

Kin Yip

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6499648/publications.pdf>

Version: 2024-02-01

372
papers

17,528
citations

22132

59
h-index

24232

110
g-index

378
all docs

378
docs citations

378
times ranked

9796
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Electron-Antineutrino Disappearance at Daya Bay. <i>Physical Review Letters</i> , 2012, 108, 171803.	2.9	1,751
2	The upgraded D \bar{A} detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 565, 463-537.	0.7	549
3	Observation and Properties of the X(3872) Decaying to $J/\psi + \eta_c$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2004, 93, 162002.	2.9	494
4	Azimuthal Charged-Particle Correlations and Possible Local Strong Parity Violation. <i>Physical Review Letters</i> , 2009, 103, 251601.	2.9	424
5	Performance of the DELPHI detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 378, 57-100.	0.7	294
6	Higher Moments of Net Proton Multiplicity Distributions at RHIC. <i>Physical Review Letters</i> , 2010, 105, 022302.	2.9	278
7	Observation of charge-dependent azimuthal correlations and possible local strong parity violation in heavy-ion collisions. <i>Physical Review C</i> , 2010, 81, .	1.1	263
8	Observation of an Antimatter Hypernucleus. <i>Science</i> , 2010, 328, 58-62.	6.0	249
9	Long range rapidity correlations and jet production in high energy nuclear collisions. <i>Physical Review C</i> , 2009, 80, .	1.1	220
10	Measurement of the Forward-Backward Charge Asymmetry in Top-Quark Pair Production. <i>Physical Review Letters</i> , 2008, 100, 142002.	2.9	210
11	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.	2.9	201
12	Observation of Single Top-Quark Production. <i>Physical Review Letters</i> , 2009, 103, 092001.	2.9	199
13	Measurement of the Inclusive Jet Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008, 101, 062001.	2.9	191
14	Forward-backward asymmetry in top quark-antiquark production. <i>Physical Review D</i> , 2011, 84, .	1.6	188
15	Measurement of $\langle \mathcal{M}^2 \rangle$ Parameters from the Flavor-Tagged Decay $B \rightarrow D_s^* \bar{D}^0$. <i>Physical Review Letters</i> , 2008, 101, 241801.	2.9	173
16	Direct Limits on the B_s Oscillation Frequency. <i>Physical Review Letters</i> , 2006, 97, 021802.	2.9	172
17	Observation of the antimatter helium-4 nucleus. <i>Nature</i> , 2011, 473, 353-356.	13.7	154
18	Double parton interactions in $p\bar{p}$ jet events at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2006, 97, 021802.	1.6	144

#	ARTICLE	IF	CITATIONS
19	Measurement of the shape of the boson transverse momentum distribution in Au collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 104, 061802.	1.1	127
20	Combination of Tevatron Searches for the Standard Model Higgs Boson in the WZ and WW Channels. Physical Review Letters, 2010, 104, 061802.	2.9	114
21	The production cross section and angular correlations in collisions at $\sqrt{s} = 1.96$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 264-272.	1.5	110
22	Measurement of the Shape of the Boson-Transverse Momentum Distribution in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2008, 100, 102002.	2.9	110
23	Combination of the top-quark mass measurements from the Tevatron collider. Physical Review D, 2012, 86, .	1.6	109
24	Evidence for an Anomalous Like-Sign Dimuon Charge Asymmetry. Physical Review Letters, 2010, 105, 081801.	2.9	108
25	Measurement of the W Boson Mass with the D0 Detector. Physical Review Letters, 2012, 108, 151804.	2.9	104
26	Search for squarks and gluinos in events with jets and missing transverse energy using 2.1 fb^{-1} of pp collision data at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 052001.	1.5	103
27	Measurement of the shape of the boson rapidity distribution for pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 76, .	1.6	101
28	Evidence for Production of Single Top Quarks and First Direct Measurement of $ V_{tb} $. Physical Review Letters, 2007, 98, 181802.	2.9	100
29	Search for charged Higgs bosons in top quark decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 682, 278-286.	1.5	99
30	Measurements of the D^0 and D^+ branching fractions and CP violation in $D^0 \rightarrow \pi^+ \pi^-$ and $D^+ \rightarrow \pi^+ \pi^0$ decays. Physical Review Letters, 2007, 98, 052001.	1.6	97
31	Direct Observation of the Strange Baryon Λ_b^0 in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 052001.	2.9	93
32	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
33	Measurement of the anomalous like-sign dimuon charge asymmetry with 2.76 TeV pp collisions. Physical Review Letters, 2012, 108, 072301.	1.8	91
34	Strangeness Enhancement in Cu-Cu and Au-Au Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2012, 108, 072301.	2.9	91
35	Strange and multistrange particle production in Au+Au collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2012, 108, 072301.	1.1	86
36	Observation of the B_c Meson in the Exclusive Decay $B_c \rightarrow J/\psi \gamma$. Physical Review Letters, 2008, 101, 012001.	2.9	83

#	ARTICLE	IF	CITATIONS
37	Measurement of the isolated photon cross section in $\sqrt{s}=1.8$ TeV pp collisions at high transverse momenta. Physical Review Letters, 2009, 103, 191803.	1.5	81
38	Measurement of Dijet Angular Distributions at $\sqrt{s}=1.8$ TeV pp Collisions. Physical Review Letters, 2009, 103, 191803.	1.1	81
39	Searches for Quark Compositeness and Extra Spatial Dimensions. Physical Review Letters, 2009, 103, 191803.	2.9	80
40	Three-Particle Coincidence of the Long Range Pseudorapidity Correlation in High Energy Nucleus-Nucleus Collisions. Physical Review Letters, 2010, 105, 022301.	2.9	80
41	Identified Hadron Compositions in $\sqrt{s}=1.8$ TeV pp Collisions at High Transverse Momenta at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2009, 103, 191803.	2.9	80
42	Evidence for production of single top quarks. Physical Review D, 2008, 78, .	1.6	79
43	Inclusive Jet Production in pp Collisions. Physical Review Letters, 2001, 86, 1707-1712.	2.9	77
44	Isolated Photon Cross Section in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2000, 84, 2786-2791.	2.9	75
45	Measurement of the $C \times P$ -violating phase in the flavor-tagged decay $B \rightarrow J/\psi K$. Physical Review Letters, 2008, 101, 261801.	1.6	75
46	Observation of the Doubly Strange Baryon Λ_b^0 . Physical Review Letters, 2008, 101, 261801.	2.9	74
47	Physical Review Letters, 2009, 103, 191803.	1.6	72
48	Search for Large Extra Dimensions in Dielectron and Diphoton Production. Physical Review Letters, 2001, 86, 1156-1161.	2.9	70
49	Transverse single-spin asymmetry and cross section for $B \rightarrow J/\psi K$. Physical Review Letters, 2008, 101, 261801.	1.6	70
50	Measurement of the Bottom Quark Contribution to Nonphotonic Electron Production in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2009, 103, 191803.	2.9	68
51	Search for the rare decay $B \rightarrow J/\psi K$. Physical Review Letters, 2008, 101, 261801.	1.5	67
52	Measurement of the W Boson Mass. Physical Review Letters, 2009, 103, 141801.	2.9	66
53	Longitudinal and transverse spin asymmetries for inclusive jet production at mid-rapidity in polarized pp collisions. Physical Review Letters, 2009, 103, 141801.	1.6	66
54	Search for Doubly Charged Higgs Boson Pair Production in the Decay $t \rightarrow W^+ W^+ q$ in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2004, 93, 141801.	2.9	64

#	ARTICLE	IF	CITATIONS
55	Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2008, 101, 182004.	2.9	64
56	Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2008, 101, 182004.	1.6	64
57	Observation and Properties of the Orbitally Excited χ_{c0} Meson. Physical Review Letters, 2008, 101, 182004.	2.9	63
58	Precise Study of the Z Boson Transverse Momentum Distribution in pp Collisions. Physical Review Letters, 2008, 101, 182004.	2.9	62
59	Search for a heavy neutral gauge boson in the dielectron channel with 5.4 fb^{-1} of pp collisions. Physical Review Letters, 2008, 101, 182004.	1.1	61
60	Search for a heavy neutral gauge boson in the dielectron channel with 5.4 fb^{-1} of pp collisions. Physical Review Letters, 2008, 101, 182004.	1.5	60
61	Search for a heavy neutral gauge boson in the dielectron channel with 5.4 fb^{-1} of pp collisions. Physical Review Letters, 2008, 101, 182004.	1.1	60
62	Search for single top quark production at $\sqrt{s} = 1.96$ TeV using neural networks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 282-294.	1.5	59
63	Measurement of the differential cross section for the production of top quark pairs from the decay of a Z boson. Physical Review Letters, 2008, 101, 182004.	1.5	59
64	Measurement of the differential cross section for the production of top quark pairs from the decay of a Z boson. Physical Review Letters, 2008, 101, 182004.	1.6	59
65	Measurement of the Polarization of the χ_{c0} and χ_{c1} States in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 182004.	2.9	58
66	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
67	Search for the Flavor-Changing Neutral Current Decay $B_s \rightarrow \tau^+ \tau^-$ in pp Collisions at $\sqrt{s} = 1.96$ TeV with the D0 Detector. Physical Review Letters, 2005, 94, 071802.	2.9	57
68	Search for the Flavor-Changing Neutral Current Decay $B_s \rightarrow \tau^+ \tau^-$ in pp Collisions at $\sqrt{s} = 1.96$ TeV with the D0 Detector. Physical Review Letters, 2005, 94, 071802.	2.9	56
69	Measurement of the muon charge asymmetry from W boson decays. Physical Review D, 2008, 77, .	1.6	56
70	Improved determination of the width of the top quark. Physical Review D, 2012, 85, .	1.6	56
71	Search for Next-to-Minimal Supersymmetric Higgs Bosons in the pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 182004.	2.9	55
72	Charged and strange hadron elliptic flow in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 182004.	1.1	55

#	ARTICLE	IF	CITATIONS
73	Bounds on an Anomalous Dijet Resonance in W +jets Production in $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 011804.	2.9	55
74	Helicity of the W boson in lepton+jets collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 011804.	1.5	54
75	Search for scalar top quarks in the acoplanar charm jets and missing transverse energy final state in W +jets collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 011804.	1.5	54
76	Lifetime Difference and CP-Violating Phase in the B_s System. Physical Review Letters, 2007, 98, 121801.	2.9	53
77	Search for scalar top quarks in the acoplanar charm jets and missing transverse energy final state in W +jets collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 011804.	1.5	53
78	Fluctuations at Relativistic Energies. Physical Review Letters, 2009, 103, 092301.	2.9	53
79	Measurement of the Lifetime of the B_c in the Semileptonic Decay Channel. Physical Review Letters, 2009, 102, 092001.	2.9	53
80	Parton energy loss in heavy-ion collisions via direct-photon and charged-particle azimuthal correlations. Physical Review C, 2010, 82, .	1.1	53
81	Search for Long-Lived Charged Massive Particles with the D0 Detector. Physical Review Letters, 2009, 102, 161802.	2.9	52
82	Search for new particles in the two-jet decay channel with the $D\bar{A}$ detector. Physical Review D, 2004, 69, .	1.6	51
83	Search for W Boson Resonances Decaying to a Top Quark and a Bottom Quark. Physical Review Letters, 2008, 100, 211803.	2.9	51
84	Combination of CDF and D0 results on the W boson mass and width. Physical Review D, 2004, 70, .	1.6	50
85	Evidence for Spin Correlation in W Production. Physical Review Letters, 2012, 108, 032004.	2.9	50
86	Measurement of Inclusive Differential Cross Sections for W Production in $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 94, 232001.	2.9	49
87	Determination of the strong coupling constant from the inclusive jet cross section in W +jets collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 94, 232001.	1.6	48
88	Measurement of direct photon pair production cross sections in W +jets collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 94, 232001.	1.5	48
89	Search for flavor-changing neutral currents via quark-gluon couplings in single top quark production using 2.3 fb^{-1} of W +jets collisions. Physical Review Letters, 2005, 94, 232001.	1.5	48
90	Measurement of the W boson mass and width. Physical Review Letters, 2005, 94, 232001.	1.5	48

#	ARTICLE	IF	CITATIONS
91	Measurement of the top quark pair production cross section in the $\ell\ell\gamma$ channel in proton-antiproton collisions at $\sqrt{s}=1.96$ TeV using secondary vertex tagging. Physical Review D, 2006, 74, .	1.6	48
92	Measurement of the top quark mass in the $\ell\ell\gamma$ final state with the matrix element method. Physical Review D, 2006, 74, .	1.6	47
93	Experimental Discrimination between Charge $2e/3$ Top Quark and Charge $4e/3$ Exotic Quark Production Scenarios. Physical Review Letters, 2007, 98, 041801.	2.9	47
94	First Study of the Radiation-Amplitude Zero in W Production and Limits on Anomalous W Couplings at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 191802.	2.9	47
95	Search for Large Extra Dimensions via Single Photon plus Missing Energy Final States at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 191802.	2.9	47
96	Measurement of the normalized Z transverse momentum distribution in pp collisions at $\sqrt{s}=1.96$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 658, 116-120.	1.5	46
97	Production in Polarized Proton-Proton Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 191802.	2.9	46
98	Search for Production of Single Top Quarks via $t\bar{c}$ and $t\bar{u}$ Couplings. Physical Review Letters, 2007, 99, 191802.	2.9	45
99	High- p_T W Production in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 191802.	1.1	45
100	Search for W production in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 191802.	1.6	45
101	Anomalous centrality evolution of two-particle angular correlations from Au-Au collisions at $\sqrt{s}=200$ GeV. Physical Review C, 2012, 86, .	1.1	45
102	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV using secondary vertex tagging. Physical Review D, 2006, 74, .	1.6	44
103	Search for Pair Production of Doubly Charged Higgs Bosons in the $H^{++}H^{-\tilde{t}}\tilde{t}^*/4+1\tilde{t}^*/4\tilde{t}^*/4\tilde{t}^*/4$ Final State. Physical Review Letters, 2008, 101, 071803.	2.9	44
104	Search for W Bosons Decaying to an Electron and a Neutrino with the D0 Detector. Physical Review Letters, 2008, 100, 031804.	2.9	44
105	Search for W resonances with left- and right-handed couplings to fermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 145-150.	1.5	44
106	Measurement of the CP-violation parameter of B^0 mixing and decay with pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 74, .	1.6	42
107	Search for Resonant Pair Production of Neutral Long-Lived Particles Decaying to $b\bar{b}$ in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 103, 071801.	2.9	42
108	Model-independent measurement of t -channel single top quark production in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 103, 071801.	1.5	42

#	ARTICLE	IF	CITATIONS
109	Measurement of the production cross sections of $Z \rightarrow \tau^+ \tau^-$ and $Z \rightarrow \mu^+ \mu^-$ in $p\bar{p} \rightarrow Z + \text{jet}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2000, 84, 2792-2797.	1.5	40
110	Precision Measurement of the Ratio $B(\tau^+ W_b)/B(\tau^+ W_q)$ and Extraction of V_{tb} . Physical Review Letters, 2011, 107, 121802.	2.9	41
111	Measurement of the semileptonic charge asymmetry in B^0 meson mixing with the D0 detector. Physical Review D, 2012, 86, .	1.6	41
112	Differential Production Cross Section of Z Bosons as a Function of Transverse Momentum at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2000, 84, 2792-2797.	2.9	40
113	Measurement of $f_1^3 + b + X$ and $\bar{f}_1^3 + c + X$ Production Cross Sections in $p\bar{p} \rightarrow \bar{A}^-$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 192002.	2.9	40
114	Energy and system-size dependence of two- and four-particle measurements in heavy-ion collisions. Physical Review C, 2012, 86, .	1.1	40
115	Small-Angle Muon and Bottom-Quark Production in $p\bar{p} \rightarrow \bar{A}^-$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2000, 84, 5478-5483.	2.9	39
116	Quasi-Model-Independent Search for New High pT Physics at D0. Physical Review Letters, 2001, 86, 3712-3717.	2.9	39
117	Search for t -channel resonances in the lepton plus jets final state in $p\bar{p} \rightarrow \bar{A}^-$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2001, 86, 3712-3717.	1.5	39
118	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.	1.5	39
119	Search for single top quark production in $p\bar{p} \rightarrow \bar{A}^-$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2000, 85, 256-261.	1.5	39
120	Spin Correlation in $t\bar{t}$ Production from $p\bar{p} \rightarrow \bar{A}^-$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2000, 85, 256-261.	2.9	38
121	Measurement of the W Production Cross Section with Dilepton Final States in $p\bar{p} \rightarrow \bar{A}^-$ Collisions at $\sqrt{s} = 1.96$ TeV and Limits on Anomalous Trilinear Gauge Couplings. Physical Review Letters, 2009, 103, 191801.	2.9	38
122	Observation of a narrow mass state decaying into $\Upsilon(1S) + \bar{f}_1^3$ in $p\bar{p} \rightarrow \bar{A}^-$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 86, .	1.6	38
123	Measurement of angular correlations of jets at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2001, 86, 3712-3717.	1.5	38
124	Search for single top quark production in $p\bar{p} \rightarrow \bar{A}^-$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2000, 85, 256-261.	1.5	37
125	Search for Stopped Gluinos from $p\bar{p} \rightarrow \bar{A}^-$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 99, 131801.	1.5	37
126	Search for Stopped Gluinos from $p\bar{p} \rightarrow \bar{A}^-$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 99, 131801.	2.9	37

#	ARTICLE	IF	CITATIONS
127	Longitudinal double-spin asymmetry and cross section for inclusive neutral pion production at midrapidity in polarized proton collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2008, 101, 062004.	1.6	37
128	Measurement of the W boson helicity in top quark decays. Physical Review Letters, 2010, 104, 061804.	1.1	37
129	Measurement of the W boson helicity in top quark decays. Physical Review Letters, 2010, 104, 061804.	1.6	36
130	Production Cross Section in pp Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2008, 101, 062004.	2.9	35
131	Search for Charged Higgs Bosons Decaying into Top and Bottom Quarks in pp Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2009, 101, 032001.	2.9	35
132	Search for Randal-Sundrum Gravitons in the Dielectron and Diphoton Final States with $\sqrt{s}=200$ GeV. Physical Review Letters, 2009, 101, 032001.	2.9	35
133	Data from pp collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2010, 104, 061804.	1.6	35
134	Precise measurement of the top-quark mass from pp collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2011, 102, 162001.	1.6	35
135	Measurement of the W boson helicity in top quark decays using pp collision data. Physical Review D, 2011, 84, 112001.	1.5	35
136	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.	1.5	35
137	Measurement of the W boson helicity in top quark decays using pp collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2010, 104, 061804.	1.5	34
138	Measurement of the W boson helicity in top quark decays using pp collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2010, 104, 061804.	1.5	34
139	Search for Higgs Boson Production in Dilepton and Missing Energy Final States with $\sqrt{s}=200$ GeV. Physical Review Letters, 2010, 104, 061804.	2.9	34
140	Measurement of spin correlation in pp collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2011, 102, 162001.	1.5	34
141	Measurement of Spin Correlation in pp Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2011, 102, 032001.	2.9	34
142	Directed Flow of Identified Particles in pp Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2012, 108, 202301.	2.9	34
143	Precise Measurement of the Top-Quark Mass from pp Collisions. Physical Review Letters, 2008, 101, 182001.	2.9	33
144	Model-Independent Measurement of the W -Boson Helicity in Top-Quark Decays at $\sqrt{s}=200$ GeV. Physical Review Letters, 2008, 100, 062004.	2.9	33

#	ARTICLE	IF	CITATIONS
145	<p>ence of the $\langle mml:math altimg="si1.gif" overflow="scroll" \rangle$ $\langle mml:math altimg="si1.gif" overflow="scroll" \rangle$ xm:ns:xocs="http://www.elsevier.com/xml/xocs/dtd" xm:ns:xs="http://www.w3.org/2001/XMLSchema xm:ns:xi="http://www.w3.org/2001/XMLSchema-instance" xm:ns="http://www.elsevier.com/xml/ja/dtd" xm:ns:ja="http://www.elsevier.com/xml/ja/dtd" xm:ns:mml="http://www.w3.org/1998/Math/MathML" xm:ns:tb="http://www.elsevier.com/xml/common/table/dtd" xm:ns:tbl="http://www.elsevier.com/xml/common/struct-bib/dtd"</p>	1.5	33
146	<p>Combined Tevatron upper limit on $g\hat{t}\gamma^*W+W\hat{t}$ and constraints on the Higgs boson mass in fourth-generation fermion models. Physical Review D, 2010, 82, .</p>	1.6	33
147	<p>Determination of the Width of the Top Quark. Physical Review Letters, 2011, 106, 022001. $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle$ $display="inline">\langle mml:mi>W\langle mml:mi>\langle mml:mi>\hat{t}\langle mml:mi>\langle mml:math>Production and Limits on$ Anomalous $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle$ $display="inline">\langle mml:mi>W\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>\hat{t}^3\langle mml:mi>\langle mml:math>Couplings$ in $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle$ $display="inline">\langle mml:mi>W\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>\hat{t}^3\langle mml:mi>\langle mml:math>Couplings$</p>	2.9	33
148	<p>Production and Limits on Anomalous $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle$ $display="inline">\langle mml:mi>W\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>\hat{t}^3\langle mml:mi>\langle mml:math>Couplings$ in $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle$ $display="inline">\langle mml:mi>W\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>\hat{t}^3\langle mml:mi>\langle mml:math>Couplings$</p>	2.9	33
149	<p>Limits on anomalous trilinear gauge boson couplings from WW, WZ and Wt^3 production in $\langle mml:math \rangle$ $display="inline">\langle mml:mi>W\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>\hat{t}^3\langle mml:mi>\langle mml:math>Couplings$ in $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" \rangle$ $\langle mml:math \rangle$ Physical Review D, 2012, 85,</p>	1.5	33
150	<p>Search for Randall-Sundrum Gravitons in Dilepton and Diphoton Final States. Physical Review Letters, 2005, 95, 091801.</p>	1.6	33
151	<p>Search for Higgs Bosons Decaying to Tau Pairs in $p\bar{p}$ Collisions with the D0 Detector. Physical Review Letters, 2008, 101, 071804.</p>	1.5	33
152	<p>Search for Resonant Diphoton Production with the D0 Detector. Physical Review Letters, 2009, 102, 231801.</p>	1.6	33
153	<p>Search for neutral Higgs bosons in the multi-jet topology in $\langle mml:math \rangle$ $display="inline">\langle mml:mi>p\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>\hat{t}^3\langle mml:mi>\langle mml:math>Couplings$ in $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" \rangle$ $\langle mml:math \rangle$ Physical Review D, 2012, 85,</p>	2.9	32
154	<p>Search for Violation of Lorentz Invariance in Top Quark Pair Production and Decay. Physical Review Letters, 2012, 108, 261603.</p>	2.9	32
155	<p>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. $\langle mml:math altimg="si1.gif" overflow="scroll" \rangle$ $display="inline">\langle mml:mi>p\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>\hat{t}^3\langle mml:mi>\langle mml:math>Couplings$</p>	2.9	32
156	<p>Measurement of the ratios of the $\langle mml:math altimg="si2.gif" \rangle$ $display="inline">\langle mml:mi>p\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>\hat{t}^3\langle mml:mi>\langle mml:math>Couplings$ in $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" \rangle$ $\langle mml:math \rangle$ collisions at jet production cross sections to the total inclusive $\langle mml:math \rangle$ $display="inline">\langle mml:mi>p\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>\hat{t}^3\langle mml:mi>\langle mml:math>Couplings$</p>	1.1	32
157	<p>Search for Violation of Lorentz Invariance in Top Quark Pair Production and Decay. Physical Review Letters, 2012, 108, 261603.</p>	1.5	32
158	<p>Measurement of the ratios of the $\langle mml:math altimg="si2.gif" \rangle$ $display="inline">\langle mml:mi>p\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>\hat{t}^3\langle mml:mi>\langle mml:math>Couplings$ in $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" \rangle$ $\langle mml:math \rangle$ collisions at jet production cross sections to the total inclusive $\langle mml:math \rangle$ $display="inline">\langle mml:mi>p\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>\hat{t}^3\langle mml:mi>\langle mml:math>Couplings$</p>	2.9	32
159	<p>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. $\langle mml:math altimg="si1.gif" overflow="scroll" \rangle$ $display="inline">\langle mml:mi>p\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>\hat{t}^3\langle mml:mi>\langle mml:math>Couplings$</p>	2.9	32
160	<p>Measurement of the ratios of the $\langle mml:math altimg="si2.gif" \rangle$ $display="inline">\langle mml:mi>p\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>\hat{t}^3\langle mml:mi>\langle mml:math>Couplings$ in $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" \rangle$ $\langle mml:math \rangle$ collisions at jet production cross sections to the total inclusive $\langle mml:math \rangle$ $display="inline">\langle mml:mi>p\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>W\langle mml:mi>\langle mml:mi>\hat{t}^3\langle mml:mi>\langle mml:math>Couplings$</p>	1.5	31
161	<p>Measurement of the Forward-Backward Charge Asymmetry and Extraction of $\langle mml:math altimg="si1.gif" overflow="scroll" \rangle$ $\langle mml:math \rangle$ Produced at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 191801.</p>	2.9	31
162	<p>Measurements of single top quark production cross sections and V_{tb} in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .</p>	1.6	31

#	ARTICLE	IF	CITATIONS
163	Measurement of the differential cross section and the ratio of differential cross sections in $\hat{\tau}^3$ jets channel using the ideogram method. Physical Review D, 2007, 75, .	1.5	31
164	Measurement of the top quark mass in the lepton+jets channel using the ideogram method. Physical Review D, 2007, 75, .	1.6	30
165	Search for Large Extra Spatial Dimensions in the Dielectron and Diphoton Channels in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 051601.	2.9	30
166	Search for Large Extra Spatial Dimensions in the Dielectron and Diphoton Channels in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 051601.	2.9	30
167	Search for a narrow resonance in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 94, 151801.	1.5	30
168	Search for a narrow resonance in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 94, 151801.	1.6	30
169	Measurement of the W Production Cross Section in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 94, 151801.	2.9	29
170	Search for Large Extra Spatial Dimensions in Dimuon Production with the D0 Detector. Physical Review Letters, 2005, 95, 161602.	2.9	29
171	Search for Neutral, Long-Lived Particles Decaying into Two Muons in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 161802.	2.9	29
172	Search for supersymmetry in di-photon final states at $\sqrt{s} = 1.96$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 856-863.	1.5	29
173	Evolution of the differential transverse momentum correlation function with centrality in Au + Au collisions at $\sqrt{s} = 200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 467-473.	1.5	29
174	Differential cross section for W boson production as a function of transverse momentum in collisions at $\sqrt{s} = 1.96$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 513, 292-300.	1.5	28
175	Search for Pair Production of Scalar Bottom Quarks in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 171806.	2.9	28
176	Measurement of B_d mixing using opposite-side flavor tagging. Physical Review D, 2006, 74, .	1.6	28
177	Combined D0 measurements constraining the CP-violating phase and width difference in the B_s system. Physical Review D, 2007, 76, .	1.6	28
178	Search for Anomalous Wtb Couplings in Single Top Quark Production. Physical Review Letters, 2008, 101, 221801.	2.9	28
179	Search for Anomalous Wtb Couplings in Single Top Quark Production. Physical Review Letters, 2008, 101, 221801.	2.9	28
180	Scaling properties at freeze-out in relativistic heavy-ion collisions. Physical Review C, 2011, 83, .	1.1	28

#	ARTICLE	IF	CITATIONS
181	Measurement of the WZ production cross sections using leptonic final states in pp collisions at $\sqrt{s}=8.76$ TeV. Physical Review C, 2012, 85, .	1.6	28
182	System size and energy dependence of near-side dihadron correlations. Physical Review C, 2012, 85, .	1.1	28
183	Measurement of the ratio of the WZ production cross sections to the W production cross sections in the pp collisions at $\sqrt{s}=8.76$ TeV. Physical Review C, 2012, 85, .	1.5	27
184	Measurement of the ratio of the WZ production cross sections to the W production cross sections in the pp collisions at $\sqrt{s}=8.76$ TeV. Physical Review C, 2012, 85, .	1.5	27
185	Measurement of the WZ production cross sections in the pp collisions at $\sqrt{s}=8.76$ TeV. Physical Review C, 2012, 85, .	1.5	27
186	Measurement of the Semileptonic Branching Ratio of B_s^0 to an Orbitally Excited D_s^{**} State: $\text{Br}(B_s^0 \rightarrow D_s^{*1} \ell^+ \ell^-) = (2536 \pm 14 \pm 12)\%$. Physical Review Letters, 2009, 102, 051801.	2.9	27
187	Search for a Fourth Generation Quark in pp Collisions at $\sqrt{s}=8.76$ TeV. Physical Review Letters, 2012, 108, 021801.	1.5	27
188	Search for CP violation in $B_s^0 \rightarrow D_s^{*1} \ell^+ \ell^-$ decays in pp collisions at $\sqrt{s}=8.76$ TeV. Physical Review D, 2010, 82, .	2.9	27
189	Search for CP violation in $B_s^0 \rightarrow D_s^{*1} \ell^+ \ell^-$ decays in pp collisions at $\sqrt{s}=8.76$ TeV. Physical Review D, 2010, 82, .	2.9	27
190	Performance of the ATLAS electromagnetic calorimeter end-cap module 0. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 500, 178-201.	0.7	26
191	Performance of the ATLAS electromagnetic calorimeter barrel module 0. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 500, 202-231.	0.7	26
192	Measurement of the WZ production cross section in pp collisions using dilepton events. Physical Review D, 2007, 76, .	1.6	26
193	Search for CP violation in $B_s^0 \rightarrow D_s^{*1} \ell^+ \ell^-$ decays in pp collisions at $\sqrt{s}=8.76$ TeV. Physical Review D, 2010, 82, .	1.5	26
194	Search for CP violation in $B_s^0 \rightarrow D_s^{*1} \ell^+ \ell^-$ decays in pp collisions at $\sqrt{s}=8.76$ TeV. Physical Review D, 2010, 82, .	1.6	26
195	Direct measurement of the mass difference between top and antitop quarks. Physical Review D, 2011, 84, .	1.6	26
196	Search for Supersymmetry via Associated Production of Charginos and Neutralinos in Final States with Three Leptons. Physical Review Letters, 2005, 95, 151805.	2.9	25
197	Search for $B_s^0 \rightarrow D_s^{*1} \ell^+ \ell^-$ decays at D0. Physical Review D, 2007, 76, .	1.6	25
198	Neutral pion production in pp collisions at $\sqrt{s}=8.76$ TeV. Physical Review C, 2012, 85, .	1.1	25

#	ARTICLE	IF	CITATIONS
199	Search for Dark Photons from Supersymmetric Hidden Valleys. Physical Review Letters, 2009, 103, 081802. Measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \ddot{f} \langle / \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle p \langle / \text{mml:mi} \rangle \langle \text{mml:mover} \rangle T_j \text{ ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (accent="true" \rangle \langle \text{mml:mi} \rangle$	2.9	25
200			

#	ARTICLE	IF	CITATIONS
217	Search for Narrow $t\bar{t}$ -Resonances in $pp\bar{p}\bar{p}$ -Collisions at $\sqrt{s}=1.8\text{ TeV}$. Physical Review Letters, 2004, 92, 221801.	2.9	22
218	Measurement of the $pp\bar{p}\bar{p}$ - $W\bar{W}$ cross section at $\sqrt{s}=1.96\text{ TeV}$ and $WW\bar{W}$ anomalous coupling limits. Physical Review D, 2005, 71, .	1.6	22
219	Search for the pair production of scalar top quarks in the acoplanar charm jet final state in collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 645, 119-127.	1.5	22
220	Search for Third Generation Scalar Leptoquarks Decaying into $l\bar{b}$. Physical Review Letters, 2008, 101, 241802.	2.9	22
221	Search for the pair production of scalar top quarks in the acoplanar charm jet final state in collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 645, 119-127.	2.9	22
222	Search for pair production of second generation scalar leptoquarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics. 2009, 671, 224-232.	1.5	22
223	Search for anomalous Wtb couplings in single top quark production in $pp\bar{p}\bar{p}$ collisions. Physical Review Letters, 2007, 99, 061801.	1.6	22
224	Search for anomalous Wtb couplings in single top quark production in $pp\bar{p}\bar{p}$ collisions. Physical Review Letters, 2007, 99, 061801.	1.5	22
225	Search for first-generation scalar leptoquarks in $pp\bar{p}\bar{p}$ -collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review D, 2005, 71, .	1.6	21
226	Search for Third-Generation Scalar Leptoquarks in $pp\bar{p}\bar{p}$ -collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2007, 99, 061801.	2.9	21
227	Data from $pp\bar{p}\bar{p}$ -collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2007, 99, 061801.	2.9	21
228	Search for pair production of first-generation leptoquarks in $pp\bar{p}\bar{p}$ -collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2007, 99, 061801.	1.5	21
229	Measurement of the top quark mass in final states with two leptons. Physical Review D, 2009, 80, .	1.6	21
230	Directed and elliptic flow of charged particles in Cu-Cu collisions at $\sqrt{s}=2.76\text{ TeV}$. Physical Review C, 2012, 85, .	1.1	21
231	Search for Charged Massive Long-Lived Particles. Physical Review Letters, 2012, 108, 121802.	2.9	21
232	Search for pair production of scalar top quarks in the acoplanar charm jet final state in collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 645, 119-127.	1.6	21
233	Search for pair production of scalar top quarks in the acoplanar charm jet final state in collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 645, 119-127.	1.5	21
234	Measurement of the top quark mass in all-jet events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 606, 25-33.	1.5	20

#	ARTICLE	IF	CITATIONS
235	Measurement of the Ratio of Inclusive Cross Sections $\sigma(pp \rightarrow Z + b\bar{b})/\sigma(pp \rightarrow Z + \text{jet})$ at $\sqrt{s} = 1.96$ TeV. Physical Letters, 2005, 94, 161801.	2.9	20
236	Search for Long-Lived Particles Decaying into Electron or Photon Pairs with the D0 Detector. Physical Review Letters, 2008, 101, 111802.	2.9	20
237	Search for Anomalous Top-Quark Couplings with the D0 Detector. Physical Review Letters, 2009, 102, 092002.	2.9	20
238	Search for a scalar or vector particle decaying into $Z\bar{Z}$ in $pp \rightarrow Z\bar{Z} + \text{jet}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 092002.	1.5	20
239	Measurement of the production fraction times branching fraction $\sigma(pp \rightarrow Z + b\bar{b})/\sigma(pp \rightarrow Z + \text{jet})$ at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 092002.	1.5	20
240	Measurement of the production fraction times branching fraction $\sigma(pp \rightarrow Z + b\bar{b})/\sigma(pp \rightarrow Z + \text{jet})$ at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2010, 82, .	1.6	20
241	Measurement of the production fraction times branching fraction $\sigma(pp \rightarrow Z + b\bar{b})/\sigma(pp \rightarrow Z + \text{jet})$ at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 092002.		

#	ARTICLE	IF	CITATIONS
253	Search for Associated Wand Higgs Boson Production in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 051803.	2.9	19
254	Search for Sneutrino Production in Final States in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 191802.	2.9	19
255	Measurement of the top-quark mass in pp collisions using events with two leptons. Physical Review D, 2012, 86, .	1.6	19
256	Measurement of the b lifetime in the exclusive decay $b \rightarrow 0 \pi^+ \pi^-$ in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	1.6	19
257	Measurement of the $W \rightarrow e \nu$ and $Z \rightarrow \nu \bar{\nu}$ production cross sections at mid-rapidity in proton-proton collisions at $\sqrt{s}=500$ GeV. Physical Review D, 2012, 85, .	1.6	19
258	Search for pair production of second generation scalar leptoquarks in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 106, 081801.	1.5	18
259	Multivariate searches for single top quark production with the D0 detector. Physical Review D, 2007, 75, .	1.6	18
260	Search for pair production of the scalar top quark in the electron+muon final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 321-327.	1.5	18
261	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
262	Search for Single Vectorlike Quarks in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 106, 081801.	2.9	18
263	Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events at D0. Physical Review Letters, 2005, 94, 041801.	2.9	17
264	Measurement of the W boson helicity in top quark decays at D0. Physical Review D, 2007, 75, .	1.6	17
265	Observation of ZZ Production in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 171803.	2.9	17
266	Longitudinal spin transfer to hyperons in polarized proton-proton collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 106, 081801.	1.6	17
267	Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events at D0. Physical Review Letters, 2005, 94, 041801.	1.1	17
268	Search for $Z H \rightarrow l^+ l^- b \bar{b}$ Production in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 251801.	2.9	17
269	Search for a Fermiophobic and Standard Model Higgs Boson in Diphoton Final States. Physical Review Letters, 2011, 107, 151801.	2.9	17
270	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. Physical Review D, 2012, 86, .	1.6	17

#	ARTICLE	IF	CITATIONS
271	Search for the lightest chargino at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 382, 323-336.	1.5	16
272	Observation of diffractively produced W and Z bosons in $p\bar{p}$ collisions at $s=1800\text{ GeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 574, 169-179.	1.5	16
273	Study of $Z\bar{Z}$ Events and Limits on Anomalous $Z\bar{Z}$ and $Z\bar{Z}\gamma$ Couplings in $pp\bar{p}$ Collisions at $s=1.96\text{ TeV}$. Physical Review Letters, 2005, 95, 051802.	2.9	16
274	Measurement of the B_s^0 Lifetime in the Exclusive Decay Channel $B_s^0 \rightarrow J/\psi \pi^+ \pi^-$. Physical Review Letters, 2005, 94, 042001.	2.9	16
275	Search for the lightest scalar top quark in events with two leptons in $\sqrt{s}=1.96\text{ TeV}$ collisions at the Tevatron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 26-36.	1.5	16
276	A combined search for the standard model Higgs boson at $\sqrt{s}=1.96\text{ TeV}$ in $pp\bar{p}$ collisions at the Tevatron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 26-36.	1.5	16
277	Search for Decay of a Fermiophobic Higgs Boson $h \rightarrow \tau\tau$ with the D0 Detector at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2008, 101, 051801.	2.9	16
278	Direct Measurement of the Mass Difference between Top and Antitop Quarks. Physical Review Letters, 2009, 103, 132001.	2.9	16
279	Observation of W and Z boson production in ultra-peripheral heavy-ion collisions at $\sqrt{s}=2.76\text{ TeV}$. Physical Review C, 2010, 81, .		
280	Search for a Resonance Decaying into WZ Boson Pairs in $pp\bar{p}$ Collisions. Physical Review Letters, 2010, 104, 061801.	2.9	16
281	Search for first generation leptoquark pair production in the electron + missing energy + jets final state. Physical Review D, 2011, 84, .	1.6	16
282	Search for WH associated production in 5.3 fb^{-1} of $\sqrt{s}=1.96\text{ TeV}$ collisions at the Tevatron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 15-20.	1.5	16
283	Search for the Standard Model Higgs Boson in $ZH \rightarrow \tau\tau$ Production with the D0 Detector in 9.7 fb^{-1} of $pp\bar{p}$ Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2012, 109, 121803.	2.9	16
284	Search for Higgs bosons of the minimal supersymmetric standard model in $\sqrt{s}=1.96\text{ TeV}$ collisions at the Tevatron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 15-20.	1.5	16
285	Search for Scalar Neutrino Superpartners in $\sqrt{s}=1.96\text{ TeV}$ collisions at the Tevatron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 15-20.	1.5	15
286	Final States in $pp\bar{p}$ Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2009, 102, 161801.	2.9	15
287	Search for Neutral Higgs Bosons in Multi-b-Jet Events in $pp\bar{p}$ Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2008, 101, 221802.	2.9	15
288	Evidence of WW and WZ Production with lepton+jets Final States in $pp\bar{p}$ Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2009, 102, 161801.	2.9	15

#	ARTICLE	IF	CITATIONS
289	Search for admixture of scalar top quarks in the $pp \rightarrow \tau^+ \tau^- \gamma \gamma$ process at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 071801.	1.5	15
290	Search for the Standard Model Higgs Boson in the $ZH \rightarrow \tau^+ \tau^- \gamma \gamma$ Channel in 5.2 fb $^{-1}$ of $pp \rightarrow$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 071801.	2.9	15
291	Measurement of color flow in $t\bar{t}$ events from $pp \rightarrow$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 83, .	1.6	15
292	Search for neutralinos, scalar leptons and scalar quarks in $e^+e^- \rightarrow$ interactions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 387, 651-666.	1.5	14
293	Measurement of the Angular and Lifetime Parameters of the Decays $B \rightarrow \tau^+ \tau^- \gamma$. Physical Review Letters, 2009, 102, 032001.	2.9	14
294	Direct Measurement of the W Boson Width. Physical Review Letters, 2009, 103, 231802.	2.9	14
295	Search for the Standard Model Higgs Boson in Tau Final States. Physical Review Letters, 2009, 102, 251801.	2.9	14
296	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 $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 83, .	1.6	14
297	Search for the Standard Model Higgs Boson in Associated WH Production in 9.7 fb $^{-1}$ of $pp \rightarrow$ Collisions with the D0 Detector. Physical Review Letters, 2012, 109, 121804.	2.9	14
298	Search for Higgs bosons decaying to $\tau^+ \tau^- \gamma \gamma$ pairs in $pp \rightarrow$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 071801.	1.5	14
299	Ratio of Jet Cross Sections at $\sqrt{s} = 630$ GeV and 1800 GeV. Physical Review Letters, 2001, 86, 2523-2528.	2.9	13
300	Ratios of Multijet Cross Sections in $pp \rightarrow$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2001, 86, 1955-1960.	2.9	13
301	The D0 central track trigger. IEEE Transactions on Nuclear Science, 2004, 51, 345-350.	1.2	13
302	Measurement of the Lifetime Difference in the B_s^0 System. Physical Review Letters, 2005, 95, 171801.	2.9	13
303	Search for the rare decay $B_s^0 \rightarrow \tau^+ \tau^- \gamma$ with the D0 detector. Physical Review D, 2006, 74, .	1.6	13
304	Measurement of $B \rightarrow \tau^+ \tau^- \gamma$ stretchy="false"> ($B \rightarrow \tau^+ \tau^- \gamma$) T J E		

#	ARTICLE	IF	CITATIONS
307	Measurement of the $p\bar{p} \rightarrow t\bar{t} + X$ production cross section at $\sqrt{s} = 1.96$ TeV in the fully hadronic decay channel. Physical Review D, 2007, 76, .	1.6	13
308	Evidence for the Decay $B_s \rightarrow D_s^* D_s^*$ and a Measurement of $\text{Im}(\Gamma_{CP})$. Physical Review Letters, 2009, 102, 091801.	2.9	13
309	Measurement of $t\bar{t}$ production in the $l_1 + \text{jet}$ topology using $p\bar{p} \rightarrow t\bar{t}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2010, 82, .	1.6	13
310	Measurement of the $Z\bar{Z}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2010, 82, .	1.6	13
311	Search for associated Higgs boson production using like charge dilepton events in $p\bar{p} \rightarrow t\bar{t} + H$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 84, .	1.5	13
312	Search for associated Higgs boson production using like charge dilepton events in $p\bar{p} \rightarrow t\bar{t} + H$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 84, .	1.6	13
313	Experimental studies of di-jet survival and surface emission bias in Au+Au collisions via angular correlations with respect to back-to-back leading hadrons. Physical Review C, 2011, 83, .	1.1	13
314	Search for pair production of the scalar top quark in muon+tau final states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 578-586.	1.5	13
315	Search for Pair Production of Light Scalar Top Quarks in $p\bar{p} \rightarrow t\bar{t} + H$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2004, 93, .	2.9	12
316	Search for excited muons in $p\bar{p} \rightarrow t\bar{t} + X$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2006, 73, .	1.6	12
317	Search for the Standard Model Higgs Boson in the $p\bar{p} \rightarrow ZH \rightarrow \tau\tau + \text{bb}$ Channel. Physical Review Letters, 2006, 97, 161803.	2.9	12
318	Measurement of trilinear gauge boson couplings from $WW + WZ \rightarrow l\bar{l} + \text{jj}$ events in $p\bar{p} \rightarrow t\bar{t}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 80, .	1.6	12
319	Center of mass energy and system-size dependence of photon production at forward rapidity at RHIC. Nuclear Physics A, 2010, 832, 134-147.	0.6	12
320	Search for New Fermions ($\tilde{\chi}_0^0$) at the Fermilab Tevatron Collider. Physical Review Letters, 2010, 105, 211803.	2.9	12
321	Measurement of the $t\bar{t}$ cross section using high-multiplicity jet events. Physical Review D, 2010, 82, .	1.6	12
322	Search for Neutral Minimal Supersymmetric Standard Model Higgs Bosons Decaying to Tau Pairs Produced in Association with b Quarks in $p\bar{p} \rightarrow t\bar{t} + H$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 2.9 121801.	2.9	12
323	Production of WZ Events in $p\bar{p} \rightarrow t\bar{t} + H$ Collisions at $\sqrt{s} = 1.96$ TeV and Limits on Anomalous WWZ Couplings. Physical Review Letters, 2005, 95, 141802.	2.9	11
324	Search for scalar leptoquarks in the acoplanar jet topology in $p\bar{p} \rightarrow t\bar{t} + H$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 84, .	1.5	11

#	ARTICLE	IF	CITATIONS
325	Search for a Higgs boson produced in association with a Z boson in $pp \rightarrow Z h$ collisions. $\sqrt{s} = 1.96$ TeV using the DO detector. Physical Review D, 2006, 74, .	1.5	11
326	Search for the associated production of a top quark and a neutral supersymmetric Higgs boson that decays into a pair of photons. Physical Review Letters, 2010, 104, 151801.	1.6	11
327	Search for Neutral Higgs Bosons at High Energy. Physical Review Letters, 2009, 102, 051804.	2.9	11
328	Search for the Associated Production of a Top Quark and a Neutral Supersymmetric Higgs Boson that Decays into a Pair of Photons. Physical Review Letters, 2010, 104, 151801.	2.9	11
329	Analyses of the Secondary Particle Radiation and the DNA Damage It Causes to Human Keratinocytes. Journal of Radiation Research, 2011, 52, 685-693.	0.8	11
330	Cosmic-ray tests of the ATLAS preshower detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 469, 295-310.	0.7	10
331	Search for 3- and 4-body decays of the scalar top quark in $pp \rightarrow t \bar{t} \gamma \gamma$ collisions at $\sqrt{s} = 1.8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 581, 147-155.	1.5	10
332	Study of the decay $B_s \rightarrow D_s^{(*)} D_s^{(*)}$ in pp collisions at $\sqrt{s} = 1.96$ TeV using the DO detector. Physical Review D, 2006, 74, .	1.6	10
333	Search for a heavy resonance decaying into a Z boson and a top quark in $pp \rightarrow Z t$ collisions at $\sqrt{s} = 1.96$ TeV using the DO detector. Physical Review D, 2006, 74, .	1.6	9
334	Search for the Standard Model Higgs Boson in the $pp \rightarrow Z h$ collisions at $\sqrt{s} = 1.96$ TeV using the DO detector. Physical Review Letters, 2011, 106, 171802.	1.9	9
335	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
336	Extremely High Current, High-Brightness Energy Recovery Linac. , 0, , .		8
337	Limits on anomalous trilinear gauge couplings from $pp \rightarrow Z h$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2006, 74, .	1.6	8
338	Study of the Decay $B_s \rightarrow D_s^{(*)} D_s^{(*)}$. Physical Review Letters, 2007, 99, 241801.	2.9	8
339	Search for squark production in events with jets, hadronically decaying tau leptons and missing transverse energy at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 99, 241801.	1.5	8
340	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	8
341	High mass exclusive diffractive dijet production in pp collisions at $\sqrt{s} = 1.96$ TeV using the DO detector. Physical Review Letters, 2011, 106, 171802.	1.5	7
342	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	7

#	ARTICLE	IF	CITATIONS
343	Search for Z^0 events with large missing transverse energy in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, .	1.6	7
344	Model independent search for new phenomena in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, 6.		7
345	Search for charged massive long-lived particles at $\sqrt{s}=1.96$ TeV. Physical Review D, 2013, 87, .	1.6	7
346	Measurement of the ratio of differential cross sections for W and Z boson production as a function of transverse momentum in p collisions at $\sqrt{s}=1.8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 299-308.	1.5	6
347	High Current Energy Recovery Linac at BNL. , 0, , .		6
348	Search for Anomalous Heavy-Flavor Quark Production in Association with W Bosons. Physical Review Letters, 2005, 94, 152002.	2.9	6
349	Search for W associated production in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, .	1.6	6
350	Search for Universal Extra Dimensions in pp collisions. Physical Review Letters, 2012, 108, 131802.	2.9	6
351	Neutron generator based on intense lithium beam driver. Review of Scientific Instruments, 2020, 91, 023304.	0.6	6
352	Search for particles decaying into a Z boson and a photon in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 131802.	1.5	5
353	Relative rates of B meson decays into $\tau^+(2S)$ and J/ψ mesons. Physical Review D, 2009, 79, .	1.6	5
354	Search for Higgs boson production in oppositely charged dilepton and missing energy events in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 251802.	1.6	4
355	Status of the R&D towards electron cooling of RHIC. , 2007, , .		3
356	RHIC polarimetry. European Physical Journal: Special Topics, 2008, 162, 259-265.	1.2	3
357	The central track trigger of the DO experiment. IEEE Transactions on Nuclear Science, 2004, 51, 2368-2372.	1.2	2
358	Search for the Standard Model Higgs Boson in the Missing Energy and Acoplanar b -Jet Topology at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 251802.	2.9	2
359	An upper limit for $Br(Z^0 \rightarrow ggg)$ from symmetric 3-jet Z^0 hadronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 405-415.	1.5	1
360	First results from the central tracking trigger of the DO experiment. IEEE Transactions on Nuclear Science, 2004, 51, 1848-1851.	1.2	1

#	ARTICLE	IF	CITATIONS
361	Status of R&D energy recovery LINAC at Brookhaven National Laboratory. , 2007, , .		1
362	Polarized Proton Acceleration in the AGS with Two Helical Partial Snakes. AIP Conference Proceedings, 2007, , .	0.3	1
363	Upgrade and operation of the D \bar{A} central track trigger. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 495-498.	0.7	1
364	Publisher's Note: Search for CP violation in $B_s^0 \rightarrow \frac{1}{2} + D_s^+ X$ decays in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV [Phys. Rev. D 82, 012003 (2010)]. Physical Review D, 2011, 83, .	1.6	1
365	B physics prospect at Tevatron Run II. AIP Conference Proceedings, 2000, , .	0.3	0
366	The level 1 central tracking trigger for the DO upgrade. IEEE Transactions on Nuclear Science, 2000, 47, 381-385.	1.2	0
367	Performance Measurement of the Upgraded D \bar{A} Central Track Trigger. , 2006, , .		0
368	Overcoming depolarizing resonances in the AGS with two helical partial siberian snakes. , 2007, , .		0
369	Multiple Partial Siberian Snakes in the AGS. AIP Conference Proceedings, 2007, , .	0.3	0
370	Bs Lifetime Difference Measurements from the Tevatron. Nuclear Physics, Section B, Proceedings Supplements, 2007, 167, 196-200.	0.5	0
371	Physics with tagged forward protons at RHIC. Nuclear Physics, Section B, Proceedings Supplements, 2010, 198, 136-139.	0.5	0
372	Studies and proposed changes to the RHIC p-Carbon polarimeters for the upcoming RUN-11. Journal of Physics: Conference Series, 2011, 295, 012130.	0.3	0