

# Kin Yip

## List of Publications by Year in descending order

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372  
papers

17,528  
citations

22099

59  
h-index

24179

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 $J/\psi + \psi(2S)$ in pp 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 pp 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 $B \rightarrow s \gamma$ . <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 $p p$ 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 charged hadron elliptic flow 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 $2.1 \text{ fb}^{-1}$ 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 $D^0$ and $D^+$ production in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 052001.	1.6	97
31	Direct Observation of the Strange Baryon $\Lambda_c^+$ 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 Au 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 $B_c \rightarrow J/\psi + \text{hadrons}$ . 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. 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 $B \rightarrow J/\psi K^0$ . Physical Review Letters, 2008, 101, 261801.	1.6	75
46	Observation of the Doubly Strange Baryon $\Lambda_b^0$ . 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 $B \rightarrow J/\psi K^0$ . 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 $B \rightarrow J/\psi K^0$ . 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 $t \rightarrow W^+ W^+ b$ in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2004, 93, 141801.	2.9	64

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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 $\chi_{c0}$ Meson. Physical Review Letters, 2008, 101, 182004.	2.9	63
58	Precise Study of the $Z$ 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 $5.4 \text{ fb}^{-1}$ 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 $5.4 \text{ fb}^{-1}$ 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 $5.4 \text{ fb}^{-1}$ 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 the top quark. 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 the top quark. Physical Review Letters, 2008, 101, 182004.	1.6	59
65	Measurement of the Polarization of the $\chi_{c0}$ and $\chi_{c1}$ 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 $2.3 \text{ fb}^{-1}$ 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 $t\bar{t}$ Production. Physical Review Letters, 2012, 108, 032004.	2.9	50
86	Measurement of Inclusive Differential Cross Sections for $t\bar{t}$ 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, 2008, 100, 211803.	1.5	48
89	Search for flavor-changing neutral currents via quark-gluon couplings in single top quark production using $2.3 \text{ fb}^{-1}$ of $W$ +jets collisions. Physical Review Letters, 2008, 100, 211803.	1.5	48
90	Measurement of the $W$ boson mass and width. Physical Review Letters, 2004, 93, 011801.	1.5	48

#	ARTICLE	IF	CITATIONS
91	Measurement of the top quark pair production cross section in the $\mu^+\mu^-$ channel in proton-antiproton collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 74, .	1.6	48
92	Measurement of the top quark mass in the $\mu^+\mu^-$ 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 $\mu^+\mu^-$ Production and Limits on Anomalous $W$ Couplings. 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 D, 2006, 74, .	2.9	47
96	Measurement of the normalized $Z$ boson transverse momentum distribution in $\mu^+\mu^-$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 74, .	1.5	46
97	Production in Polarized Proton-Proton Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 99, 191802.	2.9	46
98	Search for Production of Single Top Quarks via $t$ -channel $W$ Boson and $t$ -channel $u$ Quark Couplings. Physical Review Letters, 2007, 99, 191802.	2.9	45
99	High- $p_T$ $W$ Boson Production in $\mu^+\mu^-$ Collisions. Physical Review Letters, 2007, 99, 191802.	1.1	45
100	Measurement of the $t$ -channel $W$ boson production in $\mu^+\mu^-$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 74, .	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 $t$ -channel $W$ boson production cross section in $\mu^+\mu^-$ 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 $H^+H^- \rightarrow \tau^+\tau^-$ 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 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 $p$ -tagged $B^0$ data. 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 $\mu^+\mu^-$ 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 $\mu^+\mu^-$ collisions. 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 $p\bar{p} \rightarrow Z + \text{jet} + \text{jet}$ 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 $p\bar{p} \rightarrow t + \text{jet} + \text{jet}$ 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 $p\bar{p} \rightarrow t + \text{jet} + \text{jet}$ 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 $p\bar{p} \rightarrow t\bar{t}$ 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 $p\bar{p} \rightarrow W + \text{jet} + \text{jet}$ 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 $p\bar{p} \rightarrow t + \text{jet} + \text{jet}$ 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 $pp \rightarrow W + \text{jet}$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2009, 103, 012001.	2.9	35
131	Search for Charged Higgs Bosons Decaying into Top and Bottom Quarks in $pp \rightarrow W + \text{jet}$ Collisions. Physical Review Letters, 2009, 103, 012001.	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, 103, 012001.	2.9	35
133	Data from $pp \rightarrow W + \text{jet}$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2010, 104, 061804.	1.6	35
134	Precise measurement of the top-quark mass from $pp \rightarrow W + \text{jet}$ events at $\sqrt{s}=200$ GeV. Physical Review D, 2011, 84, 012001.	1.6	35
135	Measurement of the $W$ boson helicity in top quark decays using $pp \rightarrow W + \text{jet}$ collision data. Physical Review D, 2011, 83, 012001.	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 $pp \rightarrow W + \text{jet}$ 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 dilepton final states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 702, 16-23.	1.5	34
139	Measurement of Spin Correlation in $pp \rightarrow W + \text{jet}$ Production Using a Matrix Element Approach. Physical Review Letters, 2011, 107, 032001.	2.9	34
140	Directed Flow of Identified Particles in $pp \rightarrow W + \text{jet}$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2012, 108, 202301.	2.9	34
141	Precise Measurement of the Top-Quark Mass from $pp \rightarrow W + \text{jet}$ Events. Physical Review Letters, 2008, 101, 182001.	2.9	33
142	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



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163	Measurement of the differential cross section and the ratio of differential cross sections for the production of a top quark and a jet in the dilepton channel using the ideogram method. Physical Review D, 2007, 75, . Simultaneous Measurement of the Ratio of Differential Cross Sections for the Production of a Top Quark and a Jet in the Dilepton Channel. 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 $\sqrt{s}=1.96$ TeV $p\bar{p}$ Collisions. Physical Review Letters, 2009, 102, 051601.	2.9	30
166	Search for Large Extra Spatial Dimensions in the Dielectron and Diphoton Channels in $\sqrt{s}=1.96$ TeV $p\bar{p}$ Collisions. Physical Review Letters, 2009, 102, 051601.	2.9	30
167	Search for a narrow resonance in $\sqrt{s}=1.96$ TeV $p\bar{p}$ collisions. Physical Review Letters, 2005, 94, 151801.	1.5	30
168	Search for a narrow resonance in $\sqrt{s}=1.96$ TeV $p\bar{p}$ collisions. Physical Review Letters, 2005, 94, 151801.	1.6	30
169	Measurement of the WW Production Cross Section in $p\bar{p}$ 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 $p\bar{p}$ 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 $\sqrt{s}=2.76$ TeV. 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 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 $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 97, 171806.	2.9	28
176	Measurement of B <sub>d</sub> 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 <sub>s</sub> 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
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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: $\text{Br}(B_s^0 \rightarrow D_s^{*1} \ell^+ \ell^-)$ . Physical Review Letters, 2009, 102, 051801.	2.9	27
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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
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193	Measurement of the dijet invariant mass cross section in $pp$ collisions using dilepton events. Physical Review D, 2007, 76, .	1.5	26
194	Search for CP violation in $B_s^0 \rightarrow D_s^{*1} \ell^+ \ell^-$ decays 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



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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 $pp \rightarrow \tilde{t}\tilde{t}^* W^{\pm} X$ jet events	1.6	22
224	Search for anomalous $Wtb$ couplings in single top quark production in $pp \rightarrow \tilde{t}\tilde{t}^* W^{\pm} X$ jet events	1.5	22
225	Search for first-generation scalar leptoquarks in $pp \rightarrow \tilde{t}\tilde{t}^*$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	21
226	Search for Third-Generation Scalar Leptoquarks in $pp \rightarrow \tilde{t}\tilde{t}^* W^{\pm} X$ collisions	2.9	21
227	Data from $pp \rightarrow \tilde{t}\tilde{t}^* W^{\pm} X$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 061801.	2.9	21
228	Search for pair production of first-generation leptoquarks in $pp \rightarrow \tilde{t}\tilde{t}^* W^{\pm} X$ collisions at $\sqrt{s}=1.96$ TeV.	1.5	21
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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
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239	Measurement of the production fraction times branching fraction $\sigma(pp \rightarrow Z\bar{Z}) \times \text{BR}(Z \rightarrow \tau\tau)$ in $pp \rightarrow Z\bar{Z} + \text{jet}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 092002.	1.5	20
240	$\tau$ cross section in $pp$ collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2010, 82, .	1.6	20
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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
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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
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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
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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 $Z H^+ H^-$ 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



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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 $Z$ Production with $W$ and $Z$ Bosons in ultraperipheral heavy-ion collisions at $s=2.76\text{ TeV}$ . Physical Review C, 2010, 81, .	2.9	16
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
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283	Search for Higgs bosons of the minimal supersymmetric standard model in $pp\bar{p}$ collisions at $s=1.96\text{ TeV}$ . Physical Review Letters, 2012, 109, 121803.	2.9	16
284	Search for $W$ and $Z$ Production with $W$ and $Z$ Bosons in $pp\bar{p}$ collisions at $s=1.96\text{ TeV}$ . Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 109, 121803.	1.5	16
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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
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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 $WZ$ pairs in $pp \rightarrow$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 071801.	1.5	14
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309	Measurement of $\text{tt} \rightarrow \text{jet} + \text{jet}$ topology using $\text{pp} \rightarrow \text{tt} \rightarrow \text{jet} + \text{jet}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2010, 82, .	1.6	13
310	Measurement of the $\text{Z} \rightarrow \text{Z}$ production cross section in $\text{pp} \rightarrow \text{Z} + \text{jet}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 091801.	1.6	13
311	Search for associated Higgs boson production using like charge dilepton events in $\text{pp} \rightarrow \text{tt} + \text{H}$ 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 $\text{pp} \rightarrow \text{tt} + \text{H}$ 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
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317	Search for the Standard Model Higgs Boson in the $\text{pp} \rightarrow \text{ZH} \rightarrow \text{ZZ} \rightarrow \text{bb} + \text{bb}$ Channel. Physical Review Letters, 2006, 97, 161803.	2.9	12
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322	Search for Neutral Minimal Supersymmetric Standard Model Higgs Bosons Decaying to Tau Pairs Produced in Association with b Quarks in $\text{pp} \rightarrow \text{tt} + \text{H}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 2.9 121801.	2.9	12
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324	Search for scalar leptoquarks in the acoplanar jet topology in $\text{pp} \rightarrow \text{tt} + \text{H}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 2.9 121801.	1.5	11

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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 $b\bar{b}$ . Physical Review Letters, 2010, 104, 151801.	2.9	11
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332	Study of the decay $B_s \rightarrow \tau^+ \tau^- \nu \bar{\nu}$ in $pp \rightarrow t\bar{t}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 86, .	1.6	10
333	Search for a heavy resonance decaying into $aZ$ final state in $pp \rightarrow aZ$ collisions at $\sqrt{s} = 1.96$ TeV using the D0 detector. Physical Review D, 2006, 74, .	1.6	9
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338	Study of the Decay $B_s \rightarrow \tau^+ D_s^0 D_s^{*0}$ . Physical Review Letters, 2007, 99, 241801.	2.9	8
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340	Search for the production of a Higgs boson in association with a Z boson in $pp \rightarrow ZH$ collisions. $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 655, 060-016.	1.5	8
341	Search for the production of a Higgs boson in association with a Z boson in $pp \rightarrow ZH$ collisions. $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 655, 060-016.	1.5	7
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344	Model independent search for new phenomena in $pp \rightarrow \gamma \gamma$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, .		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 $pp \rightarrow \gamma \gamma$ 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
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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 $pp \rightarrow \gamma \gamma$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, .	1.6	6
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