

# Giorgio Chiarelli

## List of Publications by Year in descending order

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962  
papers

43,660  
citations

2311

98  
h-index

6818

155  
g-index

979  
all docs

979  
docs citations

979  
times ranked

10904  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Top Quark Production in $p\bar{p}$ Collisions with the Collider Detector at Fermilab. Physical Review Letters, 1995, 74, 2626-2631.	2.9	1,240
2	Measurement of the $J/\psi$ meson and $b$ -hadron production cross sections in $pp\bar{p}$ collisions at $\sqrt{s}=1960$ GeV. Physical Review D, 2005, 71, .	1.6	624
3	Observation of the Narrow State $X(3872)$ in $J/\psi + \bar{\psi}\psi$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2004, 93, 072001.	2.9	531
4	Performance of the ATLAS trigger system in 2015. European Physical Journal C, 2017, 77, 317.	1.4	489
5	The CDF detector: an overview. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1988, 271, 387-403.	0.7	488
6	Muon reconstruction performance of the ATLAS detector in proton-proton collision data at $\sqrt{s}=13$ TeV. European Physical Journal C, 2016, 76, 292.	1.4	453
7	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	1.2	424
8	Evidence for top quark production in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1994, 50, 2966-3026.	1.6	400
9	Evidence for top quark production in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1994, 73, 225-231.	2.9	363
10	FCC Physics Opportunities. European Physical Journal C, 2019, 79, 1.	1.4	346
11	High-precision measurement of the $W$ boson mass with the CDF II detector. Science, 2022, 376, 170-176.	6.0	336
12	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490.	1.4	325
13	Observation of $B_s \rightarrow B_s^0$ Oscillations. Physical Review Letters, 2006, 97, 242003.	2.9	311
14	$J/\psi$ and $\psi(2S)$ Production in $pp\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1997, 79, 572-577.	2.9	305
15	Performance of pile-up mitigation techniques for jets in $pp$ collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 581.	1.4	298
16	Observation of the $B_c$ Meson in $pp\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 81, 2432-2437.	2.9	285
17	Luminosity determination in $pp$ collisions at $\sqrt{s}=8$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 653.	1.4	279
18	Topology of three-jet events in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1992, 45, 1448-1458.	1.6	275

#	ARTICLE	IF	CITATIONS
19	Evidence for a Narrow Near-Threshold Structure in the $\Upsilon(3872)$ Particle. Physical Review Letters, 2009, 102, 242002. $\text{Mass Spectrum in } B_c \text{ Meson Decays in } p\bar{p} \text{ Collisions at } \sqrt{s} = 1.8 \text{ TeV. Physical Review D, 1997, 56, 3811-3832.}$	2.9	275
20	Double parton scattering in $p\bar{p}$ collisions at $\sqrt{s} = 1.8 \text{ TeV}$ . Physical Review D, 1997, 56, 3811-3832.	1.6	246
21	Inclusive $J/\psi$ , $\Upsilon(2S)$ , and $b$ -quark production in $p\bar{p}$ collisions at $\sqrt{s} = 1.8 \text{ TeV}$ . Physical Review Letters, 1992, 69, 3704-3708.	2.9	243
22	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. Physical Review D, 2011, 83, .	1.6	238
23	Production of $J/\psi$ Mesons from $\Upsilon$ Meson Decays in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8 \text{ TeV}$ . Physical Review Letters, 1997, 79, 578-583.	2.9	234
24	Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$ using lepton+jets events with secondary vertex-tagging. Physical Review D, 2005, 71, .	1.6	231
25	Measurement of the $W$ -boson mass in $pp$ collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2018, 78, 110.	1.4	218
26	Inclusive Jet Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8 \text{ TeV}$ . Physical Review Letters, 1996, 77, 438-443.	2.9	201
27	Evidence for a Particle Produced in Association with Weak Bosons and Decaying to a Bottom-Antibottom Quark Pair in Higgs Boson Searches at the Tevatron. Physical Review Letters, 2012, 109, 071804.	2.9	201
28	Observation of Electroweak Single Top-Quark Production. Physical Review Letters, 2009, 103, 092002.	2.9	199
29	Measurement of $J/\psi$ and $\Upsilon(2S)$ Polarization in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8 \text{ TeV}$ . Physical Review Letters, 2000, 85, 2886-2891.	2.9	196
30	Analysis of the Quantum Numbers of the $X(3872)$ Particle. Physical Review Letters, 2007, 98, 132002.	2.9	193
31	Polarizations of $J/\psi$ and $\Upsilon(2S)$ Mesons Produced in Association with Weak Bosons and Decaying to a Bottom-Antibottom Quark Pair in Higgs Boson Searches at the Tevatron. Physical Review Letters, 2012, 109, 071804.	2.9	192
32	Observation of $B_c$ mesons in $p\bar{p}$ collisions at $\sqrt{s} = 1.8 \text{ TeV}$ . Physical Review D, 1998, 58, .	1.6	189
33	Measurements of inclusive $W$ and $Z$ cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 2457-2544.	1.4	188
34	Pseudorapidity distributions of charged particles produced in $p\bar{p}$ interactions at $\sqrt{s} = 630$ and $1800 \text{ GeV}$ . Physical Review D, 1990, 41, 2330-2333.	1.6	187
35	Forward-Backward Asymmetry in Top-Quark Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review Letters, 2008, 101, 202001.	2.9	187
36	Transverse-momentum distributions of charged particles produced in $p\bar{p}$ interactions at $\sqrt{s} = 630$ and $1800 \text{ GeV}$ . Physical Review Letters, 1988, 61, 1819-1822.	2.9	182

#	ARTICLE	IF	CITATIONS
37	Performance of missing transverse momentum reconstruction with the ATLAS detector using proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 903.	1.4	181
38	First Flavor-Tagged Determination of Bounds on Mixing-Induced $C \rightarrow P$ Violation in $B \rightarrow s \ell \ell$ . Physical Review Letters, 2008, 100, 161802.	2.9	179
39	Measurement of the antiproton-proton total cross section at $\sqrt{s}=546$ and 1800 GeV. Physical Review D, 1994, 50, 5550-5561.	1.6	178
40	Search for $B_s \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^-$ Decays with $\sqrt{s}=10.1$ TeV. Physical Review Letters, 2008, 100, 101802.	2.9	177
41	Search for new particles decaying into dijets in proton-antiproton collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, .	1.6	171
42	Study of four-jet events and evidence for double parton interactions in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1993, 47, 4857-4871.	1.6	169
43	Search for new high-mass phenomena in the dilepton final state using 36 fb $^{-1}$ of proton-proton collision data at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	168
44	The CDF central and endwall hadron calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1988, 267, 301-314.	0.7	156
45	Search for the top quark in the reaction $p\bar{p} \rightarrow e^+ \mu^- + \text{jets}$ at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1990, 64, 142-146.	2.9	155
46	Measurement of the transverse momentum and $\phi_{\eta}$ distributions of Drell-Yan lepton pairs in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 291.	1.4	154
47	Measurement of the inclusive jet cross section at the Fermilab Tevatron $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2009, 102, 242001.	2.9	153
48	Search for squarks and gluinos from $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1992, 69, 3439-3443.	2.9	149
49	Measurement of Prompt Charm Meson Production Cross Sections in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2003, 91, 241804.	2.9	149
50	Measurement of the inclusive jet cross section at the Fermilab Tevatron $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV using a cone-based jet algorithm. Physical Review D, 2008, 78, .	1.6	149
51	Search for New Gauge Bosons Decaying into Dileptons in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1997, 79, 2192-2197.	2.9	147
52	Jet reconstruction and performance using particle flow with the ATLAS Detector. European Physical Journal C, 2017, 77, 466.	1.4	145
53	Precision measurement and interpretation of inclusive $W^+ W^+$ , $W^- W^-$ . European Physical Journal C, 2017, 77, 367.	1.4	145
54	Charged jet evolution and the underlying event in proton-antiproton collisions at 1.8 TeV. Physical Review D, 2002, 65, .	1.6	142

#	ARTICLE	IF	CITATIONS
55	Measurement of the $B_s^0 \rightarrow B_s^- \mu^+ \mu^-$ Oscillation Frequency. Physical Review Letters, 2006, 97, 062003.	2.9	141
56	Measurement of small angle antiproton-proton elastic scattering at $\sqrt{s}=546$ and 1800 GeV. Physical Review D, 1994, 50, 5518-5534.	1.6	139
57	Use of Testosterone To Prevent Cyclophosphamide-Induced Azoospermia. Annals of Internal Medicine, 1997, 126, 292.	2.0	139
58	Search for dark matter and other new phenomena in events with an energetic jet and large missing transverse momentum using the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	136
59	Lower limit on the top-quark mass from events with two leptons in $pp \rightarrow \tau^+ \tau^-$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1992, 68, 447-451.	2.9	135
60	$\tau$ Production and Polarization in $pp \rightarrow \tau^+ \tau^-$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2002, 88, 161802.	2.9	135
61	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 199.	1.4	132
62	Measurement of the W-boson mass. Physical Review Letters, 1990, 65, 2243-2246.	2.9	131
63	Transverse Momentum and Total Cross Section of $e^+e^-$ Pairs in the Z-Boson Region from $pp \rightarrow \tau^+ \tau^-$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2000, 84, 845-850.	2.9	131
64	ATLAS b-jet identification performance and efficiency measurement with $t\bar{t}$ events in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	130
65	Search for Flavor-Changing Neutral Current Decays of the Top Quark in $pp \rightarrow \tau^+ \tau^-$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 80, 2525-2530.	2.9	127
66	Intermediate silicon layers detector for the CDF experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 453, 84-88.	0.7	125
67	Search for electroweak production of supersymmetric particles in final states with two or three leptons at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 995.	1.4	125
68	Top quark mass measurement using the template method in the lepton+jets channel at CDF II. Physical Review D, 2006, 73, .	1.6	124
69	Measurement of the B Meson Differential Cross Section $d\Gamma/dp_T$ in $pp \rightarrow \tau^+ \tau^-$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1995, 75, 1451-1455.	2.9	123
70	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. Physical Review D, 2013, 87, .	1.6	122
71	Measurement of the Dipion Mass Spectrum in $X(3872) \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ Decays. Physical Review Letters, 2006, 96, 102002.	2.9	121
72	Observation of the Baryonic Flavor-Changing Neutral Current Decay $\Lambda_b^0 \rightarrow \Lambda^0 \mu^+ \mu^-$ . Physical Review Letters, 2011, 107, 201802.	2.9	121

#	ARTICLE	IF	CITATIONS
73	Diffractive Dijets with a Leading Antiproton in $p\bar{p}$ Collisions at $\sqrt{s}=1800\text{GeV}$ . Physical Review Letters, 2000, 84, 5043-5048.	2.9	119
74	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in $36\text{fb}^{-1}$ of pp collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	116
75	First Measurement of the Differential Cross Section $d\sigma/dM_{T\bar{T}}$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96\text{TeV}$ . Physical Review Letters, 2009, 102, 222003.	2.9	115
76	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $\sqrt{s}=8, 13, 14\text{TeV}$ using the ATLAS detector. European Physical Journal C, 2016, 76, 538.	1.4	115
77	Measurement of Double Parton Scattering in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 1997, 79, 584-589.	2.9	114
78	Measurement of the inclusive jet cross section using the $k_T$ algorithm in $p\bar{p}$ collisions at $\sqrt{s}=1.96\text{TeV}$ with the CDF II detector. Physical Review D, 2007, 75, .	1.6	114
79	Combination of Tevatron Searches for the Standard Model Higgs Boson in the $WW$ Mode. Physical Review Letters, 2010, 104, 061802.	2.9	114
80	Production of $\eta(1S)$ Mesons from $b$ Decays in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 2000, 84, 2094-2099.	2.9	111
81	First Measurements of Inclusive $W$ Cross Sections from Run II of the Fermilab Tevatron Collider. Physical Review Letters, 2005, 94, 091803.	2.9	111
82	Limits on the masses of supersymmetric particles from 1.8-TeV $p\bar{p}$ collisions. Physical Review Letters, 1989, 62, 1825-1828.	2.9	110
83	Combination of the top-quark mass measurements from the Tevatron collider. Physical Review D, 2012, 86, .	1.6	109
84	Search for new particles decaying to dijets at CDF. Physical Review D, 1997, 55, R5263-R5268.	1.6	108
85	Invariant Mass Distribution of Jet Pairs Produced in Association with a $W$ Boson in $p\bar{p}$ Collisions at $\sqrt{s}=1.96\text{TeV}$ . Physical Review Letters, 2011, 106, 171801.	2.9	108
86	Measurements of the Angular Distributions in the Decays $B \rightarrow K^* \mu^+ \mu^-$ . Physical Review Letters, 2012, 108, 081807.	2.9	108
87	Constraints on new phenomena via Higgs boson couplings and invisible decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	108
88	Search for heavy resonances decaying into $WW$ in the $e^+e^- \rightarrow e^+e^- \gamma \gamma$ final state in pp collisions at $\sqrt{s}=13\text{TeV}$ . European Physical Journal C, 2018, 78, 24.	1.4	108
89	Precision Measurement of the Prompt Photon Cross Section in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 1994, 73, 2662-2666.	2.9	107
90	Observation of the Decay $B_c \rightarrow c \tau^+ \nu_\tau$ . Physical Review Letters, 2008, 100, 182002.	2.9	106

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91	Precise Measurement of the $W$ -Boson Mass with the CDF II Detector. Physical Review Letters, 2012, 108, 151803.	2.9	106
92	Measurement of $p\bar{p}$ single diffraction dissociation at $\sqrt{s}=546$ and 1800 GeV. Physical Review D, 1994, 50, 5535-5549.	1.6	105
93	Measurement of $\sin^2\theta_{W}$ with the CDF detector. Physical Review D, 2000, 61, .	1.6	105
94	Observation of the Heavy Baryons $\Lambda_b^0$ and $\Lambda_b^+$ and $\Lambda_b^0$ and $\Lambda_b^+$ Production Charge Asymmetry in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 202001.	2.9	105
95	Search for Charged Higgs Bosons from Top Quark Decays in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 042003.	2.9	103
96	Search for Charged Higgs Bosons in Decays of Top Quarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 103, 101803.	2.9	102
97	Search for heavy ZZ resonances in the $pp$ final states using proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 293.	1.4	101
98	Evidence for $D^0$ Mixing Using the CDF II Detector. Physical Review Letters, 2008, 100, 121802.	2.9	100
99	Higgs boson studies at the Tevatron. Physical Review D, 2013, 88, .	1.6	98
100	Search for new heavy quarks in electron-muon events at the Fermilab Tevatron Collider. Physical Review Letters, 1990, 64, 147-151.	2.9	95
101	Precision Measurement of the $X$ $T_j$ ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342 Td (stretchy="false") $\langle X \rangle$ $\langle T_j \rangle$ $\langle ETQq1 \rangle$ $\langle 1 \rangle$ $\langle 0.784314 \rangle$ $\langle rgBT \rangle$ /Overlock 10 Tf 50 342 Td (stretchy="false")	2.9	94
102	Measurement of the $W$ boson mass. Physical Review D, 1995, 52, 4784-4827.	1.6	93
103	Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1.	1.4	93
104	Measurement of the $W$ -boson mass in 1.8-TeV $p\bar{p}$ collisions. Physical Review D, 1991, 43, 2070-2093.	1.6	92
105	Inclusive $q\bar{q}$ and $b$ -quark production in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1993, 71, 2537-2541.	2.9	92
106	Search for Charged Higgs Boson Decays of the Top Quark using Hadronic Decays of the Tau Lepton. Physical Review Letters, 1997, 79, 357-362.	2.9	92
107	Search for Doubly Charged Higgs Bosons Decaying to Dileptons in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2004, 93, 221802.	2.9	92
108	Direct Measurement of the $W$ Production Charge Asymmetry in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 202001.	2.9	91

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109	Measurement of the Difference in CP-Violating Asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays at CDF. Physical Review Letters, 2012, 109, 111801.	2.9	88
110	Search for High-Mass Resonances Decaying to Dimuons at CDF. Physical Review Letters, 2009, 102, 091805.	2.9	87
111	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. European Physical Journal C, 2017, 77, 195.	1.4	87
112	Measurement of the mass and width of the Z boson at the Fermilab Tevatron. Physical Review Letters, 1989, 63, 720-723.	2.9	86
113	Observation and Mass Measurement of the Baryon $\Lambda_b^0$ . Physical Review Letters, 2007, 99, 052002.	2.9	86
114	Observation of Diffractive W-Boson Production at the Fermilab Tevatron. Physical Review Letters, 1997, 78, 2698-2703.	2.9	84
115	Measurement of Inclusive Jet Cross Sections in $pp$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1992, 68, 1104-1108.	2.9	83
116	Inclusive jet cross section in $pp$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1992, 68, 1104-1108.	2.9	82
117	$\Upsilon$ Production in $pp$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1995, 75, 4358-4363.	2.9	82
118	Underlying event in hard interactions at the Fermilab Tevatron $pp$ collider. Physical Review D, 2004, 70, .	1.6	82
119	Measurement of Bottom-Quark Hadron Masses in Exclusive $B^0 \rightarrow \pi^0$ Decays with the CDF Detector. Physical Review Letters, 2006, 96, 202001.	2.9	82
120	Muon reconstruction and identification efficiency in ATLAS using the full Run 2 $pp$ collision data set at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	82
121	Measurement of the Top Quark Mass. Physical Review Letters, 1998, 80, 2767-2772.	2.9	81
122	Search for Large Extra Dimensions in Final States Containing One Photon or Jet and Large Missing Transverse Energy Produced in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 100, 082001.	2.9	81
123	Measurement of the prompt $J/\psi$ pair production cross-section in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 76.	1.4	81
124	Measurement of the Top Quark Mass and $t\bar{t}$ Production Cross Section from Dilepton Events at the Collider Detector at Fermilab. Physical Review Letters, 1998, 80, 2779-2784.	2.9	80
125	Observation of Orbitally Excited $B_s$ Mesons. Physical Review Letters, 2008, 100, 082001.	2.9	80
126	Search for dark matter at $\sqrt{s} = 13$ TeV in final states containing an energetic photon and large missing transverse momentum with the ATLAS detector. European Physical Journal C, 2017, 77, 393.	1.4	80



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127	Measurement of the $W$ Boson Mass. Physical Review Letters, 1995, 75, 11-16.	2.9	79
128	Measurement of the inclusive jet cross section in $pp$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2001, 64, .	1.6	79
129	Observation of Exclusive Electron-Positron Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 98, 112001.	2.9	79
130	Search for lepton-flavour-violating decays of the Higgs and Z bosons with the ATLAS detector. European Physical Journal C, 2017, 77, 70.	1.4	79
131	Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 565.	1.4	79
132	Measurement of the Lepton Charge Asymmetry in $W$ -Boson Decays Produced in $pp$ Collisions. Physical Review Letters, 1998, 81, 5754-5759.	2.9	78
133	Search for Gluinos and Scalar Quarks in $pp$ Collisions at $\sqrt{s}=1.8$ TeV Using the Missing Energy plus Multijets Signature. Physical Review Letters, 2002, 88, 041801.	2.9	77
134	Observation of single top quark production and measurement of $ V_{tb} $ with CDF. Physical Review D, 2010, 82, .	1.6	77
135	Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC proton-proton collision data at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	77
136	Measurement of Dijet Angular Distributions by the Collider Detector at Fermilab. Physical Review Letters, 1996, 77, 5336-5341.	2.9	76
137	Study of jet shapes in inclusive jet production in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .		76
138	Evidence for the Exclusive Decay $B_c \rightarrow \tau^+ \nu_\tau$ and Measurement of the Mass of the $B_c$ Meson. Physical Review Letters, 2006, 96, 082002.	2.9	76
139	Measurement of the cross section for $W$ -boson production in association with jets in $pp$ collisions at $\sqrt{s}=1.96$ TeV with the Collider Detector at Fermilab. Physical Review Letters, 1997, 79, 2636-2641.	1.6	76
140	Measurement of Diffractive Dijet Production at the Fermilab Tevatron. Physical Review Letters, 1997, 79, 2636-2641.	2.9	75
141	Measurement of the Top Quark Mass with the Collider Detector at Fermilab. Physical Review Letters, 1999, 82, 271-276.	2.9	75
142	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. European Physical Journal C, 2017, 77, 673.	1.4	75
143	Measurement of quarkonium production in proton-lead and proton-proton collisions at $\sqrt{s}=5.02$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 171.	1.4	75
144	Measurement of the $B$ +total cross section and $B$ +differential cross section $d\sigma_B/dp_T$ in $pp$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2002, 65, .	1.6	74

#	ARTICLE	IF	CITATIONS
145	<a href="#">Search for New Bottomlike Quark Pair Decays</a> $Q \rightarrow Q \hat{A}^- \hat{a}^+$		

#	ARTICLE	IF	CITATIONS
163	Search for $Z\tau^+e^+$ Using Dielectron Mass and Angular Distribution. Physical Review Letters, 2006, 96, 211801.	2.9	69
164	Search for New Physics in High-Mass Electron-Positron Events in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 171802.	2.9	69
165	Inclusive Search for Squark and Gluino Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 121801.	2.9	69
166	Combination of measurements of the top-quark pair production cross section from the Tevatron Collider. Physical Review D, 2014, 89, .	1.6	69
167	Measurement of $b\bar{b}$ production correlations, $B\bar{B}$ mixing, and a limit on $\mu_B$ in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1997, 55, 2546-2558.	1.6	68
168	Measurement of $f_B(W\tau^+e^+)$ and $f_B(Z\tau^+e^+)$ in $p\bar{p}$ collisions at $\sqrt{s}=1800$ GeV. Physical Review D, 1991, 44, 29-52.	1.6	67
169	Measurement of bottom quark production in 1.8 TeV $p\bar{p}$ collisions using muons from $b$ -quark decays. Physical Review Letters, 1993, 71, 2396-2400.	2.9	66
170	Combination of CDF and D0 $W$ -Boson mass measurements. Physical Review D, 2013, 88, .	1.6	66
171	A search for pair-produced resonances in four-jet final states at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 250.	1.4	66
172	First Observation of the All-Hadronic Decay of $t\bar{t}$ Pairs. Physical Review Letters, 1997, 79, 1992-1997.	2.9	65
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175	Measurement of particle production and inclusive differential cross sections in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 171802.	1.6	64
176	Measurement of the $W+W\tau^+$ Production Cross Section and Search for Anomalous $WW\tau^3$ and $WWZ$ Couplings in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 29201801.	2.9	64
177	Evidence for the $H\rightarrow b\bar{b}$ decay with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	64
178	Jet energy scale and resolution measured in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	64
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#	ARTICLE	IF	CITATIONS
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187	Charge Asymmetry in W-Boson Decays Produced in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1995, 74, 850-854.	2.9	61
188	Measurement of the $t\bar{t}$ production cross section in $pp$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2001, 64, .	1.6	61
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206	Observation of $s$ -Channel Production of Single Top Quarks at the Tevatron. Physical Review Letters, 2014, 112, 231803.	2.9	56
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238	First run II measurement of the $W$ boson mass at the Fermilab Tevatron. Physical Review D, 2008, 77, .	1.6	49
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255	First Measurement of the $W$ -Boson Mass in Run II of the Tevatron. Physical Review Letters, 2008, 101, 252001.	2.9	46
256	Measurements of the Angular Distributions of Muons from $W$ Decays in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 252001.	2.9	46
257	Measurement of the $W$ -Boson Mass in Run II of the Tevatron. Physical Review Letters, 2008, 101, 252001.	1.6	46
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261	Search for Charged Bosons Heavier than the $W$ Boson in pp Collisions at $\sqrt{s} = 1800$ GeV. Physical Review Letters, 1995, 74, 2900-2904.	2.9	45
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263	Measurement of the Single-Top-Quark Production Cross Section at CDF. Physical Review Letters, 2008, 101, 252001.	2.9	45
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265	Measurement of the $W$ -Boson Mass in Run II of the Tevatron. Physical Review Letters, 2008, 101, 252001.	1.6	45
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277	Search for Higgs Bosons Predicted in Two-Higgs-Doublet Models via Decays to Tau Lepton Pairs in $1.96$ TeV $pp$ Collisions. Physical Review Letters, 2009, 103, 031801.	2.9	43
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282	Searches for new physics in diphoton events in $pp$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1999, 59, .	1.6	42
283	Observation of Diffractive $b$ -Quark Production at the Fermilab Tevatron. Physical Review Letters, 2000, 84, 232-237.	2.9	42
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286	Search for New High-Mass Particles Decaying to Lepton Pairs in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 95, 252001.	2.9	42
287	Measurement of the Top-Quark Mass with Dilepton Events Selected Using Neuroevolution at CDF. Physical Review Letters, 2009, 102, 152001.	2.9	42
288	Production of $\eta(2S)$ mesons in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 80, .	1.6	42

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291	Measurement of the Strong Coupling Constant from Inclusive Jet Production at the Tevatron $p\bar{p}$ Collider. Physical Review Letters, 2002, 88, 042001.	2.9	41
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295	Search for Resonant $t\bar{t}$ Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 221803.	2.9	41
296	Measurement of the $t\bar{t}Z$ and $t\bar{t}W$ production cross sections in multilepton final states using 3.2 fb $^{-1}$ of $p\bar{p}$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 40.	1.4	41
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298	Higgs boson production cross-section measurements and their EFT interpretation in the $4\ell$ decay channel at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	41
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300	Measurement of jet shapes in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1993, 70, 713-717.	2.9	40
301	Evidence for $W+W$ Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1997, 78, 4536-4540.	2.9	40
302	Search for New Physics Using High-Mass Tau Pairs from 1.96 TeV $p\bar{p}$ Collisions. Physical Review Letters, 2005, 95, 131801.	2.9	40
303	Model-independent and quasi-model-independent search for new physics at CDF. Physical Review D, 2008, 78, .	1.6	40
304	Measurement of Resonance Parameters of Orbitally Excited Narrow Mesons. Physical Review Letters, 2009, 102, 102003.	2.9	40
305	Search for the Decays $B(s) \rightarrow e^+e^-$ and $B(s) \rightarrow e^+e^-$ in CDF Run II. Physical Review Letters, 2009, 102, 201801.	2.9	40
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308	Measurement of the production and muonic decay rate of W and Z bosons in pp collisions at $\sqrt{s} = 1.8 \text{ TeV}$ . Physical Review Letters, 1992, 69, 28-32.	2.9	39
309	Measurement of the $B^0 \rightarrow B^0$ Oscillation Frequency Using $B^0 \rightarrow B^0$ Meson Charge-Flavor Correlations in pp Collisions at $\sqrt{s} = 1.8 \text{ TeV}$ . Physical Review Letters, 1998, 80, 2057-2062.	2.9	39
310	Double Diffraction Dissociation at the Fermilab Tevatron Collider. Physical Review Letters, 2001, 87, 141802.	2.9	39
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312	Direct Search for Dirac Magnetic Monopoles in pp Collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review Letters, 2006, 96, 201801.	2.9	39
313	Measurement of Lifetime and Decay-Width Difference in $B_s^0 \rightarrow J/\psi$ Decays. Physical Review Letters, 2008, 100, 121803.	2.9	39
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315	Search for flavour-changing neutral current top-quark decays to $q Z$ in $pp$ collision data collected with the ATLAS detector at $\sqrt{s} = 8 \text{ TeV}$ . European Physical Journal C, 2016, 76, 12.	1.4	39
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322	Inclusive Search for Standard Model Higgs Boson Production in the $WW$ Decay Channel Using the CDF II Detector. Physical Review Letters, 2010, 104, 061803.	2.9	38
323	Evidence for the Charmless Annihilation Decay Mode $B \rightarrow \mu^+\mu^-$ . Physical Review Letters, 2012, 108, 211803.	2.9	38
324	Measurement of the Inclusive Leptonic Asymmetry in Top-Quark Pairs that Decay to Two Charged Leptons at CDF. Physical Review Letters, 2014, 113, 042001.	2.9	38

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333	Pulsed Neutron Scattering Search for $0^+ \rightarrow 0^+$ Transitions	2.9	37
334	Study of substructure of high transverse momentum jets produced in proton-antiproton collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review D, 2012, 85, .	1.6	37
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341	Combination of CDF and D0 measurements of the W boson helicity in top quark decays. Physical Review D, 2012, 85, .	1.6	36
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356	Measurement of the $C$ and $P$ -violating phase in $p\bar{A}p$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 95, 022003.	1.6	34
357	Evidence for a bottom baryon resonance $\Lambda_b^0$ in CDF data. Physical Review D, 2013, 88, .	1.6	34
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360	Search for direct production of electroweakinos in final states with one lepton, missing transverse momentum and a Higgs boson decaying into two b-jets in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	34

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371	Search for a Heavy Toplike Quark in $W H \rightarrow b \nu$ Collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	2.9	32
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381	Measurement of the moments of the hadronic invariant mass distribution in semileptonic $B$ decays. Physical Review D, 2005, 71, .	1.6	31
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385	Measurement of the Hadron Lifetimes in Exclusive Decays Containing a $J/\psi$ . Physical Review Letters, 2008, 100, 161803.	2.9	31
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399	Search for new particles leading to jets and $W$ bosons in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 94, 101801.	1.6	30
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402	Measurement of $W$ -Boson Polarization in Top-Quark Decay in $pp \rightarrow \tilde{\chi}^0_1$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 042002.	2.9	30
403	Observation of Exclusive $\tilde{\chi}^0_1 \tilde{\chi}^0_1$ Production in $pp \rightarrow \tilde{\chi}^0_1$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 081801.	2.9	30
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408	Search for new phenomena in events with same-charge leptons and $b$ -jets in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	30
409	Evidence for $tt$ production in the multilepton final state in proton-antiproton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	30
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416	Measurement of the Top-Quark Mass in All-Hadronic Decays in $pp$ Collisions at CDF II. Physical Review Letters, 2007, 98, 142001.	2.9	29
417	Precision measurement of the top-quark mass from dilepton events at CDF II. Physical Review D, 2007, 75, .	1.6	29
418	Measurement of cross sections for $b$ -jet production in events with a $Z$ boson in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, .	1.6	29
419	Measurement of the top pair production cross section in the dilepton decay channel in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.6	29
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429	Search for a Fermiophobic Higgs Boson Decaying into Diphotons in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 103, 061803.	2.9	28
430	Observation of the $W$ boson branching ratio $B(W \rightarrow b\bar{c})$ . Physical Review Letters, 2011, 107, 102001.	2.9	28
431	Combined Search for the Standard Model Higgs Boson Decaying to $b\bar{c}$ and $c\bar{b}$ Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111801.	2.9	28
432	Measurement of the $W$ boson cross section and triple gauge couplings in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 109, 111801.	1.6	28

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435	Measurement of lepton differential distributions and the top quark mass in $t\bar{t}$ . European Physical Journal C, 2017, 77, 804.	1.4	28
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444	Searches for direct pair production of supersymmetric top and supersymmetric bottom quarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 76, .	1.6	27
445	Measurement of the $b\bar{b}$ Lifetime in $b\bar{b} \rightarrow c\bar{c} + \bar{c}c$ Decays in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 102002.	2.9	27
446	Search for $WW$ and $WZ$ Resonances Decaying to Electron, Missing ET, and Two Jets in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 241801.	2.9	27
447	Search for the Standard Model Higgs Boson Decaying to $ab\bar{b}$ Pair in Events with One Charged Lepton and Large Missing Transverse Energy Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111804.	2.9	27
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596	Charged-Particle Multiplicity in $pp\bar{A}^-$ Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 2001, 87, 211804.	2.9	18
597	Search for the Supersymmetric Partner of the Top Quark in Dilepton Events from $pp\bar{A}^-$ Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 2003, 90, 251801.	2.9	18
598	Search for Pair Production of Scalar Top Quarks in R-Parity Violating Decay Modes in $pp\bar{A}^-$ Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 2004, 92, 051803.	2.9	18
599	Limits on anomalous triple gauge couplings in $pp\bar{A}^-$ collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review D, 2007, 76, .	1.6	18
600	Measurement of the b-hadron production cross section using decays to $1/4\bar{A}^-$ final states in $pp\bar{A}^-$ collisions at $\sqrt{s}=1.96\text{TeV}$ . Physical Review D, 2009, 79, .	1.6	18
601	Directive dijet production in $pp\bar{A}^-$ collisions at $\sqrt{s}=1.96\text{TeV}$ . Physical Review D, 2007, 76, .	1.6	18
602	Measurement of $B_s \rightarrow D_s^* + D_s^* \bar{A}^-$ Branching Ratios. Physical Review Letters, 2012, 108, 201801.	2.9	18
603	Exclusion of exotic top-like quarks with electric charge using jet-charge tagging in single-lepton $pp\bar{A}^-$ events at CDF.	1.6	18
604	First Search for Exotic Z Boson Decays into Photons and Neutral Pions in Hadron Collisions. Physical Review Letters, 2014, 112, 111803.	2.9	18
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607	Search for dark matter in association with an energetic photon in pp collisions at $\sqrt{s} = 13\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	18
608	Search for pair production of scalar leptoquarks decaying into first- or second-generation leptons and top quarks in proton-proton collisions at $\sqrt{s} = 13\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	18
609	Search for new phenomena in final states with b-jets and missing transverse momentum in $\sqrt{s} = 13\text{TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	18
610	Measurement of jet multiplicity in W events produced in $pp\bar{A}^-$ collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 1993, 70, 4042-4046.	2.9	17
611	Search for the top quark decaying to a charged Higgs boson in $pp\bar{A}^-$ collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 1994, 72, 1977-1981.	2.9	17
612	Search for Higgs Bosons Produced in Association with a Vector Boson in $pp\bar{A}^-$ Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 1998, 81, 5748-5753.	2.9	17

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614	Search for Gluinos and Squarks Using Like-Sign Dileptons in $pp \rightarrow \tilde{\chi}^0 \tilde{\chi}^0$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2001, 87, 251803.	2.9	17
615	Search for New Physics in Photon-Lepton Events in $pp \rightarrow \tilde{\chi}^0 \tilde{\chi}^0$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2002, 89, 041802.	2.9	17
616	Heavy flavor properties of jets produced in $pp \rightarrow \tilde{\chi}^0 \tilde{\chi}^0$ interactions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2004, 69, .	1.6	17
617	Measurement of mass and width of the excited charmed meson states $D_{10}$ and $D_{2^*0}$ at CDF. Physical Review D, 2006, 73, .	1.6	17
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619	Cross-Section-Constrained Top-Quark Mass Measurement from Dilepton Events at the Tevatron. Physical Review Letters, 2008, 100, 062005.	2.9	17
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621	Measurement of the top quark mass in the all-hadronic mode at CDF. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 24-31.	1.6	17
622	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. Physical Review D, 2012, 86, .	1.6	17
623	Measurement of the top quark mass in the all-hadronic mode at CDF. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 24-31.	1.5	17
624	Combination of searches for the Higgs boson using the full CDF data set. Physical Review D, 2013, 88, .	1.6	17
625	Measurement of the $B_c$ meson lifetime in the decay $B_c \rightarrow c \bar{c} \nu \bar{\nu}$ . Physical Review Letters, 2017, 118, 111801.	1.6	17
626	Search for supersymmetry in events with b-tagged jets and missing transverse momentum in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	17
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633	Search for Third-Generation Leptoquarks from Technicolor Models in $pp$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1999, 82, 3206-3211.	2.9	16
634	Measurement of the $t\bar{t}$ Production Cross Section in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV Using Missing ET+jets Events with Secondary Vertex Tagging. Physical Review Letters, 2006, 96, 202002.	2.9	16
635	Search for third generation vector leptoquarks in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2008, 77, .	1.6	16
636	First Observation of the Decay $B_s \rightarrow D_s \gamma$ and Measurement of Its Branching Ratio. Physical Review Letters, 2008, 100, 021803.	2.9	16
637	Search for a new color-octet vector particle decaying to $t\bar{t}$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> altimg="si1.gif" overflow="scroll" style="display:inline-block; vertical-align: middle;"> $\int \frac{d^3p}{(2\pi)^3} \frac{1}{p^2} \frac{1}{(p-k)^2} \frac{1}{(p+k)^2}$	1.5	16
638	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. Physical Review D, 2011, 83, .	1.6	16
639	Search for a Very Light Odd Higgs Boson in Top Quark Decays from $t\bar{t}$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> $C \times P$	2.9	16
640	Measurements of branching fraction ratios and CP-asymmetries in suppressed $B \rightarrow D^{*} K$ and $B \rightarrow D^{*} K^*$ decays. Physical Review D, 2011, 84, .	1.6	16
641	Search for scalar top quark production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	16
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643	Top-quark mass measurement in the all-hadronic $t\bar{t}$ decay channel at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	16
644	Measurement of colour flow using jet-pull observables in $t\bar{t}$ events with the ATLAS experiment at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 847.	1.4	16
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650	Further properties of high-mass multijet events at the Fermilab proton-antiproton collider. Physical Review D, 1996, 54, 4221-4233.	1.6	15
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652	Observation of Diffractive $J/\psi$ Production at the Fermilab Tevatron. Physical Review Letters, 2001, 87, 241802.	2.9	15
653	Observation of orbitally excited $B$ mesons in $pp\bar{p}$ collisions at $s=1.8$ TeV. Physical Review D, 2001, 64, .	1.6	15
654	Search for new physics in photon-lepton events in $pp\bar{p}$ collisions at $s=1.8$ TeV. Physical Review D, 2002, 66, .	1.6	15
655	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow D_s^+ \ell^- \nu_\ell)/B(B \rightarrow D^+ \ell^- \nu_\ell)$ and $B(B \rightarrow D^+ \ell^- \nu_\ell)/B(B \rightarrow D^+ \ell^- \nu_\ell)$ . Physical Review Letters, 2006, 96, 191801.	2.9	15
656	Search for Anomalous Production of Multilepton Events in $pp\bar{p}$ Collisions at $s=1.96$ TeV. Physical Review Letters, 2007, 98, 131804.	2.9	15
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658	Search for Pair Production of Scalar Top Quarks Decaying to a Lepton and a Quark in $pp\bar{p}$ Collisions at $s=1.96$ TeV. Physical Review Letters, 2009, 102, 042001.	2.9	15
659	Direct Bound on the Total Decay Width of the Top Quark in $pp\bar{p}$ Collisions at $s=1.96$ TeV. Physical Review Letters, 2009, 102, 042001.	2.9	15
660	Top quark mass measurement in the lepton plus jets channel using a modified matrix element method. Physical Review D, 2009, 79, .	1.6	15
661	Exclusion of an Exotic Top Quark with $2/3$ Electric Charge Using Soft Lepton Tagging. Physical Review Letters, 2010, 105, 101801.	2.9	15
662	Search for single top quark production in $pp\bar{p}$ collisions at $s=1.96$ TeV in the missing transverse energy plus jets topology. Physical Review D, 2010, 81, .	1.6	15
663	Search for heavy metastable particles decaying to jet pairs in $pp\bar{p}$ collisions at $s=1.96$ TeV. Physical Review D, 2012, 85, .	1.6	15
664	Search for the Standard Model Higgs Boson Produced in Association with Top Quarks Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 181802.	2.9	15
665	Indirect measurement of $\sin^2 2\beta$ using $e^+e^-$ pairs in the $Z$ -boson region with $pp\bar{p}$ collisions at a center-of-momentum energy of $1.96$ TeV. Physical Review D, 2013, 88, .	1.6	15
666	Measurement of $W$ -boson polarization in top-quark decay using the full CDF Run II data set. Physical Review D, 2013, 87, .	1.6	15

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668	Measurement of $B(\tau^+\tau^-W_b)/B(\tau^+\tau^-W_q)$ in Top-Quark-Pair Decays Using Dilepton Events and the Full CDF Run II Data Set. Physical Review Letters, 2014, 112, 221801.	2.9	15
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674	Search for $b\bar{b}$ in $p\bar{p}$ collisions at $\sqrt{s}=1.8\text{ TeV}$ . Physical Review D, 1993, 47, R2639-R2643.	1.6	14
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679	Measurement of $\theta_{c\bar{t}}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96\text{ TeV}$ in the all hadronic decay mode. Physical Review D, 2006, 74, .	1.6	14
680	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow D_s^+ \tau^+ \nu_\tau)/B(B \rightarrow D^+ \tau^+ \nu_\tau)$ and $B(B_s \rightarrow D_s^+ \tau^+ \nu_\tau)/B(B \rightarrow D^+ \tau^+ \nu_\tau)$ . Physical Review Letters, 2007, 98, 061802.	2.9	14
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682	Measurement of the $W$ Boson Width in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{ TeV}$ . Physical Review Letters, 1997, 79, 4760-4765.	2.9	14
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688	Measurement of $\sin^2 2\beta$ using $D^0$ decays to $\pi^+\pi^-\pi^0$ and $\pi^+\pi^-\pi^+\pi^-$ . Physical Review D, 2016, 93, .	1.6	14
689	A search for top squarks with R-parity-violating decays to all-hadronic final states with the ATLAS detector in $\sqrt{s}=8$ TeV proton-proton collisions. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
690	Measurement of the production cross-section of a single top quark in association with a W boson at 8 TeV with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
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692	Measurement of $VH$ production as a function of the vector-boson transverse momentum in 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
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694	Measurements of Higgs bosons decaying to bottom quarks from vector boson fusion production with the ATLAS experiment at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	14
695	Measurements of top-quark pair single- and double-differential cross-sections in the all-hadronic channel in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	14
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703	Search for Associated Production of $W$ and Vector Boson in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2003, 90, 221803.	2.9	13
704	Search for Higgs Bosons Decaying into $b\bar{b}$ and Produced in Association with a Vector Boson in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2005, 95, 051801.	2.9	13
705	Measurement of the ratio of branching fractions $B(D \rightarrow K^* \ell^+ \ell^-) / B(D \rightarrow K^* \ell^+ \ell^-)$ using the CDF II detector. Physical Review D, 2006, 74, .	1.6	13
706	Measurement of the top quark mass in $pp$ collisions at $\sqrt{s}=1.96$ TeV using the decay length technique. Physical Review D, 2007, 75, .	1.6	13
707	Search for Standard Model Higgs Bosons Produced in Association with $W$ Bosons. Physical Review Letters, 2008, 100, 041801.	2.9	13
708	Search for Gluino-Mediated Bottom Squark Production in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 221801.	2.9	13
709	Measurement of the $t\bar{t}$ production cross section in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, .	1.6	13
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714	Search for high-mass resonances decaying into $ZZ$ in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	1.6	13
715	Updated search for the standard model Higgs boson in events with jets and missing transverse energy using the full CDF data set. Physical Review D, 2013, 87, .	1.6	13
716	Top-quark mass measurement in events with jets and missing transverse energy using the full CDF data set. Physical Review D, 2013, 88, .	1.6	13
717	Measurement of the CP-violating phase $\beta_s$ and the $B_s - \bar{B}_s$ meson decay width difference with $B_s \rightarrow 0 \ell^+ \ell^-$ decays in ATLAS. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
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721	Search for squarks and gluinos in final states with one isolated lepton, jets, and missing transverse momentum at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	13
722	Measurement of QCD jet broadening in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1991, 44, 601-616.	1.6	12
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724	Search for the supersymmetric partner of the top quark in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2001, 63, .	1.6	12
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726	Measurement of the mass difference $m(D_s^+) - m(D^+)$ at CDF II. Physical Review D, 2003, 68, .	1.6	12
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730	Search for chargino-neutralino production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV using dilepton events with a lepton plus track selection. Physical Review D, 2009, 79, .	1.6	12
731	Measurement of the $t\bar{t}$ cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV using dilepton events with a lepton plus track selection. Physical Review D, 2009, 79, .	1.6	12
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733	Search for the Standard Model Higgs boson decaying to a $b\bar{b}$ pair in Events with Measurements of the Top-Quark Mass and the $t\bar{t}$ Cross Section in the Hadronic Channel. Physical Review Letters, 2014, 112, 231805.	2.9	12
734	Search for $t\bar{t}$ production via gluon-gluon fusion in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV using dilepton events with a lepton plus track selection. Physical Review D, 2009, 79, .	2.9	12
735	Search for s-Channel Single-Top-Quark Production in Events with Missing Energy Plus Jets in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2014, 112, 231805.	2.9	12
736	Measurement of the $b\bar{b}$ dijet cross section in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 670.	1.4	12
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741	Search for supersymmetry in events with four or more charged leptons in $139 \text{ fb}^{-1}$ of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	12
742	Measurements of the inclusive and differential production cross sections of a top-quark-antiquark pair in association with a Z boson at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	12
743	Search for dark matter in events with missing transverse momentum and a Higgs boson decaying into two photons in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	12
744	Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1.	1.4	12
745	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s} = 7, 8$ and $13$ TeV. European Physical Journal C, 2022, 82, 1.	1.4	12
746	Kinematics of $t\bar{t}$ events at CDF. Physical Review D, 1999, 59, .	1.6	11
747	Measurement of the azimuthal angle distribution of leptons from W boson decays as a function of the W transverse momentum in pp collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 2006, 73, .	1.6	11
748	Search for Scalar Bottom Quarks from Gluino Decays in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 171802.	2.9	11
749	Search for Chargino-Neutralino Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 99, 191806.	2.9	11
750	Search for new physics in lepton+photon+X events with $929 \text{ pb}^{-1}$ of pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 75, .	1.6	11
751	Measurement of b-jet shapes in inclusive jet production in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 75, .	1.6	11
752	Search for the Higgs Boson Using Neural Networks in Events with Missing Energy and b-Quark Jets in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 141801.	2.9	11
753	Measurement of the top-quark pair-production cross section in events with two leptons and bottom-quark jets using the full CDF data set. Physical Review D, 2013, 88, .	1.6	11
754	Measurement of four-jet differential cross sections in $\sqrt{s} = 8$ TeV proton-proton collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-76.	1.6	11
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761	Lepton asymmetry in W-boson decays from $pp \rightarrow \hat{\sigma}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1992, 68, 1458-1462.	2.9	10
762	Search for radiative b-hadron decays in $pp \rightarrow \hat{\sigma}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2002, 66, .	1.6	10
763	Search for Lepton Flavor Violating Decays of a Heavy Neutral Particle in $pp \rightarrow \hat{\sigma}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2003, 91, 171602.	2.9	10
764	Inclusive Search for Anomalous Production of High-pT Like-Sign Lepton Pairs in $pp \rightarrow \hat{\sigma}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2004, 93, 061802.	2.9	10
765	Search for Anomalous Kinematics in $t\bar{t}$ Dilepton Events at CDF II. Physical Review Letters, 2005, 95, 022001.	2.9	10
766	Search for standard model Higgs boson production in association with a $W$ boson at CDF. Physical Review D, 2008, 78, .	1.6	10
767	Search for the Associated Production of the Standard-Model Higgs Boson in the All-Hadronic Channel. Physical Review Letters, 2009, 103, 221801.	2.9	10
768	Search for the Higgs boson produced in association with a $Z$ boson, using the matrix element method at CDF II. Physical Review D, 2009, 80, .	1.6	10
769	Measurement of the top quark mass at CDF using the $\hat{\sigma}$ neutrino template method on a lepton plus isolated track sample. Physical Review D, 2009, 79, .	1.6	10
770	Measurement of the top quark mass at CDF using the $\hat{\sigma}$ neutrino template method on a lepton plus isolated track sample. Physical Review D, 2009, 79, .	1.6	10
771	Measurement of the $WW+WZ$ production cross section using a matrix element technique in lepton+jet events. Physical Review D, 2010, 82, .	1.6	10
772	Search for New Physics with a Dijet Plus Missing ET Signature in $pp \rightarrow \hat{\sigma}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 131801.	2.9	10
773	Measurement of the top quark mass in the $pp \rightarrow \hat{\sigma} \rightarrow Z \rightarrow e^+e^-$ channel using a jet flavor discriminant. Physical Review D, 2011, 84, .	1.5	10
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777	Study of top quark production and decays involving a tau lepton at CDF and limits on a charged Higgs boson contribution. Physical Review D, 2014, 89, .	1.6	10
778	Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	10
779	Measurement of the inclusive and fiducial $t\bar{t}$ production cross-sections in the. European Physical Journal C, 2018, 78, 487.	1.4	10
780	Determination of the parton distribution functions of the proton from ATLAS measurements of differential $W\Delta$ and Z boson production in association with jets. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
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782	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with $139\text{ fb}^{-1}$ of pp collision data at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	10
783	Search for dark matter produced in association with a Standard Model Higgs boson decaying into b-quarks using the full Run 2 dataset from the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
784	Search for Squarks and Gluinos via Radiative Decays of Neutralinos in Proton-Antiproton Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 1995, 75, 613-617.	2.9	9
785	Measurement of the mass of the $B_s$ meson. Physical Review D, 1996, 53, 3496-3505.	1.6	9
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788	A search for $t\bar{t}$ production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 081803.	1.5	9
789	Search for Higgs Bosons Decaying to $b\bar{b}$ and Produced in Association with $W$ Bosons in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 081803.	2.9	9
790	First measurement of the fraction of top-quark pair production through gluon-gluon fusion. Physical Review D, 2008, 78, .	1.6	9
791	Two-particle momentum correlations in jets produced in $t\bar{t}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2008, 77, .	1.6	9
792	Improved Search for a Higgs Boson Produced in Association with $Z\tau^+\tau^-$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 251802.	2.9	9

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794	Measurement of the inclusive cross-section for the production of jets in association with a Z boson in proton-proton collisions at 8 TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	9
795	Search for dark matter produced in association with a single top quark in $\sqrt{s}=13$ TeV collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	9
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798	Search for the flavor-changing neutral current decay $D^0 \rightarrow \tau^+ \tau^-$ in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2003, 68, .	1.6	8
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802	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon $b$ -tagged events. Physical Review D, 2009, 80, .	1.6	8
803	Measurement of $Z\tau^3$ production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.6	8
804	Updated search for the flavor-changing neutral-current decay $D^0 \rightarrow \tau^+ \tau^-$ in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.6	8
805	Measurement of the top-quark mass in the lepton+jets channel using a matrix element technique with the CDF II detector. Physical Review D, 2011, 84, .	1.6	8
806	Measurement of the $B^0$ lifetime using a simulation free approach for trigger bias correction. Physical Review D, 2011, 83, .	1.6	8
807	Search for the standard model Higgs boson produced in association with a $W$ boson with $7.5$ fb $^{-1}$ integrated luminosity at CDF. Physical Review D, 2012, 86, .	1.6	8
808	Measurement of the top-quark mass in the all-hadronic channel using the full CDF data set. Physical Review D, 2014, 90, .	1.6	8
809	Measurement of the ZZ production cross section using the full CDF II data set. Physical Review D, 2014, 89, .	1.6	8
810	Measurement of the $B_c$ production cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2016, 93, .	1.6	8

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812	Measurement of b-hadron pair production with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	8
813	Measurement of $W^{\pm}$ -boson and Z-boson production cross-sections in pp collisions at $\sqrt{s} = 2.76$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	8
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815	Measurements of differential cross-sections in four-lepton events in 13 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8
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818	A Silicon Vertex Detector for CDF. IEEE Transactions on Nuclear Science, 1986, 33, 140-143.	1.2	7
819	Center-of-mass angular distribution of prompt photons produced in $pp^{\bar{p}}$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1993, 71, 679-683.	2.9	7
820	Measurement of the differential dijet mass cross section in $pp^{\bar{p}}$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 2000, 61, .	1.6	7
821	Construction report of the intermediate silicon layers (ISL) ladders. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 461, 216-218.	0.7	7
822	Tests of enhanced leading order QCD in $W$ boson plus jets events from 1.8 TeV $pp^{\bar{p}}$ collisions. Physical Review D, 2001, 63, .	1.6	7
823	Cross section for forward $J/\psi$ production in $pp^{\bar{p}}$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 2002, 66, .	1.6	7
824	Search for the decay $B_s \rightarrow \tau^+ \tau^- + \tau^+ \tau^-$ in $pp^{\bar{p}}$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 2002, 65, .	1.6	7
825	Search for scalar leptoquark pairs decaying to $\tau^+ \tau^- q \bar{q}$ in $pp^{\bar{p}}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2005, 71, .	1.6	7
826	Search for New Physics in Lepton+Photon+X Events with 305 fb $^{-1}$ of $pp^{\bar{p}}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 031801.	2.9	7
827	Search for exotic $S = \pm 2$ baryons in $pp^{\bar{p}}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 75, .	1.6	7
828	Measurement of the top-quark mass using missing ET+jet events with secondary vertex b-tagging at CDF II. Physical Review D, 2007, 75, .	1.6	7

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830	Search for new heavy particles decaying to $Z\gamma$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 83, .	1.6	7
831	Measurement of the Cross Section for Prompt Isolated Diphoton Production in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	2.9	7
832	Top-Quark Mass Measurement Using Events with Missing Transverse Energy and Jets at CDF. Physical Review Letters, 2011, 107, 232002.	2.9	7
833	Search for a Higgs Boson in the Diphoton Final State in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 011801.	2.9	7
834	Novel inclusive search for the Higgs boson in the four-lepton final state at CDF. Physical Review D, 2012, 86, .	1.6	7
835	Invariant mass distribution of jet pairs produced in association with a $W$ boson in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	1.6	7
836	Measurement of $\sigma_{\text{au}} \sigma_{\text{I}}$ , polarisation in $Z/\gamma \rightarrow \text{au au} Z/\gamma$ . European Physical Journal C, 2018, 78, 163.	1.4	7
837	Search for R-parity-violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment using $\sqrt{s}=13$ TeV proton collision data. European Physical Journal C, 2021, 81, 1.	1.4	7
838	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1.	1.4	7
839	Search for flavour-changing neutral-current interactions of a top quark and a gluon in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, .	1.4	7
840	Search for the Rare Decay $W \rightarrow \tau \nu$ . Physical Review Letters, 1996, 76, 2852-2857.	2.9	6
841	The CLUE experiment operating with 4 telescopes in La Palma. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 409, 488-491.	0.7	6
842	Measurement of the Differential Cross Section for Events with Large Total Transverse Energy in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 80, 3461-3466.	2.9	6
843	Measurement of the $\sigma(W+1\text{jet})/\sigma(W)$ Cross Section Ratio from $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 81, 1367-1372.	2.9	6
844	Measurement of $b\bar{b}$ rapidity correlations in $pp$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1999, 61, .	1.6	6
845	Measurement of the associated $\tau^+\tau^-$ production cross section in $pp$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1999, 60, .	1.6	6
846	Measurement of B-meson lifetimes using fully reconstructed B decays produced in $pp$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2002, 65, .	1.6	6



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850	Measurement of the $t\bar{t}$ production cross section in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2009, 80, 072001.	1.6	6
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852	Measurement of the $t\bar{t}$ production cross section in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2009, 80, 072001.	1.6	6
853	Measurement of the branching fraction $B(B \rightarrow c\bar{c}\ell\bar{\ell})$ at CDF. Physical Review D, 2012, 85, .	1.6	6
854	Search for $WZ$ production with missing transverse energy in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2012, 85, .	1.6	6
855	Searches for the Higgs boson decaying to $W+W$ at $\sqrt{s} = 7$ TeV with the CDF II detector. Physical Review D, 2013, 88, .	1.6	6
856	Measurement of the forward-backward asymmetry of top-quark and antiquark pairs using the full CDF Run II data set. Physical Review D, 2016, 93, .	1.6	6
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858	Search for Higgs boson production in association with a high-energy photon via vector-boson fusion with decay into bottom quark pairs at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	6
859	Performance of the ATLAS Level-1 topological trigger in Run 2. European Physical Journal C, 2022, 82, 1.	1.4	6
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866	Search for new heavy particles decaying to $Z\gamma$ . Physical Review D, 2008, 78, 074017.	1.6	5
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869	Study of multi-muon events produced in $pp$ interactions at $\sqrt{s}=1.96$ TeV. European Physical Journal C, 2010, 68, 109-118.	1.4	5
870	Measurement of $t\bar{t}$ production cross section with an in-situ calibration of b-jet identification efficiency. Physical Review D, 2011, 83, 074017.	1.6	5
871	Search for the rare radiative decay $t \rightarrow \gamma W^+ b$ at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 83, 074017.	1.6	5
872	Search for anomalous production of multiple leptons in association with W and Z bosons at CDF. Physical Review D, 2012, 85, 074017.	1.6	5
873	Search for the Higgs boson in the all-hadronic final state using the full CDF data set. Journal of High Energy Physics, 2013, 2013, 1.	1.6	5
874	Production of $K_S^0$ in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2013, 87, 074017.	1.6	5
875	Search for the Higgs boson in the $pp \rightarrow \tau^+\tau^- + \text{jet}$ process. Physical Review D, 2013, 87, 074017.	2.9	5
876	Measurement of the top-quark mass in the $t\bar{t}$ dilepton channel using the full CDF Run II data set. Physical Review D, 2015, 92, 074017.	1.6	5
877	Measurement of the production and differential cross sections of $W^+W^-$ bosons in association with jets in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2015, 91, 074017.	1.6	5
878	Search for Resonances Decaying to Top and Bottom Quarks with the CDF Experiment. Physical Review Letters, 2015, 115, 061801.	2.9	5
879	Tevatron Constraints on Models of the Higgs Boson with Exotic Spin and Parity Using Decays to Bottom-Antibottom Quark Pairs. Physical Review Letters, 2015, 114, 151802.	2.9	5
880	Search for production of an $h \rightarrow \tau^+\tau^-$ resonance in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2015, 92, 074017.	1.6	5
881	A search for the decays of stopped long-lived particles at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	5
882	Search for phenomena beyond the Standard Model in events with large b-jet multiplicity using the ATLAS detector at the LHC. European Physical Journal C, 2021, 81, 1.	1.4	5

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