

# Gianluca Introzzi

## List of Publications by Year in descending order

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680  
papers

28,005  
citations

7561

77  
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14197

128  
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692  
all docs

692  
docs citations

692  
times ranked

9475  
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the $J/\psi$ meson and $b$ -hadron production cross sections in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	624
2	Observation of the Narrow State $X(3872)$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2004, 93, 072001.	2.9	531
3	Performance of the ATLAS trigger system in 2015. European Physical Journal C, 2017, 77, 317.	1.4	489
4	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
5	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490.	1.4	325
6	Observation of $B_s^0 \rightarrow B^0$ Oscillations. Physical Review Letters, 2006, 97, 242003.	2.9	311
7	$J/\psi$ and $\psi(2S)$ Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1997, 79, 572-577.	2.9	305
8	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
9	Observation of the $B_c$ Meson in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 81, 2432-2437.	2.9	285
10	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
11	Evidence for a Narrow Near-Threshold Structure in the $J/\psi$ Mass Spectrum in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2009, 102, 242002.	2.9	275
12	Determination of the jet energy scale at the Collider Detector at Fermilab. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 566, 375-412.	0.7	259
13	Double parton scattering in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1997, 56, 3811-3832.	1.6	246
14	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. Physical Review D, 2011, 83, .	1.6	238
15	Production of $J/\psi$ Mesons from $\psi(2S)$ Meson Decays in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1997, 79, 578-583.	2.9	234
16	Measurement of the $J/\psi$ production cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV using lepton+jets events with secondary vertex $b$ -tagging. Physical Review D, 2005, 71, .	1.6	231
17	Inclusive Jet Cross Section in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1996, 77, 438-443.	2.9	201
18	Observation of Electroweak Single Top-Quark Production. Physical Review Letters, 2009, 103, 092002.	2.9	199

#	ARTICLE	IF	CITATIONS
19	Search for an additional, heavy Higgs boson in the $H \rightarrow ZZ$ decay channel at $\sqrt{s} = 8$ TeV in $pp$ collision data with the ATLAS detector. European Physical Journal C, 2016, 76, 45.	1.4	197
20	Measurement of $\rho$ Polarization in $pp$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2000, 85, 2886-2891.	2.9	196
21	Analysis of the Quantum Numbers of the $X(3872)$ Particle. Physical Review Letters, 2007, 98, 132002.	2.9	193
22	Polarizations of $J/\psi$ and $\psi(2S)$ in $pp$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2008, 100, 161802.	2.9	192
23	Observation of $B_c$ mesons in $pp$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 1998, 58, .	1.6	189
24	Measurements of inclusive $W$ and $Z$ cross sections in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 2457-2544.	1.4	188
25	Forward-Backward Asymmetry in Top Quark Production in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 100, 161802.	2.9	187
26	Performance of missing transverse momentum reconstruction with the ATLAS detector using proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 903.	1.4	181
27	Violation in $C$ Production in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 100, 161802.	2.9	179
28	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. European Physical Journal C, 2015, 75, 476.	1.4	174
29	Search for $B_s \rightarrow \tau^+ \tau^-$ and $B \rightarrow \tau^+ \tau^-$ Decays with $pp$ Collisions. Physical Review Letters, 2008, 100, 101802.	2.9	173
30	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
31	Measurement of the inclusive jet cross section at the Fermilab Tevatron $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2008, 78, .	2.9	153
32	Measurement of the inclusive jet cross section at the Fermilab Tevatron $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2008, 78, .	1.6	149
33	Search for New Gauge Bosons Decaying into Dileptons in $pp$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1997, 79, 2192-2197.	2.9	147
34	Jet reconstruction and performance using particle flow with the ATLAS Detector. European Physical Journal C, 2017, 77, 466.	1.4	145
35	Precision measurement and interpretation of inclusive $W^+ W^+$ , $W^+ W^-$ . European Physical Journal C, 2017, 77, 367.	1.4	145
36	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
37	Measurement of the $B_s \rightarrow B_s^0$ Oscillation Frequency. Physical Review Letters, 2006, 97, 062003.	2.9	141
38	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. European Physical Journal C, 2015, 75, 510.	1.4	138
39	Transverse Momentum and Total Cross Section of $e^+e^-$ Pairs in the Z-Boson Region from $pp \rightarrow \mu^+\mu^-$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2000, 84, 845-850.	2.9	131
40	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
41	Search for Flavor-Changing Neutral Current Decays of the Top Quark in $pp \rightarrow t\bar{t}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 80, 2525-2530.	2.9	127
42	Top quark mass measurement using the template method in the lepton+jets channel at CDF II. Physical Review D, 2006, 73, .	1.6	124
43	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. Physical Review D, 2013, 87, .	1.6	122
44	Measurement of the Dipion Mass Spectrum in $X(3872) \rightarrow \pi^+\pi^-\pi^0$ Decays. Physical Review Letters, 2006, 96, 102002.	2.9	121
45	Observation of the Baryonic Flavor-Changing Neutral Current Decay $\Lambda_b^0 \rightarrow \Lambda^0 \pi^0$ . Physical Review Letters, 2011, 107, 201802.	2.9	121
46	First Measurement of the $t\bar{t}$ Differential Cross Section $d\sigma/dM_{t\bar{t}}$ in $pp \rightarrow t\bar{t}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 222003.	2.9	115
47	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $\sqrt{s}=8, \sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2016, 76, 538.	1.4	115
48	Measurement of Double Parton Scattering in $pp \rightarrow t\bar{t}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1997, 79, 584-589.	2.9	114
49	Measurement of the inclusive jet cross section using the $k_T$ algorithm in $pp \rightarrow t\bar{t}$ collisions at $\sqrt{s}=1.96$ TeV with the CDF II detector. Physical Review D, 2007, 75, .	1.6	114
50	Production of $\eta(1S)$ Mesons from $b\bar{b}$ Decays in $pp \rightarrow t\bar{t}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2000, 84, 2094-2099.	2.9	111
51	First Measurements of Inclusive W and Z Cross Sections from Run II of the Fermilab Tevatron Collider. Physical Review Letters, 2005, 94, 091803.	2.9	111
52	Invariant Mass Distribution of Jet Pairs Produced in Association with a W Boson in $pp \rightarrow t\bar{t}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 106, 171801.	2.9	108
53	Measurements of the Angular Distributions in the Decays $B \rightarrow K^* \mu^+ \mu^-$ . Physical Review Letters, 2011, 107, 201802.	2.9	108
54	Observation of the Decay $B_c^+ \rightarrow \mu^+ \mu^- \pi^+$ . Physical Review Letters, 2008, 100, 182002.	2.9	106

#	ARTICLE	IF	CITATIONS
55	Precise Measurement of the $W$ -Boson Mass with the CDF II Detector. Physical Review Letters, 2012, 108, 151803.	2.9	106
56	Measurement of $\sin^2\theta_{12}$ from $B \rightarrow K S_0$ with the CDF detector. Physical Review D, 2000, 61, .	1.6	105
57	Observation of the Heavy Baryons $\Lambda_c^+$ and $\Lambda_c^0$ and $\Lambda_c^+$ $\rightarrow$ $p$ $\bar{K}^0$ and $\Lambda_c^0$ $\rightarrow$ $n$ $\bar{K}^0$ Decays at CDF. Physical Review Letters, 2007, 99, 202001.	2.9	105
58	Search for Charged Higgs Bosons from Top Quark Decays in $pp \rightarrow t \bar{t} \rightarrow t \bar{t} H \rightarrow t \bar{t} W^{\pm} Z$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 042003.	2.9	103
59	Search for Charged Higgs Bosons in Decays of Top Quarks in $pp \rightarrow t \bar{t} \rightarrow t \bar{t} H \rightarrow t \bar{t} W^{\pm} Z$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 042003.	2.9	102
60	Evidence for $D^0$ $\rightarrow$ $D^{\pm} K^{\mp}$ Mixing Using the CDF II Detector. Physical Review Letters, 2003, 100, 121802.	2.9	100
61	Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1.	2.9	94
62	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
64	Direct Measurement of the $W$ Production Charge Asymmetry in $pp \rightarrow W^{\pm} Z$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 042003.	2.9	91
65	Measurement of the Difference in CP-Violating Asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^+ \bar{K}^-$ Decays at CDF. Physical Review Letters, 2012, 109, 111801.	2.9	88
66	Search for High-Mass Resonances Decaying to Dimuons at CDF. Physical Review Letters, 2009, 102, 091805.	2.9	87
67	Observation and Mass Measurement of the Baryon $\Lambda_b^0$ . Physical Review Letters, 2007, 99, 052002.	2.9	86
68	Observation of Diffractive $W$ -Boson Production at the Fermilab Tevatron. Physical Review Letters, 1997, 78, 2698-2703.	2.9	84
69	Measurement of Inclusive Jet Cross Sections in $pp \rightarrow Z + jets$ Production in $pp \rightarrow Z + jets$ Production at CDF. Physical Review Letters, 2007, 99, 052002.	2.9	83
70	Underlying event in hard interactions at the Fermilab Tevatron $p\bar{p}$ collider. Physical Review D, 2004, 70, .	1.6	82
71	Measurement of Bottom-Quark Hadron Masses in Exclusive $B \rightarrow K^* \ell^+ \ell^-$ Decays with the CDF Detector. Physical Review Letters, 2006, 96, 202001.	2.9	82
72	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

#	ARTICLE	IF	CITATIONS
73	Measurement of the Top Quark Mass. Physical Review Letters, 1998, 80, 2767-2772.	2.9	81
74	Search for Large Extra Dimensions in Final States Containing One Photon or Jet and Large Missing Transverse Energy Produced in $pp \rightarrow \gamma + \text{jet} + \cancel{E}_T$ Collisions at the Collider Detector at Fermilab. Physical Review Letters, 1998, 80, 2779-2784.	2.9	81
75	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
76	Observation of Orbitally Excited $B_s^*$ Mesons. Physical Review Letters, 2008, 100, 082001.	2.9	80
77	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
78	Observation of Exclusive Electron-Positron Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 98, 112001.	2.9	79
79	Measurement of the Lepton Charge Asymmetry in W-Boson Decays Produced in $pp \rightarrow W + \text{jet}$ Collisions. Physical Review Letters, 1998, 81, 5754-5759.	2.9	78
80	Observation of single top quark production and measurement of $ V_{tb} $ with CDF. Physical Review D, 2010, 82, .	1.6	77
81	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
82	Measurement of Dijet Angular Distributions by the Collider Detector at Fermilab. Physical Review Letters, 1996, 77, 5336-5341.	2.9	76
83	Study of jet shapes in inclusive jet production in $pp \rightarrow \text{jet} + \cancel{E}_T$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2005, 71, .	1.6	76
84	Evidence for the Exclusive Decay $B_c \rightarrow \tau^+ \nu_\tau \ell^+ \ell^-$ and Measurement of the Mass of the $B_c$ Meson. Physical Review Letters, 2006, 96, 082002.	2.9	76
85	Measurement of the cross section for $W$ -boson production in association with jets in $pp \rightarrow W + \text{jet} + \cancel{E}_T$ collisions at the Collider Detector at Fermilab. Physical Review Letters, 1998, 80, 2779-2784.	1.6	76
86	Measurement of Diffractive Dijet Production at the Fermilab Tevatron. Physical Review Letters, 1997, 79, 2636-2641.	2.9	75
87	Measurement of the Top Quark Mass with the Collider Detector at Fermilab. Physical Review Letters, 1999, 82, 271-276.	2.9	75
88	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. European Physical Journal C, 2017, 77, 673.	1.4	75
89	Search for New Bottomlike Quark Pair Decays $pp \rightarrow Q\bar{Q} + \cancel{E}_T$ at the Collider Detector at Fermilab. Physical Review Letters, 1997, 79, 2636-2641.	2.9	75



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91	Measurement of the $B_c$ Meson Lifetime Using the Decay Mode $B_c \rightarrow \tau^+ \nu_\tau$ . Physical Review Letters, 2006, 97, 012002.	2.9	73
92	Measurement of $d \rightarrow \tau^+ \nu_\tau$ branching ratio of Drell-Yan pairs in the Z mass region from $e^+e^-$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle Physics, 2006, 642, 115-120.	1.5	73
93	Search for Dark Matter in Events with One Jet and Missing Transverse Energy in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 211804.	2.9	73
94	Measurement of $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV using lepton+jet events with jet probability tagging. Physical Review D, 2006, 74, .	1.6	72
95	Measurement of $t\bar{t}$ Production Cross Section in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 97, 082004.	2.9	72
96	Reconstruction of primary vertices at the ATLAS experiment in Run 1 proton-proton collisions at the LHC. European Physical Journal C, 2017, 77, 332.	1.4	71
97	Observation of exclusive dijet production at the Fermilab Tevatron collider. Physical Review D, 2008, 77, .	1.6	70
98	Limits on Quark-Lepton Compositeness Scales from Dileptons Produced in 1.8 TeV $p\bar{p}$ Collisions. Physical Review Letters, 1997, 79, 2198-2203.	2.9	69
99	Dijet Production by Color-Singlet Exchange at the Fermilab Tevatron. Physical Review Letters, 1998, 80, 1156-1161.	2.9	69
100	Measurement of the forward-backward charge asymmetry from $W^+e^-\nu_e$ production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	69
101	Search for $Z \rightarrow e^+e^-$ Using Dielectron Mass and Angular Distribution. Physical Review Letters, 2006, 96, 211801.	2.9	69
102	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
103	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
104	Measurement of $b\bar{b}$ production correlations, $B^0B^0$ mixing, and a limit on $\mu$ Bin $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1997, 55, 2546-2558.	1.6	68
105	First Observation of the All-Hadronic Decay of $t\bar{t}$ Pairs. Physical Review Letters, 1997, 79, 1992-1997.	2.9	65
106	Measurement of CP-violating asymmetries in $D^0 \rightarrow \tau^+ \tau^-$ and $D^0 \rightarrow K^+ K^-$ decays at CDF. Physical Review D, 2012, 85, .	1.6	65
107	Comparison of the isolated direct photon cross sections in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV and $\sqrt{s}=0.63$ TeV. Physical Review D, 2002, 65, .	1.6	64
108	Measurement of particle production and inclusive differential cross sections in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, .	1.6	64

#	ARTICLE	IF	CITATIONS
109	Measurement of the $W+W\gamma$ Production Cross Section and Search for Anomalous $WW\tilde{W}$ and $WWZ$ Couplings in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 2.9 201801.		64
110	Evidence for the $H \rightarrow b\bar{b}$ decay with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	64
111	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
112	Search for Neutral Higgs Bosons of the Minimal Supersymmetric Standard Model Decaying to $\tau\tau$ Pairs in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 011802.	2.9	63
113	Search for Exclusive Z-Boson Production and Observation of High-Mass $p\bar{p} \rightarrow p\bar{p} + Z + \gamma$ Events in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 222002.	2.9	63
114	Search for the decays $B_d \rightarrow \tau^+ \tau^-$ and $B_s \rightarrow \tau^+ \tau^-$ in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1998, 57, 113016.	1.6	62
115	Measurement of the Bottom-Strange Meson Mixing Phase in the Full CDF Data Set. Physical Review Letters, 2012, 109, 171802.	2.9	62
116	Prompt and non-prompt $J/\psi$ and $\psi(2S)$ suppression at high transverse momentum in $\sqrt{s}=5.02$ TeV Pb+Pb collisions with the ATLAS experiment. European Physical Journal C, 2018, 78, 762.	1.4	61
117	Search for $B_s \rightarrow \tau^+ \tau^-$ and $B_d \rightarrow \tau^+ \tau^-$ Decays in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2004, 93, 032002.	2.9	60
118	Search for the Flavor-Changing Neutral-Current Decay $B \rightarrow p\bar{p} + Z + q$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 242002.	2.9	60
119	Search for Exclusive $Z$ Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 99, 242002.	2.9	59
120	Search for High-Mass $e^+e^-$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 103, 021802.	2.9	59
121	Search for Long-Lived Massive Charged Particles in $1.96$ TeV $p\bar{p}$ Collisions. Physical Review Letters, 2009, 103, 021802.	2.9	58
122	Measurement of the top quark mass with the collider detector at Fermilab. Physical Review D, 2001, 63, .	1.6	57
123	Search for Top-Quark Production via Flavor-Changing Neutral Currents in Jet Events at CDF. Physical Review Letters, 2009, 102, 151801.	2.9	57
124	Observation of $B_s \rightarrow K^+ K^-$ and Measurements of Branching Fractions of Charmless Two-Body Decays of $B^0$ and $B_s^0$ Mesons in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 97, 211802.	2.9	56
125	Search for Supersymmetry in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 251801.	2.9	56
126	Measurement of the Ratio $\sigma(\text{tt})/\sigma(\text{t}\bar{\text{t}})$ and Precise Extraction of the $t\bar{t}$ Cross Section. Physical Review Letters, 2010, 105, 012001.	2.9	56



#	ARTICLE	IF	CITATIONS
127	Search for pair production of Higgs bosons in the $\sqrt{s}=13$ TeV final state using proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	55
128	Dijet Production by Double Pomeron Exchange at the Fermilab Tevatron. Physical Review Letters, 2000, 85, 4215-4220.	2.9	54
129	Search for Heavy Bottomlike Quarks Decaying to an Electron or Muon and Jets in $\sqrt{s}=13$ TeV Collisions at the ATLAS Experiment. Physical Review Letters, 2011, 106, 141803.	2.9	54
130	Measurement of the Lifetime Difference between $B_s$ Mass Eigenstates. Physical Review Letters, 2005, 94, 101803.	2.9	53
131	Global search for new physics with $\sqrt{s}=1.96$ TeV at CDF. Physical Review D, 2009, 79, .	1.6	53
132	Search for Third Generation Leptoquarks in $\sqrt{s}=1.8$ TeV $p\bar{p}$ Collisions. Physical Review Letters, 1997, 78, 2906-2911.	2.9	52
133	Search for Scalar Top and Scalar Bottom Quarks in $\sqrt{s}=1.8$ TeV $p\bar{p}$ Collisions. Physical Review Letters, 2000, 84, 5704-5709.	2.9	52
134	Search for the Production of Narrow Resonances in $\sqrt{s}=1.96$ TeV $p\bar{p}$ Collisions. Physical Review Letters, 2009, 103, 041801.	2.9	52
135	Search for Neutral Supersymmetric Higgs Bosons in $\sqrt{s}=1.8$ TeV $p\bar{p}$ Collisions. Physical Review Letters, 2001, 86, 4472-4478.	2.9	51
136	Measurement of branching ratio and CP violation in the decay $B \rightarrow K^* \mu^+ \mu^-$ in the decay $B \rightarrow K^* \mu^+ \mu^-$ . Physical Review Letters, 2014, 90, .	1.6	51
137	Study of $B \rightarrow K^* \mu^+ \mu^-$ mesons and evidence for a new $B \rightarrow K^* \mu^+ \mu^-$ resonance. Physical Review D, 2014, 90, .	1.6	51
138	Measurement of $\sigma(\sqrt{s}=1.96$ TeV $p\bar{p} \rightarrow t\bar{t} + 2B \rightarrow t\bar{t} + 2B$ ) in $\sqrt{s}=1.96$ TeV $p\bar{p}$ Collisions. Physical Review Letters, 2007, 98, 232007.	2.9	50
139	Studying the underlying event in Drell-Yan and high transverse momentum jet production at the Tevatron. Physical Review D, 2010, 82, .	1.6	50
140	Measurements of Direct CP Violating Asymmetries in Charmless Decays of Strange Bottom Mesons and Bottom Baryons. Physical Review Letters, 2011, 106, 181802.	2.9	50
141	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. European Physical Journal C, 2016, 76, 295.	1.4	50
142	Search for direct top squark pair production in final states with two leptons in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 898.	1.4	50
143	Search for Long-Lived Charged Massive Particles in $\sqrt{s}=1.8$ TeV $p\bar{p}$ Collisions. Physical Review Letters, 2003, 90, 131801.	2.9	49
144	Measurement of the Inclusive Jet Cross Section Using the $k_T$ Algorithm in $\sqrt{s}=1.96$ TeV $p\bar{p}$ Collisions. Physical Review Letters, 2006, 96, 122001.	2.9	49

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145	First run II measurement of the $W$ -boson mass at the Fermilab Tevatron. Physical Review Letters, 2008, 101, 171801.	1.6	49
146	Measurement of the properties of the $Z$ -boson and measurement of the properties of the $W$ -boson in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 171801.	1.6	49
147	Measurement of the $W$ -boson mass in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 171801.	2.9	49
148	Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s}=13$ TeV $pp$ collision data collected by the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	49
149	Measurement of the $W$ -boson mass in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 171801.	2.9	48
150	Test of CP invariance in vector-boson fusion production of the Higgs boson using the Optimal Observable method in the ditau decay channel with the ATLAS detector. European Physical Journal C, 2016, 76, 658.	1.4	48
151	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 $\text{fb}^{-1}$ of $\sqrt{s}=13$ TeV $pp$ collision data with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	48
152	Search for First Generation Leptoquark Pair Production in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1997, 79, 4327-4332.	2.9	47
153	Searches for New Physics in Diphoton Events in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 81, 1791-1796.	2.9	47
154	Measurement of $B$ -hadron lifetimes using $J/\psi$ final states at CDF. Physical Review D, 1998, 57, 5382-5401.	1.6	47
155	Measurements of the properties of $\Lambda_c(2595)$ , $\Lambda_c(2625)$ , $\Lambda_c(2455)$ , and $\Lambda_c(2520)$ baryons. Physical Review D, 2011, 84, .	1.6	47
156	First Measurement of the $W$ -Boson Mass in Run II of the Tevatron. Physical Review Letters, 2007, 99, 151801.	2.9	46
157	Measurement of the $W$ -boson mass in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 171801.	2.9	46
158	Measurement of the $W$ -boson mass in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 171801.	1.6	46
159	Measurement of the Higgs boson coupling properties in the $H \rightarrow ZZ \rightarrow 4\ell$ decay channel at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	46
160	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run 2 data collected in 2015 and 2016. European Physical Journal C, 2019, 79, 1.	1.4	46
161	Search for charged Higgs bosons decaying into a top quark and a bottom quark at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	46
162	Measurement of the $B^+$ -production cross section in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	1.6	45

#	ARTICLE	IF	CITATIONS
163	Measurement of the Single-Top-Quark Production Cross Section at CDF. Physical Review Letters, 2008, 101, 252001.	2.9	45
164	Search for Doubly Charged Higgs Bosons with Lepton-Flavor-Violating Decays Involving $\tilde{l}, \tilde{\nu}_\tau$ Leptons. Physical Review Letters, 2008, 101, 121801.	2.9	45
165	Measurement of the spin correlation in $pp \rightarrow \tau^+ \tau^-$ collisions using $\tau \rightarrow \mu \nu_\tau$ decays. Physical Review Letters, 2008, 101, 121801.	1.6	45
166	Measurement of the Forward-Backward Asymmetry in the $B \rightarrow K^* \ell^+ \ell^-$ Decay and First Observation of the $B_s \rightarrow \tau^+ \tau^-$ Decay. Physical Review Letters, 2011, 106, 161801.	2.9	45
167	Differential cross sections of $f \bar{f}$ and $\tau^+ \tau^-$ in 800 GeV/c $\bar{p}$ -Si interactions. Physical Review D, 1997, 55, 3927-3932.	1.6	44
168	Measurement of the inclusive jet cross section in $pp$ interactions at $\sqrt{s} = 1.96$ TeV using a cone-based jet algorithm. Physical Review D, 2006, 74, .	1.6	44
169	Observation of New Charmless Decays of Bottom Hadrons. Physical Review Letters, 2009, 103, 031801.	2.9	44
170	Measurement of the inclusive isolated prompt photon cross section in $pp$ collisions at $\sqrt{s} = 1.96$ TeV using the CDF detector. Physical Review D, 2009, 80, .	1.6	44
171	Observation of $b \rightarrow \tau^+ \tau^-$ at the Fermilab proton-antiproton collider. Physical Review D, 1997, 55, 1142-1152.	1.6	43
172	Search for the Flavor-Changing Neutral Current Decays $B \rightarrow K^* \tau^+ \tau^-$ and $B \rightarrow K^* \tau^+ \tau^-$ . Physical Review Letters, 1999, 83, 3378-3383.	2.9	43
173	Search for Large Extra Dimensions in the Production of Jets and Missing Transverse Energy in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 171802.	2.9	43
174	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, 201801.	2.9	43
175	Measurement of the $t\bar{t}$ Production Cross Section in $pp$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1998, 80, 2773-2778.	2.9	42
176	Searches for new physics in diphoton events in $pp$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 1999, 59, .	1.6	42
177	Observation of Diffractive $b$ -Quark Production at the Fermilab Tevatron. Physical Review Letters, 2000, 84, 232-237.	2.9	42
178	Soft and hard interactions in $pp$ collisions at $\sqrt{s} = 1800$ and 630 GeV. Physical Review D, 2002, 65, .	1.6	42
179	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
180	Measurement of the Top-Quark Mass with Dilepton Events Selected Using Neuroevolution at CDF. Physical Review Letters, 2009, 102, 152001.	2.9	42

#	ARTICLE	IF	CITATIONS
181	Production of $\Upsilon(2S)$ mesons in $pp\bar{p}$ collisions at 1.96 TeV. Physical Review D, 2009, 80, .	1.6	42
182	Performance of top-quark and $W$ -boson tagging with ATLAS in Run 2 of the LHC. European Physical Journal C, 2019, 79, 1.	1.4	42
183	Limits on Extra Dimensions and New Particle Production in the Exclusive Photon and Missing Energy Signature in $pp\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2002, 89, 281801.	2.9	41
184	Measurement of the top quark mass using template methods on dilepton events in $pp\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 73, .	1.6	41
185	Inclusive Search for New Physics with Like-Sign Dilepton Events in $pp\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 221803.	2.9	41
186	Search for Resonant $t\bar{t}$ Production in $pp\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 221803.	2.9	41
187	Higgs boson production cross-section measurements and their EFT interpretation in the $W\ell\ell$ decay channel at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	41
188	Evidence for $W+W\bar{W}$ Production in $pp\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1997, 78, 4536-4540.	2.9	40
189	Search for New Physics Using High-Mass Tau Pairs from 1.96 TeV $pp\bar{p}$ Collisions. Physical Review Letters, 2005, 95, 131801.	2.9	40
190	Model-independent and quasi-model-independent search for new physics at CDF. Physical Review D, 2008, 78, .	1.6	40
191	Measurement of Resonance Parameters of Orbitally Excited Narrow $B$ Mesons. Physical Review Letters, 2009, 102, 102003.	2.9	40
192	Search for the Decays $B(s) \rightarrow e^+ \ell^- \nu_e$ and $B(s) \rightarrow e^+ e^- \nu_e$ in CDF Run II. Physical Review Letters, 2009, 102, 201801.	2.9	40
193	Measurements of b-jet tagging efficiency with the ATLAS detector using $t\bar{t}$ events at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
194	Search for heavy resonances decaying into a pair of Z bosons in the $W\ell\ell$ and $W\ell\ell\nu$ final states using 139 fb <sup>-1</sup> of proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	40
195	Measurement of the $B^0 \rightarrow B^0$ Oscillation Frequency Using $B$ Meson Charge-Flavor Correlations in $pp\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 80, 2057-2062.	2.9	39
196	Double Diffraction Dissociation at the Fermilab Tevatron Collider. Physical Review Letters, 2001, 87, 141802.	2.9	39
197	Design and construction of new central and forward muon counters for CDF II. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 538, 358-371.	0.7	39
198	Measurement of the cross section for $t\bar{t}$ production in $pp\bar{p}$ collisions using the kinematics of lepton+jets events. Physical Review D, 2005, 72, .	1.6	39

#	ARTICLE	IF	CITATIONS
199	Direct Search for Dirac Magnetic Monopoles in $pp \rightarrow \gamma \gamma$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 201801.	2.9	39
200	Measurement of Lifetime and Decay-Width Difference in $B_s^0 \rightarrow J/\psi \ell \bar{\ell}$ Decays. Physical Review Letters, 2008, 100, 121803.	2.9	39
201	Precision Top-Quark Mass Measurement at CDF. Physical Review Letters, 2012, 109, 152003.	2.9	39
202	Search for Gluino and Squark Cascade Decays at the Fermilab Tevatron Collider. Physical Review Letters, 1996, 76, 2006-2010.	2.9	38
203	Search for New Particles Decaying to $t \bar{t} \gamma$ in $pp \rightarrow \gamma \gamma$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2000, 85, 2062-2067.	2.9	38
204	Search for Quark-Lepton Compositeness and a Heavy $W \rightarrow B \gamma$ Boson Using the $e^+e^- \rightarrow \gamma \gamma$ Channel in $pp \rightarrow \gamma \gamma$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2001, 87, 231803.	2.9	38
205	Momentum distribution of charged particles in jets in dijet events in $pp \rightarrow \gamma \gamma$ collisions at $\sqrt{s} = 1.8$ TeV and comparisons to perturbative QCD predictions. Physical Review D, 2003, 68, .	1.6	38
206	Measurement of Partial Widths and Search for Direct CP Violation in $D^0$ Meson Decays to $K^+ K^-$ and $\pi^+ \pi^-$ . Physical Review Letters, 2005, 94, 122001.	2.9	38
207	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
208	Evidence for the Charmless Annihilation Decay Mode $B \rightarrow s \gamma$ . Physical Review Letters, 2012, 108, 211803.	2.9	38
209	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
210	Measurements of $WH$ and $ZH$ production in the $H \rightarrow b \bar{b}$ decay channel in $pp$ collisions at $\sqrt{s} = 13, 8$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	38
211	Measurement of the CP-Violation Parameters $\sin(2\beta_1)$ in $B_d^0 \rightarrow J/\psi K_S^0$ Decays. Physical Review Letters, 1998, 81, 5513-5518.	2.9	37
212	Search for the charged Higgs boson in the decays of top quark pairs in the $t \bar{t} \rightarrow W^+ W^- \gamma$ channels at $\sqrt{s} = 1.8$ TeV. Physical Review D, 2000, 62, .	1.6	37
213	Search for electroweak single-top-quark production in $pp \rightarrow \gamma \gamma$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2005, 71, .	1.6	37
214	Top Quark Mass Measurement in the $t \bar{t} \rightarrow W^+ W^- \gamma$ Channel Using a Matrix Element Method	2.9	37
215	Search for $W \rightarrow \mu \nu$ Decays in $pp \rightarrow \gamma \gamma$ Collisions. Physical Review Letters, 2009, 105, 252001.	2.9	37
216	Publisher's Note: Search for $B \rightarrow s \gamma$ . Physical Review Letters, 2011, 107, .	2.9	37



#	ARTICLE	IF	CITATIONS
217	Study of substructure of high transverse momentum jets produced in proton-antiproton collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	1.6	37
218	Electron and photon energy calibration with the ATLAS detector using 2015–2016 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P03017-P03017.	0.5	37
219	Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fb <sup>-1</sup> of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	37
220	Observation of WZ Production. Physical Review Letters, 2007, 98, 161801.	2.9	36
221	Measurement of the Cross Section for Prompt Isolated Diphoton Production Using the Full CDF Run II Data Sample. Physical Review Letters, 2013, 110, 101801.	2.9	36
222	Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	36
223	Search for a scalar partner of the top quark in the all-hadronic $t\bar{t}$ plus missing transverse momentum final state at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 2020, 1.	1.4	36
224	Search for narrow $t\bar{t}$ resonances in pp collisions. Physical Review Letters, 2010, 105, 161801.	1.6	35
225	First Measurement of W Boson Production in Association with a Single Charm Quark in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 100, 091803.	2.9	35
226	Events with a Rapidity Gap between Jets in p-p Collisions at $\sqrt{s} = 630$ GeV. Physical Review Letters, 1998, 81, 5278-5283.	2.9	34
227	Measurement of the $b\bar{b}$ Cross Section in 800 GeV/c Proton-Silicon Interactions. Physical Review Letters, 1999, 82, 41-44.	2.9	34
228	First Measurement of the Ratio $B(\bar{t} \rightarrow Wb)/B(\bar{t} \rightarrow Wq)$ and Associated Limit on the Cabibbo-Kobayashi-Maskawa Element $ V_{tb} $ . Physical Review Letters, 2001, 86, 3233-3238.	2.9	34
229	Measurement of the Cross Section for Prompt Diphoton Production in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 95, 022003.	2.9	34
230	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s} = 1.96$ TeV using lepton plus jets events with semileptonic B decays to muons. Physical Review D, 2005, 72, .	1.6	34
231	Search for large mass resonances decaying into bottom pairs in pp collisions. Physical Review Letters, 2010, 105, 161801.	2.9	34
232	Measurement of the $C\bar{P}$ -violating phase $\arg(V_{cb}V_{cs}^*)$ in $B \rightarrow C\bar{P}$ decays. Physical Review Letters, 2012, 109, 161801.	1.6	34
233	Evidence for a bottom baryon resonance $\Lambda_b^0$ in CDF data. Physical Review D, 2013, 88, .	1.6	34
234	Measurements of Direct $C\bar{P}$ -Violating Asymmetries in Charmless Decays of Bottom Baryons. Physical Review Letters, 2014, 113, 242001.	2.9	34



#	ARTICLE	IF	CITATIONS
235	Measurements of top-quark pair differential and double-differential cross-sections in the $b\bar{b}$ jets channel with pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	34
236	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
237	Search for a Heavy Toplike Quark in $pp \rightarrow W^+ H^+ \nu$ Collisions at $\sqrt{s}=13$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 107, 261801.	2.9	33
238	Direct Measurement of the Total Decay Width of the Top Quark. Physical Review Letters, 2013, 111, 202001.	2.9	33
239	Search for Resonant Top-Antitop Production in the Lepton Plus Jets Decay Mode Using the Full CDF Data Set. Physical Review Letters, 2013, 110, 121802.	2.9	33
240	Performance of resistive plate counters at beam flux up to 140 Hz/cm <sup>2</sup> . Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 283, 654-657.	0.7	32
241	Measurement of $W^+Z^0$ and $Z^0Z^0$ Production in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 94, 041803.	2.9	32
242	Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events with Missing Transverse Energy at CDF II. Physical Review Letters, 2010, 104, 011801.	2.9	32
243	Search for a Heavy Toplike Quark in $pp \rightarrow W^+ H^+ \nu$ Collisions at $\sqrt{s}=13$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 107, 261801.	2.9	32
244	Measurement of Polarization and Search for CP Violation in $B_s^0 \rightarrow \tau^+ \tau^-$ Decays. Physical Review Letters, 2011, 107, 261802.	2.9	32
245	Measurement of the leptonic asymmetry in $pp \rightarrow W^+ H^+ \nu$ events produced in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review Letters, 2011, 107, 261801.	1.6	32
246	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the $b\bar{b}$ decay channel at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	32
247	Production of $\tau^+ \tau^-$ and $\tau^+ \tau^- \tau^+$ in 800 GeV/c proton-silicon interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 374, 271-276.	1.5	31
248	Ratios of bottom meson branching fractions involving $B^0$ mesons and determination of b quark fragmentation fractions. Physical Review D, 1996, 54, 6596-6609.	1.6	31
249	The $\tau^+ \tau^-$ and $\tau^+ \tau^- \tau^+$ Decays of Top Quark Pairs Produced in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1997, 79, 3585-3590.	2.9	31
250	Search for Chargino-Neutralino Associated Production at the Fermilab Tevatron Collider. Physical Review Letters, 1998, 80, 5275-5280.	2.9	31
251	Measurement of the moments of the hadronic invariant mass distribution in semileptonic B decays. Physical Review D, 2005, 71, .	1.6	31
252	Search for High-Mass Resonances Decaying to $e^+ e^-$ in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 211802.	2.9	31

#	ARTICLE	IF	CITATIONS
253	Precision Top-Quark Mass Measurement in the Lepton+Jets Topology in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 022004.	2.9	31
254	Search for Heavy Toplike Quarks Using Lepton Plus Jets Events in 1.96 TeV $pp$ Collisions. Physical Review Letters, 2008, 100, 161803.	2.9	31
255	Hadron Lifetimes in Exclusive Decays Containing $B_c$ Mesons. Physical Review Letters, 2008, 100, 161803.	2.9	31
256	Measurement of the cross section for prompt isolated diphoton production in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, 012001.	1.6	31
257	Measurement of inclusive and differential cross sections in the $H \rightarrow ZZ^* \rightarrow 4\ell$ decay channel in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	31
258	Measurement of the $B_c$ Lifetime Using $B_c \rightarrow \tau^+ \nu_\tau$ Decays. Physical Review Letters, 1996, 77, 1439-1443.	2.9	30
259	Search for R-Parity Violating Supersymmetry Using Like-Sign Dielectrons in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1999, 83, 2133-2138.	2.9	30
260	Measurement of the Decay Amplitudes of $B_c \rightarrow \tau^+ \nu_\tau$ and $B_s \rightarrow \tau^+ \nu_\tau$ Decays. Physical Review Letters, 2000, 85, 4668-4673.	2.9	30
261	Search for Excited and Exotic Electrons in the $e^+e^-$ Decay Channel in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 94, 101802.	2.9	30
262	Search for new particles leading to $Z$ jets final states in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 161801.	1.6	30
263	Search for $W$ production in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2008, 77, 012001.	1.6	30
264	Strong Evidence for $ZZ$ Production in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 201801.	2.9	30
265	Search for Pair Production of Supersymmetric Top Quarks in Dilepton Events from $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 251801.	2.9	30
266	Measurement of $W$ -Boson Polarization in Top-Quark Decay in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 042002.	2.9	30
267	Observation of Exclusive $\tau^+\tau^-$ Production in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 081801.	2.9	30
268	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
269	Evidence for $t\bar{t}$ production in the multilepton final state in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	30
270	Search for Second and Third Generation Leptoquarks Including Production via Technicolor Interactions in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2000, 85, 2056-2061.	2.9	29

#	ARTICLE	IF	CITATIONS
271	Measurement of b-Quark Fragmentation Fractions in $p\bar{p}$ -Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2000, 84, 1663-1668.	2.9	29
272	Measurement of the $t\bar{t}$ -production cross section in $p\bar{p}$ -collisions at $\sqrt{s}=1.96$ TeV using kinematic fitting of b-tagged lepton+jet events. Physical Review D, 2005, 71, .	1.6	29
273	Measurement of the Top-Quark Mass in All-Hadronic Decays in $p\bar{p}$ -Collisions at CDF II. Physical Review Letters, 2007, 98, 142001.	2.9	29
274	Precision measurement of the top-quark mass from dilepton events at CDF II. Physical Review D, 2007, 75, .	1.6	29
275	Measurement of cross sections for bjet production in events with a Z boson in $p\bar{p}$ -collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, .	1.6	29
276	Measurement of the top pair production cross section in the dilepton decay channel in $p\bar{p}$ -collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.6	29
277	A measurement of the calorimeter response to single hadrons and determination of the jet energy scale uncertainty using LHC Run-1 pp-collision data with the ATLAS detector. European Physical Journal C, 2017, 77, 26.	1.4	29
278	Search for heavy diboson resonances in semileptonic final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	29
279	Forward-Backward Charge Asymmetry of Electron Pairs above the Z Pole. Physical Review Letters, 1996, 77, 2616-2621.	2.9	28
280	Measurement of the B <sub>S</sub> meson lifetime using semileptonic decays. Physical Review D, 1999, 59, .	1.6	28
281	Production of $\tau^+\tau^-$ in $p\bar{p}$ -Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2001, 86, 3963-3968.	2.9	28
282	Search for Long-Lived Doubly Charged Higgs Bosons in $p\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 95, 071801.	2.9	28
283	Search for a Fermiophobic Higgs Boson Decaying into Diphotons in $p\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 103, 061803.	2.9	28
284	Observation of the $\chi_{c1}$ and $\chi_{c2}$ in $p\bar{p}$ -Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2011, 107, 102001.	2.9	28
285	Combined Search for the Standard Model Higgs Boson Decaying to a b $\bar{b}$ Pair Using the Full $\sqrt{s}=1.96$ TeV Data Set. Physical Review Letters, 2012, 109, 111802.	2.9	28
286	Measurement of the $WZ$ cross section and triple gauge couplings in $p\bar{p}$ -collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 111802.	1.6	28
287	Search for Higgs bosons produced in association with $b\bar{b}$ quarks. Physical Review D, 2012, 85, .	1.6	28
288	Measurement of the Drell-Yan triple-differential cross section in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	28

#	ARTICLE	IF	CITATIONS
289	Search for chargino-neutralino pair production in final states with three leptons and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	28
290	Measurements of bottom-antibottom azimuthal production correlations in proton-antiproton collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 2005, 71, .	1.6	27
291	Searches for direct pair production of supersymmetric top and supersymmetric bottom quarks in $\tilde{p}\tilde{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 76, .	1.6	27
292	Measurement of the $\tilde{b}$ lifetime in $\tilde{b} \rightarrow \tilde{t} c + \tilde{c} \tilde{b}$ Decays in $\tilde{p}\tilde{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 102002.	2.9	27
293	Search for $W$ and $WZ$ Resonances Decaying to Electron, Missing ET, and Two Jets in $\tilde{p}\tilde{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 241801.	2.9	27
294	Search for the Standard Model Higgs Boson Decaying to $\tilde{b}\tilde{b}$ 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
295	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a $\tilde{l}$ , -lepton in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	27
296	Measurement of $Z$ and Drell-Yan production cross sections using dimuons in $\tilde{p}\tilde{p}$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 1999, 59, .	1.6	26
297	Search for Scalar Top Quark Production in $\tilde{p}\tilde{p}$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2000, 84, 5273-5278.	2.9	26
298	Precise Measurement of the Top-Quark Mass in the Lepton+Jets Topology at CDF II. Physical Review Letters, 2007, 99, 182002.	2.9	26
299	Measurement of anomalous trilinear gauge couplings in $Z \rightarrow \tilde{t}^3$ Events from $\tilde{p}\tilde{p}$ Collisions. Observation of $D^0 \rightarrow \tilde{t}^3$ Collisions. $\text{arXiv:1307.3750 [hep-ex]}$	2.9	26
300	Measurement of the Differential Cross Section $d\sigma/d\cos\theta$ for $D^0 \rightarrow \tilde{t}^3$ Collisions Using the CDF II Detector. Physical Review Letters, 2013, 111, 231802.	2.9	26
301	Search for Pair Production of Strongly Interacting Particles Decaying to Pairs of Jets in $\tilde{p}\tilde{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 111, 031802.	2.9	26
302	Measurements of electroweak $W_{jj}$ production and constraints on anomalous gauge couplings with the ATLAS detector. European Physical Journal C, 2017, 77, 474.	1.4	26
303	Measurements of electroweak $W_{jj}$ production and constraints on anomalous gauge couplings with the ATLAS detector. European Physical Journal C, 2017, 77, 474.	1.4	26
304	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $\tilde{b}\tilde{b}$ and $\tilde{b}\tilde{t}$ final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	26
305	Top-Quark Mass Measurement from Dilepton Events at CDF II. Physical Review Letters, 2006, 96, 152002.	2.9	25
306	Measurement of the helicity fractions of $W$ bosons from top quark decays using fully reconstructed $\tilde{t}\tilde{t}$ events with CDF II. Physical Review D, 2007, 75, .	1.6	25

#	ARTICLE	IF	CITATIONS
307	First simultaneous measurement of the top quark mass in the lepton+jets and dilepton channels at CDF. Physical Review D, 2009, 79, .	1.6	25
308	Measurement of the WW+WZ Production Cross Section Using the lepton+jets Final State at CDF II. Physical Review Letters, 2010, 104, 101801.	2.9	25
309	Measurement of the top quark mass and $p\bar{p} \rightarrow t\bar{t}$ cross section in the all-hadronic mode with the CDF II detector. Physical Review D, 2010, 81, .	1.6	25
310	Search for Production of Heavy Particles Decaying to Top Quarks and Invisible Particles in $pp \rightarrow p\bar{p} + \text{invisible}$ Collisions at CDF. Physical Review Letters, 2011, 106, 191801.	2.9	25
311	Measurement of the Mass Difference between $t$ and $\bar{t}$ Quarks. Physical Review Letters, 2011, 106, 152001.	2.9	25
312	Search for the Standard Model Higgs Boson Decaying to $ab\bar{b}$ Pair in Events with Two Oppositely Charged Leptons Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111803.	2.9	25
313	Search for Flavor-Changing Neutral Current B Meson Decays in $pp \rightarrow B$ Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 1996, 76, 4675-4680.	2.9	24
314	Search for New Particles Decaying to $b\bar{b}$ in $pp \rightarrow B$ Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 1999, 82, 2038-2043.	2.9	24
315	Search for a Fourth-Generation Quark More Massive than the Z Boson in $pp \rightarrow B$ Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 2000, 84, 835-840.	2.9	24
316	Search for first-generation scalar leptoquarks in $pp \rightarrow B$ collisions at $\sqrt{s}=1.96\text{TeV}$ . Physical Review D, 2005, 72, 1.6	1.6	24
317	Measurement of the W boson polarization in top decay at CDF at $\sqrt{s}=1.8\text{TeV}$ . Physical Review D, 2005, 71, 1.6	1.6	24
318	Top quark mass measurement from dilepton events at CDF II with the matrix-element method. Physical Review D, 2006, 74, .	1.6	24
319	Measurement of the $p\bar{p} \rightarrow t\bar{t}$ production cross section and the top quark mass at $\sqrt{s}=1.96\text{TeV}$ in the all-hadronic decay mode. Physical Review D, 2007, 76, .	1.6	24
320	Measurement of the $b$ lifetime in $pp \rightarrow B$ Collisions at $\sqrt{s}=1.96\text{TeV}$ . Physical Review Letters, 2007, 98, 122001.	2.9	24
321	Measurement of $\sigma(pp \rightarrow Z) \cdot \mathcal{B}(Z \rightarrow \tau^+\tau^-)$ in $pp \rightarrow B$ collisions at $\sqrt{s}=1.96\text{TeV}$ . Physical Review D, 2007, 75, .	1.6	24
322	Diffraction $W$ and $Z$ production at the Fermilab Tevatron. Physical Review D, 2010, 82, .	1.6	24
323	Direct Top-Quark Width Measurement at CDF. Physical Review Letters, 2010, 105, 232003.	2.9	24
324	Top quark mass measurement using the template method at CDF. Physical Review D, 2011, 83, .	1.6	24



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325	Search for New Heavy Gauge Boson Production in Association with a Single Charm Quark in Final States with Large Jet Multiplicities and Missing Transverse Energy in $pp$ Collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physical Review D, 2011, 84, .	1.6	24
326	Search for New Heavy Gauge Boson Production in Association with a Single Charm Quark in Final States with Large Jet Multiplicities and Missing Transverse Energy in $pp$ Collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physical Review D, 2011, 84, .	2.9	24
327	Evidence for $t\bar{t}$ production and measurement of $\sigma(t\bar{t})$ . Physical Review D, 2011, 84, .	1.6	24
328	Observation of the Production of a $W$ Boson in Association with a Single Charm Quark. Physical Review Letters, 2013, 110, 071801.	2.9	24
329	Measurement of the cross-section and charge asymmetry of $W$ bosons produced in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.6	24
330	Measurement of the cross-section and charge asymmetry of $W$ bosons produced in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	24
331	Measurement of fiducial and differential $W^+W^-$ production cross-sections at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	24
332	Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24
333	Measurement of Dijet Angular Distributions by the Collider Detector at Fermilab [Phys. Rev. Lett. 77, 5336 (1996)]. Physical Review Letters, 1997, 78, 4307-4308.	2.9	23
334	Direct photon cross section with conversions at CDF. Physical Review D, 2004, 70, .	1.6	23
335	$K_S^0$ production studies in $pp$ collisions at $\sqrt{s}=1800$ and $630$ GeV. Physical Review D, 2005, 72, .	1.6	23
336	Search for anomalous production of diphoton events with missing transverse energy at CDF and limits on gauge-mediated supersymmetry-breaking models. Physical Review D, 2005, 71, .	1.6	23
337	Measurement of $\sigma(\bar{t}t)$ in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 1998, 81, 222002.	2.9	23
338	Publisher's Note: Measurement of the inclusive jet cross section using the $k_T$ algorithm in $pp$ collisions at $\sqrt{s}=1.96$ TeV with the CDF II detector [Phys. Rev. D 75, 092006 (2007)]. Physical Review D, 2007, 75, .	1.6	23
339	Measurement of correlated $b\bar{b}$ production in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2008, 77, .	1.6	23
340	Search for the Production of Scalar Bottom Quarks in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 081802.	2.9	23
341	Measurement of the top quark mass in the dilepton channel using $pp$ collisions at CDF. Physical Review D, 2010, 81, .	1.6	23
342	Measurement of the inclusive jet cross-sections in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	23



#	ARTICLE	IF	CITATIONS
343	Search for doubly and singly charged Higgs bosons decaying into vector bosons in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	23
344	AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	1.3	23
345	Search for Chargino-Neutralino Production in $pp \rightarrow \tilde{\chi}^0 \tilde{\chi}^{\pm}$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1996, 76, 4307-4311.	2.9	22
346	Search for Second Generation Leptoquarks in the Dimuon Plus Dijet Channel of $pp \rightarrow \tilde{\chi}^0 \tilde{\chi}^{\pm}$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1998, 81, 4806-4811.	2.9	22
347	Direct Measurement of the $W$ Boson Width in $pp \rightarrow \tilde{\chi}^0 \tilde{\chi}^{\pm}$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2000, 85, 3347-3352.	2.9	22
348	Measurement of the Top Quark $p_T$ Distribution. Physical Review Letters, 2001, 87, 102001.	2.9	22
349	Search for Kaluza-Klein Graviton Emission in $pp \rightarrow \tilde{\chi}^0 \tilde{\chi}^{\pm}$ Collisions at $\sqrt{s} = 1.8$ TeV Using the Missing Energy Signature. Physical Review Letters, 2004, 92, 121802.	2.9	22
350	Measurement of the top quark mass with the dynamical likelihood method using lepton plus jets events with $b$ -tags in $pp \rightarrow \tilde{\chi}^0 \tilde{\chi}^{\pm}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2006, 73, .	1.6	22
351	Search for $V+A$ Current in Top-Quark Decays in $pp \rightarrow \tilde{\chi}^0 \tilde{\chi}^{\pm}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 072001.	2.9	22
352	Search for Heavy Long-Lived Particles that Decay to Photons at CDF II. Physical Review Letters, 2007, 99, 121801.	2.9	22
353	Search for Maximal Flavor Violating Scalars in Same-Charge Lepton Pairs in $pp \rightarrow \tilde{\chi}^0 \tilde{\chi}^{\pm}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 041801.	2.9	22
354	Search for a Higgs Boson Decaying to Two $W$ Bosons at CDF. Physical Review Letters, 2009, 102, 021802.	2.9	22
355	Study of the associated production of photons and $b$ -quark jets in $pp \rightarrow \tilde{\chi}^0 \tilde{\chi}^{\pm}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2010, 81, .	1.6	22
356	Measurements of branching fraction ratios and CP asymmetries in $B^0 \rightarrow \tilde{\chi}^0 \tilde{\chi}^{\pm} D^{\pm}$ decays in hadron collisions. Physical Review D, 2010, 81, .	1.6	22
357	Measurements of the top-quark mass using charged particle tracking. Physical Review D, 2010, 81, .	1.6	22
358	Search for New Physics in High $p_T$ Like-Sign Dilepton Events at CDF II. Physical Review Letters, 2011, 107, 181801.	2.9	22
359	Measurement of the masses and widths of the bottom baryons $\Lambda_b^0$ and $\Lambda_b^+$ . Physical Review D, 2012, 85, .	1.6	22
360	Measurement of the Cross Section for Direct-Photon Production in Association with a Heavy Quark in $pp \rightarrow \tilde{\chi}^0 \tilde{\chi}^{\pm}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 109, 021801.	2.9	22

#	ARTICLE	IF	CITATIONS
361	Measurement of central exclusive production cross sections for $pp \rightarrow Z + \gamma + \gamma$ in association with jets in $pp$ collisions at $\sqrt{s} = 13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.6	22
362	Search for new phenomena in events with two opposite-charge leptons, jets and missing transverse momentum in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	22
363	Search for New Particles Decaying into $b\bar{b}$ and Produced in Association with $W$ Bosons Decaying into $e\bar{\nu}_e$ or $\mu\bar{\nu}_\mu$ at the Fermilab Tevatron. Physical Review Letters, 1997, 79, 3819-3824.	1.4	22
364	Search for $B_s^0 \rightarrow B^0 \nu \nu$ Oscillations Using the Semileptonic Decay $B_s^0 \rightarrow \mu^+ \mu^- \nu \bar{\nu}$ . Physical Review Letters, 1999, 82, 3576-3580.	2.9	21
365	Search for a $W \rightarrow B$ Boson Decaying to a Top and Bottom Quark Pair in $1.8 \text{ TeV } pp$ Collisions. Physical Review Letters, 2003, 90, 081802.	2.9	21
366	Measurement of the helicity of $W$ bosons in top-quark decays. Physical Review D, 2006, 73, .	1.6	21
369	Search for second-generation scalar leptoquarks in $pp$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review D, 2006, 73, .	1.6	21
370	First Observation of $B \rightarrow B^* \gamma$ and $B \rightarrow B^* \mu^+ \mu^-$ Decays. Physical Review Letters, 2009, 103, 191802.	2.9	21
371	Measurement of the Ratio of Branching Fractions $R_{B^*} = \frac{\text{BR}(B \rightarrow B^* \mu^+ \mu^-)}{\text{BR}(B \rightarrow B^* \gamma)}$ . Physical Review Letters, 2009, 103, 191802.	1.6	21
372	Observation of $B_s^0 \rightarrow J/\psi K^*(892)^0$ and $B_s^0 \rightarrow J/\psi K_S^0$ decays. Physical Review D, 2011, 83, .	2.9	21
373	Measurement of $Z \rightarrow Z$ Production in Leptonic Final States at $\sqrt{s} = 1.96 \text{ TeV}$ at CDF. Physical Review Letters, 2012, 108, 101801.	1.4	21
374	The performance of the jet trigger for the ATLAS detector during 2011 data taking. European Physical Journal C, 2016, 76, 526.	1.6	21
374	Search for the Standard Model Higgs boson decaying into $b \bar{b}$ produced in association with top quarks decaying hadronically in $pp$ collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	21
375	Limits on Light Gravitino Production and New Processes with Large Missing Transverse Energy in $pp$ Collisions at $\sqrt{s} = 1.8 \text{ TeV}$ . Physical Review Letters, 2000, 85, 1378-1383.	2.9	20
376	Diffraction Dijet Production at $\sqrt{s} = 630$ and $1800 \text{ GeV}$ at the Fermilab Tevatron. Physical Review Letters, 2002, 88, 151802.	2.9	20
377	Measurement of the $b$ jet cross section in events with a $Z$ boson in $pp$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review D, 2006, 74, .	1.6	20
378	Search for $W \rightarrow e \nu$ boson decaying to electron-neutrino pairs in $pp$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review D, 2007, 75, .	1.6	20

#	ARTICLE	IF	CITATIONS
379	First Observation of Vector Boson Pairs in a Hadronic Final State at the Tevatron Collider. Physical Review Letters, 2009, 103, 091803.	2.9	20
380	First measurement of the ratio of branching fractions $\frac{\mathcal{B}(B \rightarrow \text{hadrons})}{\mathcal{B}(B \rightarrow \text{leptons})}$		

#	ARTICLE	IF	CITATIONS
397	Measurement of the $B_d$ oscillation frequency using dimuon data in $pp$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1999, 60, .	1.6	18
398	Search for the Supersymmetric Partner of the Top Quark in Dilepton Events from $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2003, 90, 251801. <a href="#">Limits on anomalous triple gauge couplings in <math>pp</math> collisions</a>	2.9	18
399	$pp$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2007, 76, . <a href="#">Diffractive dijet production in <math>pp</math> collisions</a>	1.6	18
400	Measurement of the $b$ -hadron production cross section using decays to $1/4$ final states in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, . <a href="#">Diffractive dijet production in <math>pp</math> collisions</a>	1.6	18
401	$pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, . <a href="#">Diffractive dijet production in <math>pp</math> collisions</a>	1.6	18
402	Measurement of $B_s \rightarrow D_s^* + D_s^*$ Branching Ratios. Physical Review Letters, 2012, 108, 201801. <a href="#">Exclusion of exotic top-like quarks with <math>pp</math> collisions</a>	2.9	18
403	Measurement of the $B_s \rightarrow D_s^* + D_s^*$ Branching Ratios. Physical Review Letters, 2012, 108, 201801. <a href="#">Exclusion of exotic top-like quarks with <math>pp</math> collisions</a>	2.9	18
404	Measurement of the $B_s \rightarrow D_s^* + D_s^*$ Branching Ratios. Physical Review Letters, 2012, 108, 201801. <a href="#">Exclusion of exotic top-like quarks with <math>pp</math> collisions</a>	2.9	18
405	Precise measurement of the $W$ -boson mass with the Collider Detector at Fermilab. Physical Review D, 2014, 89, .	1.6	18
406	Search for dark matter in association with an energetic photon in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	18
407	Search for pair production of scalar leptoquarks decaying into first- or second-generation leptons and top quarks in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	18
408	Search for new phenomena in final states with $b$ -jets and missing transverse momentum in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	18
409	Search for Higgs Bosons Produced in Association with a Vector Boson in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 81, 5748-5753.	2.9	17
410	Measurement of the $B$ oscillation frequency using $D^*$ pairs and lepton flavor tags. Physical Review D, 1999, 60, .	1.6	17
411	Search for Gluinos and Squarks Using Like-Sign Dileptons in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2001, 87, 251803.	2.9	17
412	Heavy flavor properties of jets produced in $pp$ interactions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2004, 69, .	1.6	17
413	Measurement of mass and width of the excited charmed meson states $D_{10}$ and $D_2^*$ at CDF. Physical Review D, 2006, 73, . <a href="#">Search for the Higgs Boson in Events with Missing Transverse Energy and <math>b</math>-quark jets</a>	1.6	17
414	Search for the Higgs Boson in Events with Missing Transverse Energy and $b$ -quark jets Produced in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2001, 87, 251803.	2.9	17

#	ARTICLE	IF	CITATIONS
415	Cross-Section-Constrained Top-Quark Mass Measurement from Dilepton Events at the Tevatron. Physical Review Letters, 2008, 100, 062005.	2.9	17
416	Measurement of W-boson helicity fractions in top-quark decays using $\cos\theta_{1^*}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 674, 160-167.	1.5	17
417	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
418	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
419	Combination of searches for the Higgs boson using the full CDF data set. Physical Review D, 2013, 88, .	1.6	17
420	Measurement of the $B_c$ meson lifetime in the decay $B_c \rightarrow \tau \nu_\tau$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 2018, 1.	1.6	17
421	Measurement of inclusive jet and dijet cross-sections in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
422	Performance of the missing transverse momentum triggers for the ATLAS detector during Run-2 data taking. Journal of High Energy Physics, 2020, 2020, 1.	1.6	17
423	Search for the $HH \rightarrow b\bar{b}$ process via vector-boson fusion production using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	17
424	Search for type-III seesaw heavy leptons in dilepton final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	17
425	Search for Third-Generation Leptoquarks from Technicolor Models in $pp \rightarrow \tau^+ \tau^-$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1999, 82, 3206-3211.	2.9	16
426	Measurement of the $\tau^+ \tau^-$ Production Cross Section in $pp \rightarrow \tau^+ \tau^-$ Collisions at $\sqrt{s}=1.96$ TeV Using Missing $E_T$ + jets Events with Secondary Vertex Tagging. Physical Review Letters, 2006, 96, 202002.	2.9	16
427	Search for third generation vector leptoquarks in $pp \rightarrow \tau^+ \tau^-$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2008, 77, .	1.6	16
428	First Observation of the Decay $B_s^0 \rightarrow D_s^+ D_s^-$ and Measurement of Its Branching Ratio. Physical Review Letters, 2008, 100, 021803.	2.9	16
429	Search for a Very Light Scalar Particle Decaying to $\tau^+ \tau^-$ . Physical Review Letters, 2011, 106, 011801.	1.5	16
430	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. Physical Review D, 2011, 83, .	1.6	16
431	Search for a Very Light Odd Higgs Boson in Top Quark Decays from $pp \rightarrow t \bar{t} + \text{Higgs}$ . Physical Review Letters, 2011, 106, 011801.	2.9	16
432	Measurements of branching fraction ratios and CP-asymmetries in suppressed $B^0 \rightarrow \tau^+ \tau^- D^0$ and $B^0 \rightarrow \tau^+ \tau^- D^+$ decays. Physical Review D, 2011, 84, .	1.6	16

#	ARTICLE	IF	CITATIONS
433	Search for scalar top quark production in $pp$ collisions at $\sqrt{s}=1.96\text{TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	1.6	16
434	Measurement of differential cross sections and $W^+/W^0$ cross-section ratios for $W$ boson production in association with jets at $\sqrt{s}=8\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
435	Measurement of the $B^0$ and $B^+$ Meson Lifetimes Using Semileptonic Decays. Physical Review Letters, 1996, 76, 4462-4467.	2.9	15
436	Further properties of high-mass multijet events at the Fermilab proton-antiproton collider. Physical Review D, 1996, 54, 4221-4233.	1.6	15
437	Search for a Technicolor $T$ Particle in Events with a Photon and $ab$ -Quark Jet at Fermilab. Physical Review Letters, 1999, 83, 3124-3129.	2.9	15
438	Observation of Diffractive $J/\psi$ Production at the Fermilab Tevatron. Physical Review Letters, 2001, 87, 241802.	2.9	15
439	Observation of orbitally excited $B$ mesons in $pp$ collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review D, 2001, 64, .	1.6	15
440	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow D_s^+ \ell^-) / B(B \rightarrow D^+ \ell^-)$ and $B(B \rightarrow D^0 \ell^-) / B(B \rightarrow D^+ \ell^-)$ . Physical Review Letters, 2006, 96, 191801.	2.9	15
441	Search for Anomalous Production of Multilepton Events in $pp$ Collisions at $\sqrt{s}=1.96\text{TeV}$ . Physical Review Letters, 2007, 98, 131804.	2.9	15
442	Search for heavy, long-lived neutralinos that decay to photons at CDF II using photon timing. Physical Review D, 2008, 78, .	1.6	15
443	Search for Pair Production of Scalar Top Quarks Decaying to a Lepton and a Quark in $pp$ Collisions at $\sqrt{s}=1.96\text{TeV}$ . Physical Review Letters, 2009, 102, 042001.	2.9	15
444	Direct Bound on the Total Decay Width of the Top Quark in $pp$ Collisions at $\sqrt{s}=1.96\text{TeV}$ . Physical Review Letters, 2009, 102, 042001.	2.9	15
445	Top quark mass measurement in the lepton plus jets channel using a modified matrix element method. Physical Review D, 2009, 79, .	1.6	15
446	Exclusion of an Exotic Top Quark with $2/3$ Electric Charge Using Soft Lepton Tagging. Physical Review Letters, 2010, 105, 101801.	2.9	15
447	Search for single top quark production in $pp$ collisions at $\sqrt{s}=1.96\text{TeV}$ in the missing transverse energy plus jets topology. Physical Review D, 2010, 81, .	1.6	15
448	Search for heavy metastable particles decaying to jet pairs in $pp$ collisions at $\sqrt{s}=1.96\text{TeV}$ . Physical Review D, 2012, 85, .	1.6	15
449	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
450	Indirect measurement of $\sin^2 2\beta$ using $e^+e^-$ pairs in the $Z$ -boson region with $pp$ collisions at a center-of-momentum energy of $1.96\text{TeV}$ . Physical Review D, 2013, 88, .	1.6	15



#	ARTICLE	IF	CITATIONS
451	Measurement of $\langle W \rangle$ -boson polarization in top-quark decay using the full CDF Run II data set. Physical Review D, 2013, 87, .	1.6	15
452	Measurement of $R=B(\tau^+\nu_b)/B(\tau^+\nu_\tau)$ in top-quark-pair decays using lepton+jet events and the full CDF run II dataset. Physical Review D, 2013, 87, .	1.6	15
453	Measurement of $B(\tau^+\nu_b)/B(\tau^+\nu_\tau)$ 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
454	Evidence for $s$ -Channel Single-Top-Quark Production in Events with One Charged Lepton and Two Jets at CDF. Physical Review Letters, 2014, 112, 231804.	2.9	15
455	Optimisation of large-radius jet reconstruction for the ATLAS detector in 13 TeV proton-proton collisions. European Physical Journal C, 2021, 81, 1.	1.4	15
456	Determination of jet calibration and energy resolution in proton-proton collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	15
457	Properties of Jets in $W$ Boson Events from 1.8 TeV $p\bar{p}$ Collisions. Physical Review Letters, 1997, 79, 4760-4765.	2.9	14
458	Search for Color Singlet Technicolor Particles in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2000, 84, 1110-1115.	2.9	14
459	Hadroproduction of the $\chi_{1,2}$ states of charmonium in 800-GeV/c proton-silicon interactions. Physical Review D, 2000, 62, .	1.6	14
460	Measurement of the $\chi^0$ production cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV in the all hadronic decay mode. Physical Review D, 2006, 74, .	1.6	14
461	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow \tau^+ D_s^-) / B(B \rightarrow \tau^+ D^-)$ and $B(B_s \rightarrow \tau^+ D_s^-) / B(B \rightarrow \tau^+ D^-)$ . Physical Review Letters, 2007, 98, 061802.	2.9	14
462	Direct Measurement of the $W$ Boson Width in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 061802.	2.9	14
463	Distribution of Particles in Jets Produced in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 061802.	2.9	14
464	Search for anomalous production of events with two photons and additional energetic objects at CDF. Physical Review D, 2010, 82, .	1.6	14
465	Search for a Heavy Particle Decaying to a Top Quark and a Light Quark in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 211805.	1.6	14
466	Search for a Higgs boson in the diphoton final state using the full CDF data set from $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 211805.	2.9	14
467	Search for a Heavy Particle Decaying to a Top Quark and a Light Quark in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 211805.	1.5	14
468	Measurement of indirect CP-violating asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \tau^+ \tau^-$ decays at CDF. Physical Review D, 2014, 90, .	1.6	14

#	ARTICLE	IF	CITATIONS
469	Measurement of $VH$ , $\mathcal{H} \rightarrow \mathcal{B} \overline{\mathcal{B}}$ 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
470	Search for new phenomena with top quark pairs in final states with one lepton, jets, and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	14
471	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
472	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
473	Search for $\overline{t}$ resonances in fully hadronic final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
474	Measurement of the c-jet mistagging efficiency in $t\bar{t}$ events using pp collision data at $\sqrt{s}=13$ TeV collected with the ATLAS detector. European Physical Journal C, 2022, 82, .	1.4	14
475	Resistive plate counters readout system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 307, 312-315.	0.7	13
476	The E771 RPC muon detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 315, 92-94.	0.7	13
477	Performance of the E771 RPC muon detector at Fermilab. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 337, 350-354.	0.7	13
478	Observation of Hadronic Decays in $t\bar{t}$ Events with the Collider Detector at Fermilab. Physical Review Letters, 1998, 80, 5720-5725.	2.9	13
479	Measurement of b quark fragmentation fractions in the production of strange and light mesons in pp collisions at $s=1.8$ TeV. Physical Review D, 1999, 60, .	1.6	13
480	Search for a $W \rightarrow B$ Boson via the Decay Mode $W \rightarrow \tau \nu_{\tau}$ in 1.8 TeV pp Collisions. Physical Review Letters, 2000, 84, 5716-5721.	2.9	13
481	Branching ratio measurements of exclusive $B^+$ decays to charmonium with the Collider Detector at Fermilab. Physical Review D, 2002, 66, .	1.6	13
482	Search for Associated Production of $\eta'$ and Vector Boson in pp Collisions at $s=1.8$ TeV. Physical Review Letters, 2003, 90, 221803.	2.9	13
483	Search for Higgs Bosons Decaying into $b\bar{b}$ and Produced in Association with a Vector Boson in pp Collisions at $s=1.8$ TeV. Physical Review Letters, 2005, 95, 051801.	2.9	13
484	Measurement of the ratio of branching fractions $B(D_0 \rightarrow K^+ \bar{K}^0) / B(D_0 \rightarrow K^+ \bar{K}^0)$ using the CDF II detector. Physical Review D, 2006, 74, .	1.6	13
485	Measurement of the top quark mass in pp collisions at $s=1.96$ TeV using the decay length technique. Physical Review D, 2007, 75, .	1.6	13
486	Search for Standard Model Higgs Bosons Produced in Association with $W$ Bosons. Physical Review Letters, 2008, 100, 041801.	2.9	13

#	ARTICLE	IF	CITATIONS
487	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
488	Measurement of the $\sigma(\text{pp} \rightarrow \text{t} \bar{\text{t}})$ production cross section in $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, .	1.6	13
489	Measurement of event shapes in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 83, .	1.6	13
490	Measurement of the $B_s^0$ Lifetime in Fully and Partially Reconstructed $B_s^0 \rightarrow D_s^+ \ell^- \bar{\nu}_\ell$ Decays in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 272001.	2.9	13
491	Search for a Low-Mass Standard Model Higgs Boson in the $\tau^+ \tau^-$ Decay Channel in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 181804.	2.9	13
492	Measurement of CP-violation asymmetries in $D^0 \rightarrow K_S^0 \ell^+ \ell^-$ . Physical Review D, 2012, 86, .	1.6	13
493	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
494	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
495	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
496	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
497	Measurement of the Lifetime of the $B_s^0$ Meson Using the Exclusive Decay Mode $B_s^0 \rightarrow \tau^+ \tau^-$ . Physical Review Letters, 1996, 77, 1945-1949.	2.9	12
498	Intercalibration of the longitudinal segments of a calorimeter system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 487, 381-395.	0.7	12
499	Measurement of the polar-angle distribution of leptons from W boson decay as a function of the W transverse momentum in pp collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2004, 70, .	1.6	12
500	Inclusive Double-Pomeron Exchange at the Fermilab Tevatron pp Collider. Physical Review Letters, 2004, 93, 141601.	2.9	12
501	Observation of $B_s^0 \rightarrow \tau^+ (2S) \ell^-$ and Measurement of the Ratio of Branching Fractions $B(B_s^0 \rightarrow \tau^+ (2S) \ell^-) / B(B_s^0 \rightarrow \tau^+ \ell^-)$ . Physical Review Letters, 2006, 96, 231801.	2.9	12
502	Search for chargino-neutralino production in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2008, 77, .	1.6	12
503	Measurement of the $\sigma(\text{pp} \rightarrow \text{t} \bar{\text{t}})$ production via gluon-gluon fusion in pp collisions at $\sqrt{s}=1.96$ TeV using dilepton events with a lepton plus track selection. Physical Review D, 2009, 79, .	1.6	12
504	Measurement of the fraction of $\sigma(\text{pp} \rightarrow \text{t} \bar{\text{t}})$ production via gluon-gluon fusion in pp collisions at $\sqrt{s}=1.96$ TeV using dilepton events with a lepton plus track selection. Physical Review D, 2009, 79, .	1.6	12

#	ARTICLE	IF	CITATIONS
505	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 Decay Channel at $\sqrt{s} = 13.6$ TeV. Physical Review Letters, 2014, 112, 231805.	2.9	12
506	Search for Single-Top-Quark Production in Events with Missing Energy Plus Jets in $pp$ Collisions at $\sqrt{s} = 13.6$ TeV. Physical Review Letters, 2014, 112, 231805.	2.9	12
507	Search for Single-Top-Quark Production in Events with Missing Energy Plus Jets in $pp$ Collisions at $\sqrt{s} = 13.6$ TeV. Physical Review Letters, 2014, 112, 231805.	2.9	12
508	Observation of the associated production of a top quark and a Z boson in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	12
509	Differential cross-section measurements for the electroweak production of dijets in association with a Z boson in proton-proton collisions at ATLAS. European Physical Journal C, 2021, 81, 1.	1.4	12
510	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
511	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
512	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
513	Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1.	1.4	12
514	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
515	Rapidities of produced particles in 200-GeV/c $^{+}p/K^{-}$ interactions on Au, Ag, and Mg. Physical Review D, 1990, 41, 765-773.	1.6	11
516	A preshower detector for the CDF Plug Upgrade: test beam results. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 431, 104-111.	0.7	11
517	Making the most of aging scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 453, 245-248.	0.7	11
518	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
519	Search for Scalar Bottom Quarks from Gluino Decays in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 171802.	2.9	11
520	Search for Chargino-Neutralino Production in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 99, 191806.	2.9	11
521	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
522	Measurement of $b$ -jet shapes in inclusive jet production in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 171802.	1.6	11

#	ARTICLE	IF	CITATIONS
523	Search for the Higgs Boson Using Neural Networks in Events with Missing Energy and b-Quark Jets in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 141801.	2.9	11
524	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
525	Measurements of the production cross-section for a Z boson in association with b-jets in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
526	Search for Lepton Flavor Violating Decays of a Heavy Neutral Particle in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2003, 91, 171602.	2.9	10
527	Inclusive Search for Anomalous Production of High-pT Like-Sign Lepton Pairs in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2004, 93, 061802.	2.9	10
528	Search for standard model Higgs boson production in association with a $W$ boson at CDF. Physical Review D, 2008, 78, .	1.6	10
529	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
530	Search for the Higgs boson produced in association with a $Z$ boson in the all-hadronic channel using a matrix element method at CDF. Physical Review D, 2009, 80, .	1.6	10
531	Measurement of the top quark mass at CDF using the $t$ -channel all hadronic channel using a matrix element technique in pp collisions. Physical Review D, 2009, 80, .	1.6	10
532	Measurement of the top quark mass at CDF using the $t$ -channel all hadronic channel using a matrix element technique in pp collisions. Physical Review D, 2009, 79, .	1.6	10
533	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
534	Search for New Physics with a Dijet Plus Missing ETS Signature in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 131801.	2.9	10
535	Measurement of the top quark mass in the $t$ -channel all hadronic channel using a matrix element technique in pp collisions. Physical Review D, 2009, 80, .	1.5	10
536	Measurement of the top pair production cross section in the $t$ -channel all hadronic channel using a jet flavor discriminant. Physical Review D, 2011, 84, .	1.6	10
537	Measurement of the mass difference between top and antitop quarks. Physical Review D, 2013, 87, .	1.6	10
538	Measurement of the Single Top Quark Production Cross Section and $ V_{tb} $ in Events with One Charged Lepton, Large Missing Transverse Energy, and Jets at CDF. Physical Review Letters, 2014, 113, 261804.	2.9	10
539	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
540	Determination of the parton distribution functions of the proton from ATLAS measurements of differential $W_{\pm}$ and Z boson production in association with jets. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10



#	ARTICLE	IF	CITATIONS
541	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
542	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
543	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
544	Neutral-strange-particle production in 200-GeV/cp+K+interactions on Au, Ag, and Mg. Physical Review D, 1992, 45, 734-742.	1.6	9
545	Search for the Flavor Changing Neutral Current Decay $D^0 \rightarrow \pi^+ \pi^-$ in 800 GeV Proton-Silicon Interactions. Physical Review Letters, 1996, 77, 2380-2383.	2.9	9
546	Properties of photon plus two-jet events in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 1998, 57, 67-77.	1.6	9
547	Publisher's Note: Search for $B_s^0 \rightarrow \pi^+ \pi^-$ and $B_d^0 \rightarrow \pi^+ \pi^-$ Decays in $p\bar{p}$ Collisions with CDF II [Phys. Rev. Lett. 95, 221805 (2005)]. Physical Review Letters, 2005, 95, .	2.9	9
548	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
549	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
550	First measurement of the fraction of top-quark pair production through gluon-gluon fusion. Physical Review D, 2008, 78, .	1.6	9
551	Two-particle momentum correlations in jets produced in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2008, 77, .	1.6	9
552	Improved Search for a Higgs Boson Produced in Association with $Z$ Bosons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 251802.	2.9	9
553	Search for standard model Higgs boson production in association with a $W$ boson using a matrix element technique at CDF in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	1.6	9
554	Measurement of the inclusive cross-section for the production of jets in association with a Z boson in proton-proton collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	9
555	Search for dark matter produced in association with a single top quark in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	9
556	Search for the flavor-changing neutral current decay $D^0 \rightarrow \pi^+ \pi^-$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2003, 68, .	1.6	8
557	Search for supersymmetric Higgs bosons in the di-tau decay mode in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 2005, 72, .	1.6	8
558	Search for $ZZ$ and $ZW$ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2005, 71, .	1.6	8

#	ARTICLE	IF	CITATIONS
559	Cross section measurements of high-pT dilepton final-state processes using a global fitting method. Physical Review D, 2008, 78, .	1.6	8
560	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -tagged events. Physical Review D, 2009, 80, .	1.6	8
561	Measurement of $Z\bar{\nu}\nu$ production in $pp\bar{\nu}\nu$ collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review D, 2010, 82, .	1.6	8
562	Updated search for the flavor-changing neutral-current decay $D^0 \rightarrow \pi^+ \pi^- \nu \bar{\nu}$ in $pp\bar{\nu}\nu$ collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review D, 2010, 82, .	1.6	8
563	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
564	Measurement of the $B^0$ lifetime using a simulation free approach for trigger bias correction. Physical Review D, 2011, 83, .	1.6	8
565	Search for the standard model Higgs boson produced in association with a $W^\pm$ boson with $7.5\text{ fb}^{-1}$ integrated luminosity at CDF. Physical Review D, 2012, 86, .	1.6	8
566	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
567	Measurement of the $ZZ$ production cross section using the full CDF II data set. Physical Review D, 2014, 89, .	1.6	8
568	Search for direct top squark pair production in events with a Higgs or Z boson, and missing transverse momentum in $\sqrt{s}=13\text{ TeV}$ $pp$ collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	8
569	Measurements of $W+W^\pm+1$ jet production cross-sections in $pp$ collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8
570	Measurements of differential cross-sections in four-lepton events in $13\text{ TeV}$ proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8
571	Reconstruction and identification of boosted di- $\tilde{\chi}_0$ systems in a search for Higgs boson pairs using $13\text{ TeV}$ proton-proton collision data in ATLAS. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
572	Observation of electroweak production of two jets in association with an isolated photon and missing transverse momentum, and search for a Higgs boson decaying into invisible particles at $13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2022, 82, 1.	1.4	8
573	The TRIGA board for a fast muon trigger for E771. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 314, 563-571.	0.7	7
574	The Fermilab E771 spectrometer A large aperture spectrometer to study charm and beauty states as detected by decays into muons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 376, 375-396.	0.7	7
575	Measurement of the differential dijet mass cross section in $pp\bar{\nu}\nu$ collisions at $\sqrt{s}=1.8\text{ TeV}$ . Physical Review D, 2000, 61, .	1.6	7
576	Cross section for forward $J/\psi$ production in $pp\bar{\nu}\nu$ collisions at $\sqrt{s}=1.8\text{ TeV}$ . Physical Review D, 2002, 66, .	1.6	7

#	ARTICLE	IF	CITATIONS
577	Search for scalar leptoquark pairs decaying to $\frac{1}{2}\frac{1}{2}\hat{A}^{-}qq\hat{A}^{-}$ in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	7
578	Search for New Physics in Lepton+Photon+X Events with 305 fb <sup>-1</sup> of pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 97, 031801.	2.9	7
579	Search for exotic $S=\pm 2$ baryons in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	1.6	7
580	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
581	Search for Technicolor Particles Produced in Association with a $W$ Boson at CDF. Physical Review Letters, 2010, 104, 111802.	2.9	7
582	Search for new heavy particles decaying to $Z\hat{A}^{-}lljj$ in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 83, .	1.6	7
583	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
584	Top-Quark Mass Measurement Using Events with Missing Transverse Energy and Jets at CDF. Physical Review Letters, 2011, 107, 232002.	2.9	7
585	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
586	Novel inclusive search for the Higgs boson in the four-lepton final state at CDF. Physical Review D, 2012, 86, .	1.6	7
587	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
588	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-proton collision data. European Physical Journal C, 2021, 81, 1.	1.4	7
589	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1.	1.4	7
590	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
591	A combination drift chamber/pad chamber for very high readout rates. , 0, , .		6
592	FNAL E771 fast muon trigger. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 355, 320-328.	0.7	6
593	FNAL E771 RPC muon trigger. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 334-339.	0.7	6
594	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

#	ARTICLE	IF	CITATIONS
595	Measurement of the $\sigma(W+1\text{jet})/\sigma(W)$ Cross Section Ratio from $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 1998, 81, 1367-1372.	2.9	6
596	Measurement of B-meson lifetimes using fully reconstructed B decays produced in $pp\bar{A}$ -collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review D, 2002, 65, .	1.6	6
597	Search for narrow resonances lighter than $\eta'$ mesons. European Physical Journal C, 2009, 62, 319-326.	1.4	6
598	Search for standard model Higgs boson production in association with a $W$ boson using a neural network discriminant at CDF. Physical Review D, 2009, 80, .	1.6	6
599	Measurement of the $W$ boson production cross section in $pp$ collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review D, 2009, 80, .	1.6	6
600	Measurement of the $W$ boson production cross section in $pp$ collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review D, 2009, 80, .	1.6	6
601	Measurement of the branching fraction $B(\bar{b} \rightarrow c + \bar{c} + \bar{c})$ at CDF. Physical Review D, 2012, 85, .	1.6	6
602	Search for $WZ$ production with missing transverse energy. Physical Review D, 2013, 88, .	1.6	6
603	Searches for the Higgs boson decaying to $W+W$ at $\sqrt{s}=1.8\text{TeV}$ with the CDF II detector. Physical Review D, 2013, 88, .	1.6	6
604	Measurement of the ratio of cross sections for inclusive isolated-photon production in $pp$ collisions at $\sqrt{s}=13$ and $8\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
605	Search for Higgs boson production in association with a high-energy photon via vector-boson fusion with decay into bottom quark pairs at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	6
606	Performance of the ATLAS Level-1 topological trigger in Run 2. European Physical Journal C, 2022, 82, 1.	1.4	6
607	Properties of six-jet events with large six-jet mass at the Fermilab proton-antiproton collider. Physical Review D, 1997, 56, 2532-2543.	1.6	5
608	Search for the rare decay $W \rightarrow D_s \tau$ in $pp\bar{A}$ -collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review D, 1998, 58, .	1.6	5
609	Measurement of the two-jet differential cross section in $pp\bar{A}$ collisions at $\sqrt{s}=1800\text{GeV}$ . Physical Review D, 2001, 64, .	1.6	5
610	Search for new heavy particles decaying to $Z$ with a low- $p_T$ lepton. Physical Review D, 2008, 78, .	1.6	5
611	Search for new physics in the $pp\bar{A}$ collisions at $\sqrt{s}=1.8\text{TeV}$ with a low- $p_T$ lepton. Physical Review D, 2008, 78, .	1.6	5
612	Searching the inclusive $W$ boson production in association with a $Z$ boson. Physical Review D, 2009, 80, .	1.6	5

#	ARTICLE	IF	CITATIONS
613	Measurement of the $t\bar{t}$ production cross section with an in-situ calibration of b-jet identification efficiency. Physical Review D, 2011, 83. Search for the rare radiative decay $W \rightarrow \tau \nu$ . Physical Review D, 2011, 83.	1.6	5
614	Search for the rare radiative decay $W \rightarrow \tau \nu$ . Physical Review D, 2011, 83. Search for anomalous production of multiple leptons in association with $W$ and $Z$ bosons at CDF. Physical Review D, 2012, 85, .	1.6	5
615	Search for anomalous production of multiple leptons in association with $W$ and $Z$ bosons at CDF. Physical Review D, 2012, 85, .	1.6	5
616	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. Production of a $W$ boson in association with a $Z$ boson and a $b$ quark. Physical Review D, 2013, 87, .	1.6	5
617	Search for a Two-Higgs-Boson Doublet Using a Simplified Model in $pp$ Collisions at $\sqrt{s} = 7$ and $8$ TeV. Physical Review Letters, 2013, 111, 071801. Search for a Two-Higgs-Boson Doublet Using a Simplified Model in $pp$ Collisions at $\sqrt{s} = 7$ and $8$ TeV. Physical Review Letters, 2013, 111, 071801.	1.6	5
618	Search for a Two-Higgs-Boson Doublet Using a Simplified Model in $pp$ Collisions at $\sqrt{s} = 7$ and $8$ TeV. Physical Review Letters, 2013, 111, 071801. Collisions $pp \rightarrow W^+ W^- \tau^+ \tau^-$ . Physical Review D, 2013, 87, .	2.9	5
619	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, .	1.6	5
620	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, .	1.6	5
621	Search for Resonances Decaying to Top and Bottom Quarks with the CDF Experiment. Physical Review Letters, 2015, 115, 061801. Search for production of an $W$ boson in association with a $Z$ boson and a $b$ quark. Physical Review D, 2015, 91, .	2.9	5
622	Search for production of an $W$ boson in association with a $Z$ boson and a $b$ quark. Physical Review D, 2015, 91, . Search for production of an $W$ boson in association with a $Z$ boson and a $b$ quark. Physical Review D, 2015, 91, .	1.6	5
623	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
624	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
625	The ATLAS inner detector trigger performance in $pp$ collisions at $\sqrt{s} = 13$ TeV during LHC Run 2. European Physical Journal C, 2022, 82, 1.	1.4	5
626	B physics at FNAL E771. Nuclear Physics, Section B, Proceedings Supplements, 1992, 27, 257-262.	0.5	4
627	Performance of resistive plate counters with low percentage of isobutane. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 356, 264-269.	0.7	4
628	Comparison of three-jet events in $pp$ collisions at $\sqrt{s} = 1.8$ TeV to predictions from a next-to-leading order QCD calculation. Physical Review D, 2005, 71, .	1.6	4
629	Search for the Higgs Boson Produced in Association with $Z$ bosons in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 251803. Search for the neutral current top quark decay $t \rightarrow Z c$ . Physical Review D, 2008, 78, .	2.9	4
630	Search for the neutral current top quark decay $t \rightarrow Z c$ . Physical Review D, 2008, 78, . Search for the neutral current top quark decay $t \rightarrow Z c$ . Physical Review D, 2008, 78, .	1.6	4



#	ARTICLE	IF	CITATIONS
631	Search for anomalous production of events with a photon, jet, b-quark jet, and missing transverse energy. Physical Review D, 2009, 80, .	1.6	4
632	Search for the Higgs boson in the all-hadronic final state using the CDF II detector. Physical Review D, 2011, 84, .	1.6	4
633	Search for new phenomena in events with two Z bosons and missing transverse momentum in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	1.6	4
634	Search for Supersymmetry with Like-Sign Lepton-Tau Events at CDF. Physical Review Letters, 2013, 110, 201802.	2.9	4
635	Signature-based search for delayed photons in exclusive photon plus missing transverse energy events from pp collisions with $\sqrt{s}=1.96$ TeV. Physical Review D, 2013, 88.	1.6	4
636	Search for the production of $ZW$ boson pairs decaying into charged leptons and jets in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
637	Measurement of hadronic event shapes in high- $p_T$ multijet final states at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
638	Search for top squarks in events with a Higgs or Z boson using $139\text{ fb}^{-1}$ of pp collision data at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	4
639	Measurement of the energy response of the ATLAS calorimeter to charged pions from $W^{\pm} \rightarrow \mu^{\pm} \nu_{\mu} \rightarrow \mu^{\pm} \pi^{\pm} \nu_{\mu} \nu_{\tau}$ events in Run 2 data. European Physical Journal C, 2022, 82, 1.	1.4	4
640	Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
641	Search for exotic decays of the Higgs boson into long-lived particles in pp collisions at $\sqrt{s}=13$ TeV using displaced vertices in the ATLAS inner detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
642	The super fixed target beauty facility at the SSC. Nuclear Physics, Section B, Proceedings Supplements, 1992, 27, 352-357.	0.5	3
643	Measurement of the $\sigma_{\text{had}}^{p\bar{p}}$ Cross Section in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1996, 77, 5005-5010.	2.9	3
644	Search for the rare decay $W \rightarrow \tau \nu_{\tau} \nu_{\tau}$ in proton-antiproton collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1998, 58, .	1.6	3
645	Cross section and heavy quark composition of $b\bar{b}$ events produced in pp collisions. Physical Review D, 2001, 65, .	1.6	3
646	Publisher's Note: Measurement of the W boson polarization in top decay at CDF at $\sqrt{s}=1.8$ TeV [Phys. Rev. D 71, 031101 (2005)]. Physical Review D, 2005, 71, .	1.6	3
647	Search for $b \rightarrow s \gamma$ decays in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 72, .	1.6	3
648	Search for anomalous semileptonic decay of heavy flavor hadrons produced in association with a W boson at CDF II. Physical Review D, 2006, 73, .	1.6	3

#	ARTICLE	IF	CITATIONS
649	Measurement of the ratio of branching fractions $B(\bar{b} \rightarrow \bar{c} \ell^+ \nu_{\ell})/B(\bar{b} \rightarrow \bar{c} \ell^+ \nu_{\tau})$ . Physical Review D, 2009, 79, . 1.6	1.6	3
650	Production of $\Lambda^0, \Lambda^{\pm}, \Sigma^{\pm}$ , and $\Lambda^{\pm}$ hyperons in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 86, 1.6	1.6	3
651	Search for standard model Higgs boson production in association with a W boson at CDF. Physical Review D, 2012, 85, 1.6	1.6	3
652	W-boson polarization measurement in the $W \rightarrow \ell \nu_{\ell}$ decay. Physical Review D, 2012, 85, 1.5	1.5	3
653	Measurement of single top-quark production in association with a W boson in the single-lepton channel at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.4	1.4	3
654	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. , 2015, 75, 1. 3		3
655	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. , 2015, 75, 1. 3		3
656	Measurement of b-quark fragmentation properties in jets using the decay $B \rightarrow \bar{c} \ell^+ \nu_{\ell}$ in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. 1.6	1.6	3
657	A possible use for RPCs at SDC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 344, 110-119. 0.7	0.7	2
658	First Measurement of the Ratio of Central-Electron to Forward-Electron Partial Cross Sections in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 251801. 2.9	2.9	2
659	Search for $W \rightarrow W$ production in lepton plus jets final state at CDF. Physical Review D, 2009, 79, . 1.6	1.6	2
660	Search for a heavy vector boson decaying to two gluons in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 86, . 1.6	1.6	2
661	Search for the standard model Higgs boson produced in association with a Z boson in $pp \rightarrow Z H$ collisions. Physical Review D, 2012, 85, 1.5	1.5	2
662	Search for a dijet resonance in events with jets and missing transverse energy in $pp \rightarrow Z$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2013, 88, . 1.6	1.6	2
663	Search for new physics in trilepton events and limits on the associated chargino-neutralino production at CDF. Physical Review D, 2014, 90, . 1.6	1.6	2
664	Search for exotic decays of the Higgs boson into $b\bar{b}$ and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, 1. 1.6	1.6	2
665	Measurement of the energy asymmetry in $t\bar{t}$ production at $\sqrt{s} = 13$ TeV with the ATLAS experiment and interpretation in the SMEFT framework. European Physical Journal C, 2022, 82, . 1.4	1.4	2
666	Behaviour of semi-inclusive sphericity distributions and a two-component uncorrelated cascade model. Zeitschrift für Physik C-Particles and Fields, 1984, 24, 171-174. 1.5	1.5	1

#	ARTICLE	IF	CITATIONS
667	Search for $W$ and $Z$ bosons in the reaction $p\bar{p} \rightarrow e^+e^- + \text{jets} + \text{neutrinos}$ at $\sqrt{s} = 1.8$ TeV. Physical Review D, 2006, 73, . 1 Publisher's Note: Search for High-Mass $e^+e^-$ Collisions $\sqrt{s} = 1.8$ TeV. Physical Review D, 2006, 73, . 1		1
668	Measurement of the $W$ and $Z$ boson production cross sections and search for anomalous $WW$ and $WZ$ couplings in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, .	2.9	1
669	Improved determination of the sample composition of dimuon events produced in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	1
671	Constraints on Models of the Higgs Boson with Exotic Spin and Parity using Decays to Bottom-Antibottom Quarks in the Full CDF Data Set. Physical Review Letters, 2015, 114, 141802.	2.9	1
672	Studies of high-transverse momentum jet substructure and top quarks produced in 1.96 TeV proton-antiproton collisions. Physical Review D, 2015, 91, .	1.6	1
673	A model for the optical response of plastic scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1988, 269, 161-166.	0.7	0
674	Effects of high energy protons on the E771 silicon microstrip detector. Radiation Physics and Chemistry, 1993, 41, 427-436.	1.4	0
675	Performance of double gap resistive plate counters with high gain non-flammable gases. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 87-90.	0.7	0
676	Search for Pair Production of Scalar Top Quarks Decaying to a Lepton and a Quark $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 80, .	2.9	0
677	Search for hadronic decays of $W$ and $Z$ bosons in photon events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 80, .	1.6	0
678	Search for hadronic decays of $W$ and $Z$ bosons in photon events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 80, .	1.6	0
679	Novel inclusive search for the Higgs boson in the four-lepton final state at CDF [Phys. Rev. D <b>86</b> , 072012 (2012)]. Physical Review D, 2012, 86, .	1.6	0
680	An additional study of multi-muon events produced in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physics Letters, Section A, 2012, 313, 1-4.	1.5	0