

# Stefano Giagu

## List of Publications by Year in descending order

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1,161  
papers

51,063  
citations

1883

102  
h-index

6113

159  
g-index

1184  
all docs

1184  
docs citations

1184  
times ranked

12501  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	1.4	1,187
2	Measurement of the $J/\psi$ meson and $b$ -hadron production cross sections in $pp$ collisions at $\sqrt{s} = 1960$ GeV. Physical Review D, 2005, 71, .	1.6	624
3	Search for neutral MSSM Higgs bosons at LEP. European Physical Journal C, 2006, 47, 547.	1.4	592
4	Observation of the Narrow State $X(3872)$ at $J/\psi$ in $p$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2004, 93, 072001.	2.9	531
5	Performance of the ATLAS trigger system in 2015. European Physical Journal C, 2017, 77, 317.	1.4	489
6	Muon reconstruction performance of the ATLAS detector in proton-proton collision data at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2016, 76, 292.	1.4	453
7	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	1.2	424
8	Improved luminosity determination in $pp$ collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2518.	1.4	362
9	FCC Physics Opportunities. European Physical Journal C, 2019, 79, 1.	1.4	346
10	High-precision measurement of the $W$ boson mass with the CDF II detector. Science, 2022, 376, 170-176.	6.0	336
11	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490.	1.4	325
12	Charged-particle multiplicities in $pp$ interactions measured with the ATLAS detector at the LHC. New Journal of Physics, 2011, 13, 053033.	1.2	314
13	Observation of $B_s \rightarrow B_s^0$ Oscillations. Physical Review Letters, 2006, 97, 242003.	2.9	311
14	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
15	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
16	Evidence for a Narrow Near-Threshold Structure in the $J/\psi$ Mass Spectrum in $pp$ Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2009, 102, 242002.	2.9	275
17	Measurements of the Higgs boson production and decay rates and coupling strengths using $pp$ collision data at $\sqrt{s} = 7$ and $8$ TeV in the ATLAS experiment. European Physical Journal C, 2016, 76, 6.	1.4	274
18	Jet energy measurement and its systematic uncertainty in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 17.	1.4	268

#	ARTICLE	IF	CITATIONS
19	Performance of the ATLAS Trigger System in 2010. European Physical Journal C, 2012, 72, 1.	1.4	259
20	Low-Mass Dark Matter Search with the DarkSide-50 Experiment. Physical Review Letters, 2018, 121, 081307.	2.9	259
21	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. European Physical Journal C, 2012, 72, 1.	1.4	248
22	DarkSide-20k: A 20 tonne two-phase LAr TPC for direct dark matter detection at LNGS. European Physical Journal Plus, 2018, 133, 1.	1.2	247
23	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. Physical Review D, 2011, 83, .	1.6	238
24	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 299.	1.4	238

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#	ARTICLE	IF	CITATIONS
37	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.	2.9	187
38	Measurement of the distributions of event-by-event flow harmonics in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	175
39	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
40	Search for $B_s^0 \rightarrow \tau^+ \tau^-$ and $B^0 \rightarrow \tau^+ \tau^-$ Decays with $\sqrt{s} = 7$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	179
41	Constraints on Sub-GeV Dark-Matter "Electron Scattering from the DarkSide-50 Experiment. Physical Review Letters, 2018, 121, 111303.	2.9	179
42	Search for new particles decaying into dijets in proton-antiproton collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 100, 101802.	1.6	171
43	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. European Physical Journal C, 2014, 74, 1.	1.4	172
44	Search for new high-mass phenomena in the dilepton final state using 36 fb <sup>-1</sup> of proton-proton collision data at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	168
45	Flavor physics in the quark sector. Physics Reports, 2010, 494, 197-414.	10.3	164
46	Measurement of the transverse momentum and $\phi^*$ distributions of Drell-Yan lepton pairs in proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 291.	1.4	154
47	Measurement of Prompt Charm Meson Production Cross Sections in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2003, 91, 241804.	2.9	149
48	Measurement of the inclusive jet cross section at the Fermilab Tevatron collider using a cone-based jet algorithm. Physical Review D, 2008, 78, .	1.6	149
49	DarkSide-50 532-day dark matter search with low-radioactivity argon. Physical Review D, 2018, 98, .	1.6	147

#	ARTICLE	IF	CITATIONS
55	Measurement of the top quark-pair production cross section with ATLAS in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	146
56	Search for direct production of charginos, neutralinos and sleptons in final states with two leptons and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	145
57	Jet reconstruction and performance using particle flow with the ATLAS Detector. European Physical Journal C, 2017, 77, 466.	1.4	145
58	Precision measurement and interpretation of inclusive $W^+W^-$ , $W^+W^+$ and $W^-W^-$ . European Physical Journal C, 2017, 77, 367.	1.4	145
59	Measurement of the $t\bar{t}$ production cross-section using $e^+e^-$ events with $b$ -tagged jets in pp collisions at $\sqrt{s}=7$ and $8$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3109.	1.4	143
60	Measurement of the $B_s^0 \rightarrow B_s^0$ Oscillation Frequency. Physical Review Letters, 2006, 97, 062003.	2.9	141
61	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
62	Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	137
63	Search for dark matter and other new phenomena in events with an energetic jet and large missing transverse momentum using the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	136
64	Searching for long-lived particles beyond the Standard Model at the Large Hadron Collider. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 090501.	1.4	133
65	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 199.	1.4	132
66	Measurement of the $Z/\gamma^* \rightarrow b\bar{b}$ boson transverse momentum distribution in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	131
67	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
68	Search for Dark Matter in Events with a Hadronically Decaying $W$ Boson and Missing Transverse Momentum in pp Collisions at $\sqrt{s}=8$ TeV with the ATLAS Detector. Physical Review Letters, 2014, 112, 041802.	2.9	129
69	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using $\sqrt{s}=8$ TeV proton-proton collision data. Journal of High Energy Physics, 2014, 2014, 1.	1.6	128
70	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+\tau^-$ in $t\bar{t}$ events using pp collision data at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	126
71	Search for electroweak production of supersymmetric particles in final states with two or three leptons at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 995.	1.4	125
72	Top quark mass measurement using the template method in the lepton+jets channel at CDF II. Physical Review D, 2006, 73, .	1.6	124

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73	Search for heavy neutral and charged leptons in $e^+e^-$ annihilation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 75-85.	1.5	123
74	Search for the Standard Model Higgs boson produced in association with top quarks and decaying into $\bar{b}b$ in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 349.	1.4	123
75	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. Physical Review D, 2013, 87, .	1.6	122
76	Measurement of the Dipion Mass Spectrum in $X(3872) \rightarrow \pi^+\pi^-\pi^+\pi^-$ Decays. Physical Review Letters, 2006, 96, 102002.	2.9	121
77	Readiness of the ATLAS Tile Calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 1193-1236.	1.4	121
78	Observation of the Baryonic Flavor-Changing Neutral Current Decay $\bar{b} \rightarrow \bar{c} s \ell^+ \ell^-$ . Physical Review Letters, 2011, 107, 201802.	2.9	121

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91	Measurement of $t$ production with a veto on additional central jet activity in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. European Physical Journal C, 2012, 72, 2043.	1.4	109
92	Searches for scalar leptoquarks in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 5.	1.4	109
93	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, 106, 171801.	2.9	108
94	Measurements of the Angular Distributions in the Decays $B \rightarrow \tau^+ \nu_\tau K$ and $B \rightarrow \tau^+ \nu_\tau \rho^0$ . Physical Review Letters, 2012, 108, 081807.	2.9	108
95	Constraints on new phenomena via Higgs boson couplings and invisible decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	108
96	Search for heavy resonances decaying into $WW$ in the $e^+e^- \rightarrow \gamma^*/Z \rightarrow WW$ final state in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 24.	1.4	108
97	Observation of the Decay $B \rightarrow c \tau^+ \nu_\tau$ . Physical Review Letters, 2009, 100, 102002.	2.9	106
98	Precise Measurement of the $W$ -Boson Mass with the CDF II Detector. Physical Review Letters, 2012, 108, 151803.	2.9	106
99	Observation of the Heavy Baryons $\Lambda_b^0$ and $\Lambda_b^+$ . Physical Review Letters, 2007, 99, 202001.	2.9	105
100	Measurement of the inclusive jet cross-section in pp collisions at $\sqrt{s}=2.76$ TeV and comparison to the inclusive jet cross-section at $\sqrt{s}=7$ TeV using the ATLAS detector. European Physical Journal C, 2013, 73, 2509.	1.4	105
101	Transverse Momentum in $p\bar{p}$ Collision Data at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 042003.	2.9	105
102	Search for Charged Higgs Bosons from Top Quark Decays in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 042003.	2.9	103
103	Search for Charged Higgs Bosons in Decays of Top Quarks in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 042003.	2.9	102
104	Search for direct third-generation squark pair production in final states with missing transverse momentum and two $b$ -jets in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	102
105	Search for heavy neutrinos and right-handed $W$ bosons in events with two leptons and jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 2056.	1.4	101
106	Search for heavy $ZZ$ resonances in the $e^+e^- \rightarrow \gamma^*/Z \rightarrow ZZ$ final states using proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 293.	1.4	101
107	Measurement of the atmospheric muon spectrum from 20 to 3000 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 598, 15-32.	1.5	100
108	Single- and multi-photon events with missing energy in $e^+e^-$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 587, 16-32.	1.5	100

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109	Evidence for $D^0 \rightarrow \pi^+ \pi^-$ Mixing Using the CDF II Detector. Physical Review Letters, 2008, 100, 121802.	2.9	100
110	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	100
111	Higgs boson studies at the Tevatron. Physical Review D, 2013, 88, .	1.6	98
112	The ATLAS Inner Detector commissioning and calibration. European Physical Journal C, 2010, 70, 787-821.	1.4	95
113	Constraints on the off-shell Higgs boson signal strength in the high-mass ZZ and WW final states with the ATLAS detector. European Physical Journal C, 2015, 75, 335.	1.4	95
114	Search for new phenomena in events with at least three photons collected in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 210.	1.4	95
115	Precision Measurement of the $X \rightarrow \gamma \gamma$ Cross Section at $\sqrt{s} = 8$ TeV with the ATLAS Detector. Physical Review Letters, 2016, 116, 121802.	2.9	94
116	Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1.	1.4	93
117	Search for Doubly Charged Higgs Bosons Decaying to Dileptons in $pp \rightarrow \tilde{\chi}^{\pm\pm} \rightarrow \ell^+ \ell^-$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2004, 93, 221802.	2.9	92
118	Measurements of the $W$ production cross sections in association with jets with the ATLAS detector. European Physical Journal C, 2015, 75, 82.	1.4	92
119	Production Charge Asymmetry in $pp \rightarrow p \bar{p} \gamma \gamma$ Collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector. Physical Review Letters, 2016, 116, 121802.	2.9	91
120	Studies of hadronic event structure in $e^+e^-$ annihilation from 30 to 209 GeV with the L3 detector. Physics Reports, 2004, 399, 71-174.	10.3	90
121	Observation of a New Radiative Transitions to $W$ Bosons in $pp \rightarrow W \gamma$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2004, 93, 121802.	2.9	90
122	Search for Higgs boson pair production in the $b \bar{b} \rightarrow b \bar{b} \tilde{H}^{\pm} \tilde{H}^{\mp}$ final state from pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 412.	1.4	90
123	Search for the $b \bar{b} \rightarrow b \bar{b} \tilde{H}^{\pm} \tilde{H}^{\mp}$ decay of the Standard Model Higgs boson in associated (W/Z)H production with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	89
124	Measurement of the Difference in CP-Violating Asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays at CDF. Physical Review Letters, 2012, 109, 111801.	2.9	88
125	Jet mass and substructure of inclusive jets in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS experiment. Journal of High Energy Physics, 2012, 2012, 1.	1.6	88
126	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	88



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127	Search for scalar leptons and scalar quarks at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 580, 37-49.	1.5	87
128	Search for High-Mass Resonances Decaying to Dimuons at CDF. Physical Review Letters, 2009, 102, 091805.	2.9	87
129	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. European Physical Journal C, 2017, 77, 195.	1.4	87
130	Observation and Mass Measurement of the Baryon $\Lambda_b^0$ . Physical Review Letters, 2007, 99, 052002.	2.9	86
131	Measurement of multi-particle azimuthal correlations in pp, p+Pb and low-multiplicity Pb+Pb collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 428.	1.4	86
132	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	84
133	Measurement of Inclusive Jet Cross Sections in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review Letters, 2015, 115, 022001.	2.9	83
134	Underlying event in hard interactions at the Fermilab Tevatron $p\bar{p}$ collider. Physical Review D, 2004, 70, 034004.	1.6	82
135	Measurement of Bottom-Quark Hadron Masses in Exclusive $B_c$ Decays with the CDF Detector. Physical Review Letters, 2006, 96, 202001.	2.9	82
136	Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	82
137	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
138	Search for Large Extra Dimensions in Final States Containing One Photon or Jet and Large Missing Transverse Energy Produced in $pp$ Collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review Letters, 2015, 115, 022001.	2.9	81
139	ATLAS search for new phenomena in dijet mass and angular distributions using pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	81
140	Measurement of the prompt $J/\psi$ pair production cross-section in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 76.	1.4	81
141	Observation of Orbitally Excited $B_s$ Mesons. Physical Review Letters, 2008, 100, 082001.	2.9	80
142	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
143	Observation of Exclusive Electron-Positron Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 98, 112001.	2.9	79
144	Search for production of $WW/WZ$ resonances decaying to a lepton, neutrino and jets in $pp$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 209.	1.4	79

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145	Search for lepton-flavour-violating decays of the Higgs and Z bosons with the ATLAS detector. European Physical Journal C, 2017, 77, 70.	1.4	79
146	Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 565.	1.4	79
147	Measurement of $\hat{\Gamma}(958)$ formation in two-photon collisions at LEP1. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 418, 399-410.	1.5	78
148	Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at $s = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-39.	1.6	78
149	Observation of single top quark production and measurement of $ V_{tb} $ with CDF. Physical Review D, 2010, 82, .	1.6	77
150	Light-quark and gluon jet discrimination in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3023.	1.4	77
151	Search for dark matter in events with heavy quarks and missing transverse momentum in $pp$ collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 92.	1.4	77
152	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
153	Study of jet shapes in inclusive jet production in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2005, 71, .		76
154	Evidence for the Exclusive Decay $B_c \rightarrow \tau^+ \nu_\tau$ and Measurement of the Mass of the $B_c$ Meson. Physical Review Letters, 2006, 96, 082002.	2.9	76
155	Measurement of the cross section for $W$ -boson production in association with jets in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3023.	1.6	76
156	Angular analysis of $B^0 \rightarrow \tau^+ \tau^- K^*_{S(1)}$ decays in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	76
157	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. European Physical Journal C, 2017, 77, 673.	1.4	75
158	Measurement of quarkonium production in proton-lead and proton-proton collisions at $\sqrt{s} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 171.	1.4	75
159	Higgs candidates in $e^+e^-$ interactions at $\sqrt{s} = 1.8$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 495, 18-25.	1.5	74
160	Search for New Bottomlike Quark Pair Decays $pp \rightarrow Q\bar{Q} + \tau^+\tau^-$ at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 171.		

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163	Measurement of the $B_c$ Meson Lifetime Using the Decay Mode $B_c \rightarrow \tau^+ \nu_\tau e^- \bar{\nu}_e$ . Physical Review Letters, 2006, 97, 012002.	2.9	73
164	Measurement of $d \rightarrow \tau^+ \nu_\tau$ of Drell-Yan pairs in the Z mass region from $pp \rightarrow Z \rightarrow e^+ e^-$ . Physics Letters, Section B: Nuclear, Elementary	1.5	73
165	Measurement of the inclusive and dijet cross-sections of b-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	73
166	Search for Dark Matter in Events with One Jet and Missing Transverse Energy in $pp \rightarrow \tilde{\chi}^0 \chi^{\pm} + \text{jet}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 211804.	2.9	73
167	Measurement of the production cross section of jets in association with a Z boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	73
168	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run-1 data. European Physical Journal C, 2016, 76, 666.	1.4	73
169	Search for squarks and gluinos in final states with jets and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 392.	1.4	73
170	Measurement of the $t\bar{t}$ production cross section in $pp \rightarrow \tilde{\chi}^0 \chi^{\pm} + \text{jet}$ collisions at $\sqrt{s} = 1.96$ TeV using lepton+jet events with jet probability b-tagging. Physical Review D, 2006, 74, .	1.6	72
171	Measurement of the $t\bar{t}$ Production Cross Section in $pp \rightarrow \tilde{\chi}^0 \chi^{\pm}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 082004.	2.9	72
172	Search for supersymmetry at $\sqrt{s} = 13$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. European Physical Journal C, 2016, 76, 259.	1.4	72
173	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum at $\sqrt{s} = 8$ TeV proton-proton collisions using the ATLAS experiment. Journal of High Energy Physics, 2013, 2013, 1.	1.6	71
174	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	71
175	Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	71
176	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
177	Observation of exclusive dijet production at the Fermilab Tevatron collider. Measurement of underlying event characteristics using charged particles in $pp \rightarrow \tau^+ \tau^-$ collisions at $\sqrt{s} = 900$ TeV with the ATLAS detector. Physical Review D, 2011, 83, .	1.6	70
178	Measurement of underlying event characteristics using charged particles in $pp \rightarrow \tau^+ \tau^-$ collisions at $\sqrt{s} = 900$ TeV with the ATLAS detector. Physical Review D, 2011, 83, .	1.6	70
179	Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 303.	1.4	70
180	Search for resonances in diphoton events at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	70

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181	Measurement of the forward-backward charge asymmetry from $W\hat{A}^{\pm}e^{\pm}1/2$ production in $pp\hat{A}^{\pm}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	69
182	Search for $Z\hat{A}^{\pm}\hat{A}^{\pm}e^{\pm}e^{\pm}$ Using Dielectron Mass and Angular Distribution. Physical Review Letters, 2006, 96, 211801.	2.9	69
183	Search for New Physics in High-Mass Electron-Positron Events in $pp\hat{A}^{\pm}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 171802.	2.9	69
184	Inclusive Search for Squark and Gluino Production in $pp\hat{A}^{\pm}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 121801.	2.9	69
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192	Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in $\sqrt{s}=8$ TeV $pp$ collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	66
193	A search for $t\hat{A}^{\pm}$ resonances using lepton-plus-jets events in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	66
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220	Search for doubly-charged Higgs bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 576, 18-28.	1.5	60
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224	Summary of the searches for squarks and gluinos using $\sqrt{s} = 8\text{ TeV}$ $pp$ collisions with the ATLAS experiment at the LHC. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	60
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273	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. European Physical Journal C, 2010, 70, 755-785.	1.4	51
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282	Search for manifestations of new physics in fermion-pair production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 489, 81-92.	1.5	50
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286	Measurements of Direct $C \rightarrow P$ Violating Asymmetries in Charmless Decays of Strange Bottom Mesons and Bottom Baryons. Physical Review Letters, 2011, 106, 181802.	2.9	50
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295	First Measurement of the $W$ -jet Cross Section in Events with a $W$ boson and measurement of the properties of the $W$ boson. Physical Review D, 2008, 77, 112002.	1.6	49
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318	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
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404	Top Quark Mass Measurement in the $lepton + jets$ Channel Using a Matrix Element Method	2.9	37
405	Search for $W$ boson production in $pp$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$	2.9	37
406	Search for $W$ boson production in $pp$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$	2.9	37
407	Study of substructure of high transverse momentum jets produced in proton-antiproton collisions at $\sqrt{s} = 1.96 \text{ TeV}$	1.6	37
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464	Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events with Missing Transverse Energy at CDF II. Physical Review Letters, 2010, 104, 011801. Search for a Heavy Toplike Quark in $\frac{p}{\sqrt{s}} \rightarrow \tau^+ \tau^-$	2.9	32
465	at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 261801.	2.9	32
466	Measurement of Polarization and Search for CP Violation in $B_s \rightarrow \tau^+ \tau^-$ Decays. Physical Review Letters, 2011, 107, 261802.	2.9	32
467	Search for third generation scalar leptoquarks in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1. Measurement of the leptonic asymmetry in $\tau \rightarrow \tau^+ \tau^-$	1.6	32
468	in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 261801.	1.6	32

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470	Determination of the strong coupling constant $\alpha_s$ from transverse energy-energy correlations in multijet events at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 872.	1.4	32
471	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the $H \rightarrow b\bar{b}$ decay channel at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	32
472	Determination of $\Lambda_{\text{QCD}}$ from hadronic event shapes in $e^+e^-$ annihilation at $\sqrt{s} = 10.58$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 536, 217-228.	1.5	31
473	Measurement of the cross section of W-boson pair production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 600, 22-40.	1.5	31
474	Measurement of the moments of the hadronic invariant mass distribution in semileptonic B decays. Physical Review D, 2005, 71, .	1.6	31
475	Search for High-Mass Resonances Decaying to $e^+e^-$ in $\sqrt{s} = 1.96$ TeV pp Collisions. Physical Review Letters, 2006, 96, 211802.	2.9	31
476	Precision Top-Quark Mass Measurement in the Lepton+Jets Topology in $\sqrt{s} = 1.96$ TeV pp Collisions. Physical Review Letters, 2006, 96, 022004.	2.9	31
477	Search for Heavy Toplike Quarks Using Lepton Plus Jets Events in $\sqrt{s} = 1.96$ TeV pp Collisions. Physical Review Letters, 2008, 100, 161803.	2.9	31
478	Measurements of underlying-event properties using neutral and charged particles in pp collisions at $\sqrt{s} = 900$ GeV and $\sqrt{s} = 7$ TeV with the ATLAS detector at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	31
479	Measurement of the cross section for prompt isolated diphoton production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	2.9	31
480	Measurement of the cross section for prompt isolated diphoton production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.6	31
481	Measurement of the $D^0$ -hadron production cross section using decays to $D^0 \rightarrow \pi^+ \pi^-$ in pp collisions at $\sqrt{s} = 1.96$ TeV. Nuclear Physics B, 2012, 864, 341-381.	0.9	31
482	Search for light scalar top-quark pair production in final states with two leptons with the ATLAS detector in $\sqrt{s} = 7$ TeV pp collisions. European Physical Journal C, 2012, 72, 1.	1.4	31
483	Measurement of the differential cross-section of B + meson production in pp collisions at $\sqrt{s} = 7$ TeV at ATLAS. Journal of High Energy Physics, 2013, 2013, 1.	1.6	31
484	Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 565.	1.4	31
485	A search for prompt lepton-jets in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	31
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488	Search for supersymmetry in final states with two same-sign or three leptons and jets using 36 fb <sup>-1</sup> of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	31
489	Search for $W$ / $W$ / $Z$ resonance production in $\tilde{\chi}_1^0 \rightarrow \ell\ell$ final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	31
490	Search for Higgs boson decays to beyond-the-Standard-Model light bosons in four-lepton events with the ATLAS detector at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	31
491	Measurement of the running of the electromagnetic coupling at large momentum-transfer at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 623, 26-36.	1.5	30
492	Search for Excited and Exotic Electrons in the $\tilde{\chi}_1^0 \rightarrow \ell\ell$ Decay Channel in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 94, 101802.	2.9	30
493	Search for new particles leading to jets + jets final states in pp collisions	1.6	30
494	Measurement of ratios of fragmentation fractions for bottom hadrons in collisions	1.6	30
495	Strong Evidence for $ZZ$ Production in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 100, 201801.	2.9	30
496	Search for Pair Production of Supersymmetric Top Quarks in Dilepton Events from pp Collisions	2.9	30
497	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
498	Observation of Exclusive $\tilde{\chi}_1^0 \tilde{\chi}_1^0$ Production in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 081801.	2.9	30
499	Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 79.	1.4	30
500	Measurement of the $t \bar{t} \rightarrow \ell\ell$ production cross-section as a function of jet multiplicity and jet transverse momentum in 7 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
501	Study of hard double-parton scattering in four-jet events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.	1.6	30
502	Charged-particle distributions in pp interactions at $\sqrt{s} = 8$ TeV measured with the ATLAS detector. European Physical Journal C, 2016, 76, 403.	1.4	30
503	Searches for the $Z \rightarrow \ell\ell$ decay mode of the Higgs boson and for new high-mass resonances in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	30
504	Study of $WW \rightarrow \ell\ell$ and $WZ \rightarrow \ell\ell$ . European Physical Journal C, 2017, 77, 646.	1.4	30

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506	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
507	Measurement of energetic single-photon production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 190-198.	1.5	29
508	The Q <sup>2</sup> evolution of the hadronic photon structure function $F_2^h$ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 447, 147-156.	1.5	29
509	Optimized search for single-top-quark production at the Fermilab Tevatron. Physical Review D, 2004, 69, .	1.6	29
510	Measurement of $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV using kinematic fitting of b-tagged lepton+jet events. Physical Review D, 2005, 71, .	1.6	29
511	Measurement of the Top-Quark Mass in All-Hadronic Decays in pp Collisions at CDF II. Physical Review Letters, 2007, 98, 142001.	2.9	29
512	Precision measurement of the top-quark mass from dilepton events at CDF II. Physical Review D, 2007, 75, .	1.6	29
513	Measurement of cross sections for bjet production in events with a Z boson in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, .	1.6	29
514	Measurement of the top pair production cross section in the dilepton decay channel in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.6	29
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516	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
517	Measurement of the inclusive cross-sections of single top-quark and top-antiquark t-channel production in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	29
518	Search for dark matter in events with a hadronically decaying vector boson and missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29
519	Searches for heavy ZZ and ZW resonances in the $t\bar{t}$ , $q\bar{q}$ and $t\bar{t}/2q\bar{q}$ final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29
520	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
521	Search for Long-Lived Doubly Charged Higgs Bosons in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 95, 071801.	2.9	28
522	Search for a Fermiophobic Higgs Boson Decaying into Diphotons in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 103, 061803.	2.9	28

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524	Combined Search for the Standard Model Higgs Boson Decaying to $b\bar{b}$ Pair Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111802.	1.6	28
525	Measurement of the cross section and triple gauge couplings in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2012, 109, 111802.	1.6	28
526	Search for Higgs bosons produced in association with $b\bar{b}$ quarks. Physical Review D, 2012, 85, .	1.6	28
527	Study of the energy dependence of the underlying event in proton-antiproton collisions. Physical Review D, 2015, 92, .	1.6	28
528	Measurement of the forward-backward asymmetry of electron and muon pair-production in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	28
529	Measurement of lepton differential distributions and the top quark mass in $t\bar{t}$ . European Physical Journal C, 2017, 77, 804.	1.4	28
530	Measurement of $WW/WZ \rightarrow \ell\ell + q\bar{q}'$ production with the hadronically decaying boson reconstructed as one or two jets in $pp$ collisions at $\sqrt{s} = 8$ TeV with ATLAS, and constraints on anomalous gauge couplings. European Physical Journal C, 2017, 77, 563.	1.4	28
531	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
532	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the $H \rightarrow a\bar{a} 4b$ channel in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	28
533	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
534	Measurement of exclusive $\gamma\gamma \rightarrow \gamma\gamma$ production in two-photon collisions at high $Q^2$ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 11-22.	1.5	27
535	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
536	Searches for direct pair production of supersymmetric top and supersymmetric bottom quarks in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 76, .	1.6	27
537	Measurement of the $b \rightarrow c\ell\bar{\nu}_\ell$ Decays in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 102002.	2.9	27
538	Search for $WW$ and $WZ$ Resonances Decaying to Electron, Missing ET, and Two Jets in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 241801.	2.9	27
539	Search for the Standard Model Higgs Boson Decaying to $bb\bar{b}$ Pair in Events with One Charged Lepton and Large Missing Transverse Energy Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111804.	2.9	27
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542	Measurements of top-quark pair differential cross-sections in the $e e^{-1/4}$ channel in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. European Physical Journal C, 2017, 77, 292.	1.4	27
543	Tevatron Run II combination of the effective leptonic electroweak mixing angle. Physical Review D, 2018, 97, .	1.6	27
544	Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 625.	1.4	27
545	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a $\tau$ -lepton in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	27
546	Measurement of hadron and lepton-pair production at at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 370, 195-210.	1.5	26
547	Search for supersymmetric particles at at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 289-303.	1.5	26
548	Precise Measurement of the Top-Quark Mass in the Lepton+Jets Topology at CDF II. Physical Review Letters, 2007, 99, 182002.	2.9	26
549	Search for Anomalous Triple Gauge Couplings in $Z \rightarrow \tau \tau$ Events from $p p \rightarrow Z \tau \tau$ Collisions Observation of $p p \rightarrow Z \tau \tau$ Collisions	2.9	26
550	Observation of $p p \rightarrow Z \tau \tau$ Collisions Using the CDF II Detector. Physical Review Letters, 2013, 111, 231802.	2.9	26
551	Search for Pair Production of Strongly Interacting Particles Decaying to Pairs of Jets in $p p \rightarrow Z \tau \tau$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 111, 031802.	2.9	26
552	Measurement of the Differential Cross Section of $p p \rightarrow Z \tau \tau$ Collisions	2.9	26
553	Measurements of electroweak $W W_{jj}$ production and constraints on anomalous gauge couplings with the ATLAS detector. European Physical Journal C, 2017, 77, 474.	1.4	26
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555	$B_s^0$ production in Z decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 589-597.	1.5	25
556	Measurement of the spectroscopy of orbitally excited B mesons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 465, 323-334.	1.5	25
557	Measurement of triple-gauge-boson couplings of the W boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 467, 171-184.	1.5	25
558	Measurement of the $W + W^0$ Production Cross Section in $p p \rightarrow Z \tau \tau$ Collisions at $\sqrt{s} = 1.96$ TeV Using Dilepton Events. Physical Review Letters, 2005, 94, 211801.	2.9	25



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560	Measurement of the helicity fractions of $W$ bosons from top quark decays using fully reconstructed $t\bar{t}$ events with CDF II. Physical Review D, 2007, 75, .	1.6	25
561	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
562	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
563	Measurement of the top quark mass and $pp \rightarrow t\bar{t}$ cross section in the all-hadronic mode with the CDF II detector. Physical Review D, 2010, 81, .	1.6	25
564	Search for Production of Heavy Particles Decaying to Top Quarks and Invisible Particles in $pp \rightarrow p\bar{p} + \text{invisible}$ collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 191801.	2.9	25
565	Measurement of the Mass Difference between $t$ and $\bar{t}$ Quarks. Physical Review Letters, 2011, 106, 152001.	2.9	25
566	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
567	A search for $\text{star}\{t\}$ resonances with the ATLAS detector in $2.05 \text{ fb}^{-1}$ of proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ . European Physical Journal C, 2012, 72, 2083.	1.4	25
568	Search for top and bottom squarks from gluino pair production in final states with missing transverse energy and at least three b-jets with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	25
569	Measurement of the low-mass Drell-Yan differential cross section at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
570	Determination of the top-quark pole mass using $t\bar{t} + 1\text{-jet}$ events collected with the ATLAS experiment in $7 \text{ TeV}$ $pp$ collisions. Journal of High Energy Physics, 2015, 2015, 1.	1.6	25
571	Searches for heavy diboson resonances in $pp$ collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	25
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573	Operation and performance of the ATLAS Tile Calorimeter in Run 1. European Physical Journal C, 2018, 78, 987.	1.4	25
574	Measurement of the inclusive $b \rightarrow c$ branching ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 201-208.	1.5	24
575	Search for neutral charmless B decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 363, 127-136.	1.5	24
576	Determination of the number of light neutrino species from single photon production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 431, 199-208.	1.5	24

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578	Search for first-generation scalar leptoquarks in $pp\hat{+}$ collisions at $\sqrt{s}=1.96\hat{+}\%$ TeV. Physical Review D, 2005, 72, 1.6	1.6	24
579	Measurement of the W boson polarization in top decay at CDF at $\sqrt{s}=1.8\hat{+}\%$ TeV. Physical Review D, 2005, 71, 1.6	1.6	24
580	Top quark mass measurement from dilepton events at CDF II with the matrix-element method. Physical Review D, 2006, 74, .	1.6	24
581	Measurement of the $pp\hat{+}\hat{+}t\hat{+}t\hat{+}$ production cross section and the top quark mass at $\sqrt{s}=1.96\hat{+}\%$ TeV in the all-hadronic decay mode. Physical Review D, 2007, 76, .	1.6	24
582	Measurement of the $b\hat{+}$ lifetime in $b\hat{+}t\hat{+}$ in $pp\hat{+}$ collisions at $\sqrt{s}=1.96\hat{+}\%$ TeV. Physical Review Letters, 2007, 98, 122001.	2.9	24
583	Measurement of $f(pp\hat{+}\hat{+}Z)\hat{+}B(Z\hat{+}\hat{+},\hat{+})$ in $pp\hat{+}$ collisions at $\sqrt{s}=1.96\hat{+}\%$ TeV. Physical Review D, 2007, 75, .	1.6	24
584	Diffractive $W\hat{+}$ and $Z\hat{+}$ production at the Fermilab Tevatron. Physical Review D, 2010, 82, .	1.6	24
585	Direct Top-Quark Width Measurement at CDF. Physical Review Letters, 2010, 105, 232003.	2.9	24
586	Top quark mass measurement using the template method at CDF. Physical Review D, 2011, 83, .	1.6	24
587	Search for a new heavy gauge boson $W\hat{+}$ with event signature $W\hat{+}a\hat{+}^2$ with $pp\hat{+}$ collisions at $\sqrt{s}=1.96\hat{+}\%$ TeV. Physical Review D, 2011, 83, .	1.6	24
588	Search for New Particles in Final States with Large Jet Multiplicities and Missing Transverse Energy in $pp\hat{+}$ collisions at $\sqrt{s}=1.96\hat{+}\%$ TeV. Physical Review D, 2011, 83, .	2.9	24
589	Evidence for $t\hat{+}t\hat{+}$ production and measurement of $f\hat{+}t\hat{+}t\hat{+}t\hat{+}$ . Physical Review D, 2011, 84, .	1.6	24
590	Observation of the Production of a $W\hat{+}$ Boson in Association with a Single Charm Quark. Physical Review Letters, 2013, 110, 071801.	1.6	24
591	Mass and lifetime measurements of bottom and charm baryons in $pp\hat{+}$ collisions at $\sqrt{s}=1.96\hat{+}\%$ TeV. Physical Review D, 2013, 87, 012001.	2.9	24
592	Search for the Higgs boson produced in association with a W boson and decaying to four b-quarks via two spin-zero particles in $pp\hat{+}$ collisions at 13 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 605.	1.6	24
593	Search for supersymmetry in a final state containing two photons and missing transverse momentum in $pp\hat{+}$ collisions at $\sqrt{s}=13\hat{+}\%$ TeV. European Physical Journal C, 2016, 76, 517.	1.4	24

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596	Measurement of fiducial and differential $W^+W^-$ production cross-sections at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	24
597	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
598	Measurement of mass and width of the W boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 454, 386-398.	1.5	23
599	Search for a Higgs boson decaying into two photons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 534, 28-38.	1.5	23
600	Search for excited leptons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 23-34.	1.5	23
601	Direct photon cross section with conversions at CDF. Physical Review D, 2004, 70, .	1.6	23
602	$K_S^0$ production studies in $p\bar{p}$ collisions at $\sqrt{s}=1800$ and $630\text{ GeV}$ . Physical Review D, 2005, 72, .	1.6	23
603	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
604	Measurement of $\sigma(\bar{b}b)/\sigma(\bar{c}c)$ in $p\bar{p}$ collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review Letters, 2002, 89, 122002.	2.9	23
605	Publisher's Note: Measurement of the inclusive jet cross section using the k <sub>T</sub> algorithm in $p\bar{p}$ collisions at $\sqrt{s}=1.96\text{ TeV}$ with the CDF II detector [Phys. Rev. D 75, 092006 (2007)]. Physical Review D, 2007, 75, .	1.6	23
606	Measurement of correlated $b\bar{b}$ production in $p\bar{p}$ collisions at $\sqrt{s}=1960\text{ GeV}$ . Physical Review D, 2008, 77, 1.6	1.6	23
607	Commissioning of the ATLAS Muon Spectrometer with cosmic rays. European Physical Journal C, 2010, 70, 875-916.	1.4	23
608	Search for the Production of Scalar Bottom Quarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review Letters, 2010, 105, 081802.	2.9	23
609	Measurement of the top quark mass in the dilepton channel using $\langle m \rangle$ at CDF. Physical Review D, 2010, 81, .	1.6	23
610	A measurement of the ratio of the production cross sections for $W^+W^-$ and $Z^0Z^0$ bosons in association with jets with the ATLAS detector. European Physical Journal C, 2014, 74, 3168.	1.4	23
611	Measurement of the underlying event in jet events from $\sqrt{s}=7\text{ TeV}$ proton-proton collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 1.	1.4	23
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625	Search for Heavy Long-Lived Particles that Decay to Photons at CDF II. Physical Review Letters, 2007, 99, 121801.	2.9	22
626	Search for Maximal Flavor Violating Scalars in Same-Charge Lepton Pairs in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 041801.	2.9	22
627	Search for a Higgs Boson Decaying to Two $W$ Bosons at CDF. Physical Review Letters, 2009, 102, 021802.	2.9	22
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705	$pp$ -collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 76, . <a href="#">Exclusion of exotic top-like quarks with</a>	1.6	18
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711	Measurement of the transverse polarization of electric charge using jet-charge tagging in single-lepton events at CDF. <a href="#">Search for pair production of scalar leptons</a>	1.6	18
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726	Measurement of mass and width of the excited charmed meson states $D_{10}$ and $D_{2^*0}$ at CDF. Physical Review D, 2006, 73, .	1.6	17
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745	Performance of the missing transverse momentum triggers for the ATLAS detector during Run-2 data taking. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	17
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755	$Z$ boson pair-production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 572, 133-144.	1.5	16
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758	Search for third generation vector leptoquarks in $pp\bar{t}\bar{t}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2008, 77, .	1.6	16
759	First Observation of the Decay $B_s \rightarrow D_s \gamma$ and Measurement of Its Branching Ratio. Physical Review Letters, 2008, 100, 021803.	2.9	16
760	Search for new color-octet vector particle decaying to $t\bar{t}$ . $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle t \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true" \rangle \langle \text{mml:mi} \rangle t \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{A}^- \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true" \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{A}^- \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$	1.5	16
761	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. Physical Review D, 2011, 83, .	1.6	16
762	Search for a Very Light $C$ or $P$ Odd Higgs Boson in Top Quark Decays from $t\bar{t}$ . $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Odd Higgs Boson in Top Quark Decays from $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true" \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{A}^- \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ Collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:math} \rangle$	2.9	16
763	Measurements of branching fraction ratios and CP-asymmetries in suppressed $B \rightarrow D(\bar{K}^* K) \ell \bar{\ell}$ and $B \rightarrow D(\bar{K}^* K) \ell \bar{\ell}$ decays. Physical Review D, 2011, 84, .	1.6	16
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780	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow D_s^- \ell^+ \nu) / B(B \rightarrow D^- \ell^+ \nu)$ and $B(B \rightarrow D^0 \ell^+ \nu) / B(B \rightarrow D^- \ell^+ \nu)$ . Physical Review Letters, 2006, 96, 191801.	2.9	15
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887	Search for the Standard Model Higgs Boson Decaying to a gluon-gluon fusion in $pp$ collisions at $\sqrt{s} = 1.96$ TeV using dilepton events with a lepton plus track selection. Physical Review D, 2008, 77, 072001.	1.6	12
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895	Search for new phenomena in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\sqrt{s} = 13$ TeV $pp$ collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 144.	1.4	12
896	Search for new phenomena in a lepton plus high jet multiplicity final state with the ATLAS experiment using $\sqrt{s} = 13$ TeV proton-proton collision data. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12
897	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
898	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
899	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
900	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

#	ARTICLE	IF	CITATIONS
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902	Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1.	1.4	12
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906	Observation of multiple hard photon final states at GeV at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 323-332.	1.5	11
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910	Measurement of the forward-backward asymmetry and the mixing parameter using prompt leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 448, 152-162.	1.5	11
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914	Measurement of exclusive $e+e^+\hat{\gamma}^*\hat{\gamma}$ collisions at s up to $209$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 28-38.	1.5	11
915	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
916	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
917	Search for Chargino-Neutralino Production in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 99, 191806.	2.9	11
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920	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
921	Measurement of $W^3$ and $Z^3$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	11
922	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
923	Measurement of four-jet differential cross sections in $\sqrt{s} = 8$ TeV proton-proton collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-76.	1.6	11
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933	Measurement of inclusive production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 467, 137-146.	1.5	10
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936	Search for standard model Higgs boson production in association with a $W$ boson at CDF. Physical Review D, 2008, 78, .	1.6	10

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938	Search for the Higgs boson produced in association with $Z$ and $t\bar{t}$ in $pp$ collisions at $\sqrt{s}=8$ TeV using the matrix element method at CDF II. <i>Physical Review D</i> , 2009, 80, .	1.6	10
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940	Measurement of the top quark mass at CDF using the $t\bar{t}$ production cross section in the all hadronic channel using a matrix element technique in $pp$ collisions. <i>Physical Review D</i> , 2009, 79, .	1.6	10
941	Measurement of the $WW+WZ$ production cross section using a matrix element technique in $pp$ collisions. <i>Physical Review D</i> , 2010, 82, .	1.6	10
942	Search for New Physics with a Dijet Plus Missing Energy Signature in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2010, 105, 131801.	2.9	10
943	Measurement of the top quark mass in the $t\bar{t}$ production cross section in the all hadronic channel using a matrix element technique in $pp$ collisions. <i>Physical Review D</i> , 2011, 84, .	1.5	10
944	Measurement of the top pair production cross section in the all hadronic channel using a jet flavor discriminant. <i>Physical Review D</i> , 2011, 84, .	1.6	10
945	Measurement of the mass difference between top and antitop quarks. <i>Physical Review D</i> , 2013, 87, .	1.6	10
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947	Study of top quark production and decays involving a tau lepton at CDF and limits on a charged Higgs boson contribution. <i>Physical Review D</i> , 2014, 89, .	1.6	10
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951	The electronics, trigger and data acquisition system for the liquid argon time projection chamber of the DarkSide-50 search for dark matter. <i>Journal of Instrumentation</i> , 2017, 12, P12011-P12011.	0.5	10
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957	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
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960	Search for heavy neutral and charged leptons in $e^+e^-$ annihilation at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 412, 189-200.	1.5	9
961	Search for R-parity breaking sneutrino exchange at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 373-381.	1.5	9
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963	Search for charged Higgs bosons in $e^+e^-$ collisions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 466, 71-78.	1.5	9
964	Production of single W bosons at GeV and measurement of $WW^3$ gauge couplings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 229-240.	1.5	9
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966	Proton-antiproton pair production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 571, 11-20.	1.5	9
967	Inclusive jet production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 602, 157-166.	1.5	9
968	Publisher's Note: Search for $B_s \rightarrow \tau^+ \tau^-$ and $B_d \rightarrow \tau^+ \tau^-$ Decays in $pp\bar{A}$ -Collisions with CDF II [Phys. Rev. Lett. 95, 221805 (2005)]. Physical Review Letters, 2005, 95, .	2.9	9
969	Search for $B_s \rightarrow \tau^+ \tau^-$ and $B_d \rightarrow \tau^+ \tau^-$ Decays in $pp\bar{A}$ -Collisions with CDF II [Phys. Rev. Lett. 95, 221805 (2005)]. Physical Review Letters, 2005, 95, .	1.5	9
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974	Search for standard model Higgs boson production in association with a $W$ boson using a matrix element technique at CDF in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	1.6	9
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976	Measurement of the $\gamma\gamma$ production cross section in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
977	Measurements of charge and CP asymmetries in $b$ -hadron decays using top-quark events collected by the ATLAS detector in $pp$ collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
978	Measurement of the $ZZ$ production cross section in proton-proton collisions at $\sqrt{s}=8$ TeV using the $ZZ \rightarrow \tau^+\tau^-$ , $ZZ \rightarrow \tau^+\tau^- + \mu^+\mu^-$ , $ZZ \rightarrow \tau^+\tau^- + \mu^+\mu^- + \nu\bar{\nu}$ and $ZZ \rightarrow \tau^+\tau^- + \nu\bar{\nu}$ decay channels with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.		
979	Measurements of differential cross sections of top quark pair production in association with jets in $pp$ collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	9
980	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
981	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
982	Hard-photon production and tests of QED at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 198-205.	1.5	8
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984	The time of flight detector at CDF. Nuclear Physics, Section B, Proceedings Supplements, 2001, 93, 344-347.	0.5	8
985	Inclusive production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 535, 59-69.	1.5	8
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990	Search for $ZZ$ and $ZW$ production in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	8



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992	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle \text{b} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -tagged events. Physical Review D, 2009, 80, .	1.6	8
993	Measurement of $Z\tilde{\nu}$ production in $pp\tilde{\Lambda}^-$ collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review D, 2010, 82, .	1.6	8
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995	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
996	Measurement of the $B\tilde{\nu}$ lifetime using a simulation free approach for trigger bias correction. Physical Review D, 2011, 83, .	1.6	8
997	Search for the standard model Higgs boson produced in association with a $W\tilde{\nu}$ boson with $7.5\text{ fb}^{-1}$ integrated luminosity at CDF. Physical Review D, 2012, 86, .	1.6	8
998	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
999	Measurement of the $ZZ$ production cross section using the full CDF II data set. Physical Review D, 2014, 89, .	1.6	8
1000	Measurement of the relative width difference of the $B^0 \rightarrow B^+ \tilde{0}$ system with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
1001	Measurement of the $Bc\tilde{\nu}$ production cross section in $pp\tilde{\Lambda}^-$ collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review D, 2016, 93, .	1.6	8
1002	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
1003	Measurement of b-hadron pair production with the ATLAS detector in proton-proton collisions at $\sqrt{s}=8\text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	8
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1006	Measurement of $W^{\pm}Z$ -boson and Z-boson production cross-sections in $pp$ collisions at $\sqrt{s}=2.76\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	8
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1008	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

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1010	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 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2022, 82, 1.	1.4	8
1011	Search for exclusive B decays to J and $\hat{\tau}$ or $\hat{\tau}^0$ with the L3 detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 391, 481-490.	1.5	7
1012	Search for R-parity violating chargino and neutralino decays in $e^+e^-$ collisions up to $\sqrt{s}=183$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 459, 354-366.	1.5	7
1013	Search for colour singlet and colour reconnection effects in hadronic Z decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 581, 19-30.	1.5	7
1014	Search for scalar leptoquark pairs decaying to $\hat{t}\hat{t}^*/\hat{b}\hat{b}^*$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2005, 71, .	1.6	7
1015	Search for New Physics in Lepton+Photon+X Events with 305 fb $^{-1}$ of pp Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2006, 97, 031801.	2.9	7
1016	Search for exotic $S=\pm 2$ baryons in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2007, 75, .	1.6	7
1017	Measurement of the top-quark mass using missing ET+jet events with secondary vertex b-tagging at CDF II. <i>Physical Review D</i> , 2007, 75, .	1.6	7
1018	Search for Technicolor Particles Produced in Association with a $W$ Boson at CDF. <i>Physical Review Letters</i> , 2010, 104, 111802.	2.9	7
1019	Search for new heavy particles decaying to ZZ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2011, 83, .	1.6	7
1020	Measurement of the Cross Section for Prompt Isolated Diphoton Production in pp Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011, 107, 102003.	2.9	7
1021	Top-Quark Mass Measurement Using Events with Missing Transverse Energy and Jets at CDF. <i>Physical Review Letters</i> , 2011, 107, 232002.	2.9	7
1022	Search for a Higgs Boson in the Diphoton Final State in pp Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012, 108, 011801.	2.9	7
1023	Novel inclusive search for the Higgs boson in the four-lepton final state at CDF. <i>Physical Review D</i> , 2012, 86, .	1.6	7
1024	Invariant-mass distribution of jet pairs produced in association with a $W$ boson in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011, 107, 102003.	1.6	7
1025	The DarkSide Experiment: Present Status and Future. <i>Journal of Physics: Conference Series</i> , 2017, 798, 012109.	0.3	7
1026	Measurement of $\sigma_{\text{au}} \sigma_{\text{I}}$ , polarisation in $\text{ZZ}/\gamma \rightarrow \text{au au} \text{ZZ}/\hat{\tau}^3$ . <i>European Physical Journal C</i> , 2018, 78, 163.	1.4	7

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1028	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1.	1.4	7
1029	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
1030	Study of the process at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 505, 47-58.	1.5	6
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1032	Search for narrow resonances lighter than $\eta'$ mesons. European Physical Journal C, 2009, 62, 319-326.	1.4	6
1033	Search for standard model Higgs boson production in association with a $W$ boson using a neural network discriminant at CDF. Physical Review D, 2019, 89, .	1.6	6
1034	Measurement of the $t\bar{t}$ production cross section in $pp$ collisions with $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.6	6
1035	Search for $t\bar{t}$ production cross section in $pp$ collisions with $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.6	6
1036	Search for $WZ$ production with missing transverse energy and jets with the ATLAS detector. Physical Review D, 2013, 88, .	1.6	6
1037	Searches for the Higgs boson decaying to $W^+W^-$ at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2013, 88, .	1.6	6
1038	Measurement of the forward-backward asymmetry of top-quark and antiquark pairs using the full CDF Run II data set. Physical Review D, 2016, 93, .	1.6	6
1039	Measurement of the ratio of cross sections for inclusive isolated-photon production in $pp$ collisions at $\sqrt{s} = 13$ and 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
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1048	Measurement of $Z\gamma$ production cross section with an in situ calibration of b-jet identification efficiency. Physical Review D, 2011, 83, 014011.	1.6	5
1049	Search for the rare radiative decay $Z\gamma$ at the Collider Detector at Fermilab. Physical Review D, 2009, 79, 014011.	1.6	5
1050	Search for anomalous production of multiple leptons in association with $W$ and $Z$ bosons at CDF. Physical Review D, 2012, 85, 014011.	1.6	5
1051	Search for the Higgs boson in the all-hadronic final state using the full CDF data set. Journal of High Energy Physics, 2013, 2013, 1.	1.6	5
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1054	Measurement of the top-quark mass in the $Z\gamma$ dilepton channel using the full CDF Run II data set. Physical Review D, 2015, 92, 014011.	1.6	5
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1056	Search for Resonances Decaying to Top and Bottom Quarks with the CDF Experiment. Physical Review Letters, 2015, 115, 061801.	2.9	5
1057	Tevatron Constraints on Models of the Higgs Boson with Exotic Spin and Parity Using Decays to Bottom-Antibottom Quark Pairs. Physical Review Letters, 2015, 114, 151802.	2.9	5
1058	Search for production of an $Z\gamma$ at the Collider Detector at Fermilab. Physical Review D, 2009, 79, 014011.	1.6	5
1059	Effect of low electric fields on alpha scintillation light yield in liquid argon. Journal of Instrumentation, 2017, 12, P01021-P01021.	0.5	5
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1061	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
1062	Model compression and simplification pipelines for fast deep neural network inference in FPGAs in HEP. European Physical Journal C, 2021, 81, 1.	1.4	5

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1064	Local multiplicity fluctuations in hadronic Z decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 429, 375-386.	1.5	4
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1066	Search for anomalous couplings in the Higgs sector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 489, 102-114.	1.5	4
1067	Search for excited leptons at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 473, 177-185.	1.5	4
1068	Comparison of three-jet events in $pp\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV to predictions from a next-to-leading order QCD calculation. <i>Physical Review D</i> , 2005, 71, .	1.6	4
1069	Search for the Higgs Boson Produced in Association with $Z\bar{\nu}\nu$ , " $+a$ ," " $\bar{a}$ " in $pp\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008, 101, 251803.	2.9	4
1070	Search for the neutral current top quark decay $t \rightarrow Zc$ using the ratio of $Zc$ to $Zb$ . <i>Physical Review Letters</i> , 2009, 103, 011801.	1.6	4
1071	Search for anomalous production of events with a photon, jet, b-quark jet, and missing transverse energy. <i>Physical Review D</i> , 2009, 80, .	1.6	4
1072	Search for the Higgs boson in the all-hadronic final state using the CDF II detector. <i>Physical Review D</i> , 2011, 84, .	1.6	4
1073	Search for new phenomena in events with two Z bosons and missing transverse momentum in $pp\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2012, 85, .	1.6	4
1074	Search for Supersymmetry with Like-Sign Lepton-Tau Events at CDF. <i>Physical Review Letters</i> , 2013, 110, 201802.	2.9	4
1075	Signature-based search for delayed photons in exclusive photon plus missing transverse energy events from $pp\bar{p}$ collisions with $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2013, 88, .	1.6	4
1076	Search for the production of $ZW$ and $Z\gamma$ boson pairs decaying into charged leptons and jets in $pp\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2014, 112, 011801.	1.6	4
1077	Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	4
1078	First measurement of the forward-backward asymmetry in bottom-quark pair production at high mass. <i>Physical Review D</i> , 2015, 92, .	1.6	4
1079	Measurement of vector boson plus $D^*(2010)$ meson production in $pp\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2016, 93, .	1.6	4
1080	Measurement of jet activity in top quark events using the $e\bar{\nu}\nu$ final state with two b-tagged jets in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	4

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1082	Measurement of hadronic event shapes in high- $p_T$ multijet final states at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	4
1083	Fast and resource-efficient Deep Neural Network on FPGA for the Phase-II Level-0 muon barrel trigger of the ATLAS experiment. <i>EPJ Web of Conferences</i> , 2020, 245, 01021.	0.1	4
1084	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. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	4
1085	Measurement of the energy response of the ATLAS calorimeter to charged pions from $W^{\pm} \rightarrow \mu^{\pm} \nu_{\mu}$ events in Run 2 data. <i>European Physical Journal C</i> , 2022, 82, 1.	1.4	4
1086	Measurement of the production cross section of pairs of isolated photons in $pp$ collisions at 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	4
1087	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. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	4
1088	Measurement of the lifetime of the tau lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 389, 187-196.	1.5	3
1089	Neutral-current four-fermion production in $e^+e^- \rightarrow \gamma \gamma$ interactions at 130 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 413, 191-200.	1.5	3
1090	Determination of $\Gamma^3/Z$ interference in $e^+e^- \rightarrow \gamma \gamma$ annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 489, 93-101.	1.5	3
1091	Compton scattering of quasi-real virtual photons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 616, 145-158.	1.5	3
1092	Publisher's Note: Measurement of the $W$ boson polarization in top decay at CDF $\sqrt{s} = 1.8$ TeV [ <i>Phys. Rev. D</i> , 71, 031101 (2005)]. <i>Physical Review D</i> , 2005, 71, .	1.6	3
1093	Search for $b \rightarrow s \gamma$ and $b \rightarrow s \ell \ell$ decays in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2005, 72, .	1.6	3
1094	Search for anomalous semileptonic decay of heavy flavor hadrons produced in association with a $W$ boson at CDF II. <i>Physical Review D</i> , 2006, 73, .	1.6	3
1095	Measurement of the $W$ boson polarization in top decay at CDF $\sqrt{s} = 1.8$ TeV [ <i>Phys. Rev. D</i> , 71, 031101 (2005)]. <i>Physical Review D</i> , 2005, 71, .	1.5	3
1096	A search for flaring very-high-energy cosmic $\gamma$ -ray sources with the L3+C muon spectrometer. <i>Astroparticle Physics</i> , 2006, 25, 298-310.	1.9	3
1097	Measurement of the ratio of branching fractions $B(B^{\pm} \rightarrow \tau^{\pm} \nu_{\tau})/B(B^{\pm} \rightarrow \tau^{\pm} K^{\pm})$ . <i>Physical Review D</i> , 2009, 79, .	1.6	3
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1100	Search for standard model Higgs boson production in association with a W boson at CDF. Physical Review D, 2012, 85, .	1.6	3
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1102	Measurement of the single top quark production cross section and $ V_{tb} $ in 1.96 TeV pp collisions with missing transverse energy and jets and final CDF combination. Physical Review D, 2016, 93, .	1.6	3
1103	Measurement of the $k_t$ splitting scales in $Z \rightarrow \tau^+\tau^-$ events in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
1104	Measurement of distributions sensitive to the underlying event in inclusive Z boson production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	3
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1106	Measurement of the inclusive jet cross-section in proton-proton collisions at $(\sqrt{s}=7)$ TeV using 4.5 fb $^{-1}$ of data with the ATLAS detector. , 2015, 2015, 1.		3
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1108	Measurement of the branching ratios $b \rightarrow e \gamma$ , $b \rightarrow \mu \gamma$ , $b \rightarrow \tau \gamma$ and $b \rightarrow \nu \gamma$ . Zeitschrift für Physik C-Particles and Fields, 1996, 71, 379-389.	1.5	2
1109	Inclusive $J/\psi$ and $\psi(2S)$ production in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 351-360.	1.5	2
1110	Upsilon production in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 413, 167-175.	1.5	2
1111	Measurement of the Michel parameters and the average tau-neutrino helicity from tau decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 438, 405-416.	1.5	2
1112	Study of the $e^+e^- \rightarrow \tau^+Z e^-$ process at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 73-81.	1.5	2
1113	The CDF Time-of-Flight detector and impact on beauty flavor tagging. Nuclear Physics, Section B, Proceedings Supplements, 2003, 120, 219-224.	0.5	2
1114	Neutral-current four-fermion production in $\mu^+\mu^-$ channel. <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.el. Physics</small>	1.5	2
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1119	Search for the standard model Higgs boson produced in association with a Z boson in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, .	1.6	2
1120	Search for a low-mass neutral Higgs boson with suppressed couplings to fermions using events with multiphoton final states. Physical Review D, 2016, 93, .	1.5	2
1121	A search for an excited muon decaying to a muon and two jets in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. New Journal of Physics, 2016, 18, 073021.	1.6	2
1122	Search for new physics in trilepton events and limits on the associated chargino-neutralino production at CDF. Physical Review D, 2014, 90, .	1.6	2
1123	Search for a low-mass neutral Higgs boson with suppressed couplings to fermions using events with multiphoton final states. Physical Review D, 2016, 93, .	1.6	2
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1125	Measurement of the ion fraction and mobility of $^{218}\text{Po}$ produced in $^{222}\text{Rn}$ decays in liquid argon. Journal of Instrumentation, 2019, 14, P11018-P11018.	0.5	2
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1127	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	2
1128	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	2
1129	Tau Lepton Identification With Graph Neural Networks at Future Electron-Positron Colliders. Frontiers in Physics, 0, 10, .	1.0	2
1130	Search for anomalous four-jet events in $e^+e^-$ annihilation at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 411, 330-338.	1.5	1
1131	Inclusive Lambda production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 586, 140-150.	1.5	1
1132	Search for $W$ and $Z$ bosons in the reaction $p\bar{p} \rightarrow e^+e^- + \text{jets} + \bar{\nu}_\tau$ at $\sqrt{s}=1.8$ TeV. Physical Review D, 2006, 73, . Publisher's Note: Search for High-Mass $W$ and $Z$ Boson Production in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2006, 73, .	1.2	1
1133	Measurement of the $W$ and $Z$ boson production cross sections and search for anomalous $WW$ and $WZ$ couplings in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, .	2.9	1
1134	Measurement of the $W$ and $Z$ boson production cross sections and search for anomalous $WW$ and $WZ$ couplings in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, .	1.9	1



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1138	The GAP project - GPU for real-time applications in high energy physics and medical imaging. , 2014, , .		1
1139	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
1140	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
1141	Measurement of the forward-backward asymmetry in low-mass bottom-quark pairs produced in proton-antiproton collisions. Physical Review D, 2016, 93, .	1.6	1
1142	Measurement of the inclusive-isolated prompt-photon cross section in $p\bar{p}$ collisions using the full CDF data set. Physical Review D, 2017, 96, .	1.6	1
1143	Measurement of the $D^+$ -meson production cross section at low transverse momentum in $pp\bar{p}$ collisions at $s=1.96$ TeV. Physical Review D, 2017, 95, .	1.6	1
1144	Search for standard-model Z and Higgs bosons decaying into a bottom-antibottom quark pair in proton-antiproton collisions at $1.96$ TeV. Physical Review D, 2018, 98, .	1.6	1
1145	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in $pp$ collision data at $(\sqrt{s}=8, \text{TeV})$ with the ATLAS detector. , 2016, 76, 1.		1
1146	Measurement of the charge asymmetry of electrons from the decays of W bosons produced in $pp\bar{p}$ collisions at $s=1.96$ TeV. Physical Review D, 2021, 104, .	1.6	1
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1148	Results on CP violation from CDF. European Physical Journal C, 2004, 33, s352-s354.	1.4	0
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1150	New Physics with Bs Mesons. AIP Conference Proceedings, 2007, , .	0.3	0
1151	<a href="#">Publisher's Note: Search for Pair Production of Scalar Top Quarks Decaying to a Lepton and a Quark</a> $\bar{l}, \bar{b}$ Quark in $p\bar{p}$ collisions	2.9	0
1152	Event reconstruction algorithms for the ATLAS trigger. Journal of Physics: Conference Series, 2008, 119, 022022.	0.3	0

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1156	Search for long-lived particles at LHC. EPJ Web of Conferences, 2015, 96, 01015. Graphics Processing Units for HEP trigger systems. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 307-310. Recoil Directionality Studies in Two-Phase Liquid Argon TPC Detectors. EPJ Web of Conferences, 2017, 164, 07036. Measurement of the differential cross sections for $W$ -boson production in association with jets in $pp$ collisions $pp \rightarrow W + \text{jets}$	1.5	0
1157	The GAP project - GPU for realtime applications in high energy physics and medical imaging. , 2013, , .		0
1158	Search for long-lived particles at LHC. EPJ Web of Conferences, 2015, 96, 01015.	0.1	0
1159	Graphics Processing Units for HEP trigger systems. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 307-310.	0.7	0
1160	Recoil Directionality Studies in Two-Phase Liquid Argon TPC Detectors. EPJ Web of Conferences, 2017, 164, 07036.	0.1	0
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