

# Alberto Annovi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4621427/publications.pdf>

Version: 2024-02-01

1,394  
papers

73,228  
citations

944

115  
h-index

2375

198  
g-index

1405  
all docs

1405  
docs citations

1405  
times ranked

14408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of a new particle in the search for the Standard Model Higgs boson with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 1-29.	1.5	6,386
2	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	1.4	1,187
3	Combined Measurement of the Higgs Boson Mass in $pp$ Collisions at $\sqrt{s} = 7$ and $8$ TeV with the ATLAS and CMS Experiments. Physical Review Letters, 2015, 114, 191803	2.9	1,062
4	Measurement of the $J/\psi$ meson and $b$ -hadron production cross sections in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2005, 71, .	1.6	624
5	Observation of a Centrality-Dependent Dijet Asymmetry in Lead-Lead Collisions at the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 252303.	2.9	581
6	Observation of the Narrow State $X(3872)$ in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2004, 93, 072001.	2.9	531
7	Performance of the ATLAS trigger system in 2015. European Physical Journal C, 2017, 77, 317.	1.4	489
8	Measurements of the Higgs boson production and decay rates and constraints on its couplings from a combined ATLAS and CMS analysis of the LHC $pp$ collision data at $\sqrt{s} = 7$ and $8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	473
9	Muon reconstruction performance of the ATLAS detector in proton collision data at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2016, 76, 292.	1.4	453
10	Observation of Associated Near-Side and Away-Side Long-Range Correlations in $pp$ Collisions with the ATLAS Detector. Physical Review Letters, 2013, 110, 182302.	2.9	441
11	Measurement of the azimuthal anisotropy for charged particle production in lead-lead collisions with the ATLAS detector. Physical Review C, 2012, 86, .	1.1	365
12	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
13	High-precision measurement of the $W$ boson mass with the CDF II detector. Science, 2022, 376, 170-176.	6.0	336
14	Combined search for the Standard Model Higgs boson using up to $4.9 \text{ fb}^{-1}$ of $pp$ collision data at $\sqrt{s} = 7$ and $8$ TeV with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 49-66.	1.5	328
15	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490.	1.4	325
16	Charged-particle multiplicities in $pp$ interactions measured with the ATLAS detector at the LHC. New Journal of Physics, 2011, 13, 053033.	1.2	314
17	Observation of $B_s \rightarrow B_s^0$ Oscillations. Physical Review Letters, 2006, 97, 242003.	2.9	311
18	Evidence for the spin-0 nature of the Higgs boson using ATLAS data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 120-144.	1.5	307

#	ARTICLE	IF	CITATIONS
19	Performance of pile-up mitigation techniques for jets in $pp$ collisions at $\sqrt{s}=8$ . European Physical Journal C, 2016, 76, 581.	1.4	298
20	Measurements of Higgs boson production and couplings in diboson final states with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 88-119.	1.5	295
21	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
22	Evidence for a Narrow Near-Threshold Structure in the $B \rightarrow \tau^+ \tau^-$ Mass Spectrum in $pp$ collisions at $\sqrt{s}=7$ and $8$ TeV in the ATLAS experiment. European Physical Journal C, 2016, 76, 6.	1.4	274
23	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
24	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
25	Performance of the ATLAS Trigger System in 2010. European Physical Journal C, 2012, 72, 1.	1.4	259
26	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
27	Combined measurements of Higgs boson production and decay using up to $80\%$ of proton-proton collision data at $\sqrt{s}=7$ and $8$ TeV in the ATLAS experiment. Physical Review D, 2020, 101, .	1.4	241
28	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. Physical Review D, 2011, 83, .	1.6	238
29	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
30	Search for high-mass dilepton resonances in $pp$ collisions at $\sqrt{s}=7$ and $8$ TeV with the ATLAS detector. Physical Review D, 2014, 90, .	1.6	237
31			



#	ARTICLE	IF	CITATIONS
55	Measurement of the Higgs boson mass from the $ZZ$ decay channel in $pp$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 476.	1.6	176
56	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
57	Search for $B_s \rightarrow \tau^+ \tau^-$ and $B \rightarrow \tau^+ \tau^-$ Decays with $\sqrt{s}=13$ TeV $pp$ Collisions. Physical Review Letters, 2008, 100, 101801.		
58	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. European Physical Journal C, 2014, 74, 1.	1.4	172
59	Search for new particles decaying into dijets in proton-antiproton collisions at $\sqrt{s}=1.96$ TeV with the ATLAS detector. Physical Review Letters, 2009, 102, 242001.	1.6	171
60	Search for the Standard Model Higgs Boson in the Diphoton Decay Channel with $\sqrt{s}=13$ TeV $pp$ Collisions. Physical Review Letters, 2012, 108, 111803.	2.9	171
61	Search for $B_s \rightarrow \tau^+ \tau^-$ and $B \rightarrow \tau^+ \tau^-$ Decays with $\sqrt{s}=13$ TeV $pp$ Collisions. Physical Review Letters, 2012, 108, 111803.	1.5	169
62	Observation of Higgs boson production in association with a top quark pair at the LHC with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 173-191.	1.5	169
63	Search for $B_s \rightarrow \tau^+ \tau^-$ and $B \rightarrow \tau^+ \tau^-$ Decays with $\sqrt{s}=13$ TeV $pp$ Collisions. Physical Review Letters, 2012, 108, 111803.	2.9	168
64	Search for new high-mass phenomena in the dilepton final state using 36 $\text{fb}^{-1}$ of proton-proton collision data at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	168
65	Measurement of the inclusive $W$ and $Z$ production in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review Letters, 2017, 113, 171801.	0.9	163
66	Measurements of Higgs boson production and couplings in the four-lepton channel in $pp$ collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. Physical Review D, 2015, 91, 112005.	1.6	158
68	Jet energy scale measurements and their systematic uncertainties in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review D, 2017, 96, 112005.	1.6	157
69	Measurement of the total cross section from elastic scattering in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Nuclear Physics B, 2014, 889, 486-548.	0.9	155
70	Measurement of the transverse momentum and $\phi_{\text{jet}}$ distributions of Drell-Yan lepton pairs in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 291.	1.4	154
71	Search for $B_s \rightarrow \tau^+ \tau^-$ and $B \rightarrow \tau^+ \tau^-$ Decays with $\sqrt{s}=13$ TeV $pp$ Collisions. Physical Review Letters, 2009, 102, 242001.	2.9	153
72	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



#	ARTICLE	IF	CITATIONS
73	Measurement of the inclusive jet cross section at the Fermilab Tevatron collider using a cone-based jet algorithm. <i>Physical Review D</i> , 2008, 78, .	1.6	149
74	Measurement of hard double-parton interactions in $W(\hat{a}, \hat{a}) + 2$ -jet events at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>New Journal of Physics</i> , 2013, 15, 033038.	1.2	147
75	Measurement of the top quark-pair production cross section with ATLAS in pp collisions at $\sqrt{s}=7\text{ TeV}$ . <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	146
76	Jet reconstruction and performance using particle flow with the ATLAS Detector. <i>European Physical Journal C</i> , 2017, 77, 466.	1.4	145
77	Precision measurement and interpretation of inclusive $W^+W^+$ , $W^-W^-$ . <i>European Physical Journal C</i> , 2017, 77, 367.	1.4	145
78	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in $\sqrt{s}=7\text{ TeV}$ proton-proton collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 710, 67-85.	1.4	143
79	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 $8\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 3109.	1.4	143
80	Measurement of the $B_s \rightarrow B_s^0$ Oscillation Frequency. <i>Physical Review Letters</i> , 2006, 97, 062003.	2.9	141
81	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. <i>European Physical Journal C</i> , 2015, 75, 510.	1.4	138
82	Observation of $H \rightarrow \hat{a}^* b$ decays and $VH$ production with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 710, 67-85.	1.5	138
83	Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	137
84	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in $\sqrt{s}=7\text{ TeV}$ collisions at the ATLAS detector. <i>Physical Review Letters</i> , 2011, 106, 131802.	1.6	137
85	Search for dark matter and other new phenomena in events with an energetic jet and large missing transverse momentum using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	2.9	136
86	Measurement of inclusive jet and dijet production in pp collisions at $\sqrt{s}=7\text{ TeV}$ using the ATLAS detector. <i>Physical Review D</i> , 2012, 86, .	1.6	135
87	Measurements of the Nuclear Modification Factor for Jets in $Pb-Pb$ Collisions at $\sqrt{s}=2.76\text{ TeV}$ . <i>Physical Review Letters</i> , 2011, 106, 131802.	2.9	135
88	Measurement of event-plane correlations in $pp$ collisions at $\sqrt{s}=7\text{ TeV}$ . <i>Physical Review Letters</i> , 2011, 106, 131802.	1.1	134
89	Lead-lead collisions with the ATLAS detector. <i>Physical Review C</i> , 2014, 90, .	1.1	134
90	Charged-particle multiplicities in pp interactions at $\sqrt{s}=7\text{ TeV}$ measured with the ATLAS detector at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 688, 21-42.	1.1	134

#	ARTICLE	IF	CITATIONS
91	Combination of Searches for Invisible Higgs Boson Decays with the ATLAS Experiment. Physical Review Letters, 2019, 122, 231801.	2.9	133
92	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
93	Measurement of the $Z/\gamma^*$ 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
94	Search for Invisible Decays of a Higgs Boson Produced in Association with a $Z$ Boson in ATLAS. Physical Review Letters, 2014, 112, .	2.9	130
95	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
96	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
97	Search for singly and doubly charged Higgs bosons in final states with jets and missing transverse momentum with the ATLAS detector in pp collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, Section 5.	1.5	126
98	Search for charged Higgs bosons decaying via $H \rightarrow t\bar{t}$ 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
99	Search for singly and doubly charged Higgs bosons decaying into charm quarks or in compressed supersymmetric scenarios in pp collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2014, 90.	1.6	126
100	Top quark mass measurement using the template method in the lepton+jets channel at CDF II. Physical Review D, 2006, 73, .	1.6	124
101	Electron and photon performance measurements with the ATLAS detector using the 2015-2017 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P12006-P12006.	0.5	124
102	Evidence for Electroweak Production of $W$ Bosons in Association with $W$ Bosons in pp Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, Section 5.	2.9	123
103	Search for the Standard Model Higgs boson produced in association with top quarks and decaying into $b\bar{b}$ in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 349.	1.4	123
104	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. Physical Review D, 2013, 87, .	1.6	122
105	Measurement of the Dipion Mass Spectrum in $X(3872) \rightarrow \pi^+\pi^-\pi^+\pi^-$ Decays. Physical Review Letters, 2006, 96, 102002.	2.9	121
106	Readiness of the ATLAS Tile Calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 1193-1236.	1.4	121
107	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, Section 5.	1.6	121
108	Observation of the Baryonic Flavor-Changing Neutral Current Decay $\Lambda_b^0 \rightarrow \Lambda^0 \pi^0$ . Physical Review Letters, 2011, 107, 201802.	2.9	121









#	ARTICLE	IF	CITATIONS
163	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. Precision Measurement of the $\langle \mathcal{L} \rangle$ channel $\langle \mathcal{L} \rangle$	1.4	95
164	Search for the Standard Model Higgs boson in the $\tau\tau$ decay channel $\langle \mathcal{L} \rangle$	2.9	94
165	Centrality and rapidity dependence of inclusive jet production in $\langle \mathcal{L} \rangle$	1.5	93
166	Search for lead collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 392-413.	1.4	93
167	Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1.	2.9	92
168	Search for Doubly Charged Higgs Bosons Decaying to Dileptons in $\langle \mathcal{L} \rangle$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2004, 93, 221802.	1.4	92
169	Measurements of the $W$ production cross sections in association with jets with the ATLAS detector. European Physical Journal C, 2015, 75, 82. Direct Measurement of the $W$ Production Charge Asymmetry in $\langle \mathcal{L} \rangle$ Collisions	2.9	91
170	Search for displaced lepton pairs in $\langle \mathcal{L} \rangle$ collisions at $\sqrt{s} = 1.96$ TeV.	1.6	91
171	Observation of a New Radiative Transitions to $\langle \mathcal{L} \rangle$ State in $\langle \mathcal{L} \rangle$ Collisions	2.9	90
172	Search for Higgs boson pair production in the $b\bar{b}b\bar{b}$ final state from pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 412.	1.6	90
173	Search for the $b\bar{b}\bar{b}$ 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.	1.4	90
174	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.	1.6	89
175	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.	2.9	88
176	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
177	Measurement of $W$ and Z-boson production cross sections in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 601-621.	1.4	87
178	Search for High-Mass Resonances Decaying to Dimuons at CDF. Physical Review Letters, 2009, 102, 091805.	2.9	87
179			
180			

#	ARTICLE	IF	CITATIONS
181	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2017, 77, 195.	1.4	87
182	Observation and Mass Measurement of the Baryon $\Lambda_b^0$ . <i>Physical Review Letters</i> , 2007, 99, 052002.	2.9	86
183	Measurement of multi-particle azimuthal correlations in pp, p+Pb and low-multiplicity Pb+Pb collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2017, 77, 428.	1.4	86
184	Measurement of the correlation between flow harmonics of different order in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. <i>Physical Review C</i> , 2015, 92, .	1.4	84
185	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	84
186	Measurement of Inclusive Jet Cross Sections in $\sqrt{s} = 7$ TeV pp Collisions with the ATLAS Detector. <i>Physical Review Letters</i> , 2011, 107, 272002.	2.9	83
187	Measurement of Bottom-Quark Hadron Masses in Exclusive $B \rightarrow \ell \bar{\nu}_\ell$ Decays with the CDF Detector. <i>Physical Review Letters</i> , 2006, 96, 202001.	2.9	82
188	Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	82
189	Observation of an Excited $B_c$ State with the ATLAS Detector. <i>Physical Review Letters</i> , 2014, 113, 212004.	2.9	82
190	Muon reconstruction and identification efficiency in ATLAS using the full Run 2 pp collision data set at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	82
191	Search for Large Extra Dimensions in Final States Containing One Photon or Jet and Large Missing Transverse Energy Produced in $\sqrt{s} = 7$ TeV pp Collisions with the ATLAS Detector. <i>Physical Review Letters</i> , 2011, 107, 272002.	2.9	81
192	Search for Dilepton Resonances in $\sqrt{s} = 7$ TeV pp Collisions with the ATLAS Detector. <i>Physical Review Letters</i> , 2011, 107, 272002.	2.9	81
193	ATLAS search for new phenomena in dijet mass and angular distributions using pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	81
194	Measurement of the prompt $J/\psi$ pair production cross-section in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2017, 77, 76.	1.4	81
195	Observation of Orbitally Excited $B_c$ Mesons. <i>Physical Review Letters</i> , 2014, 113, 212004.	2.9	80
196	Observation of Spin Correlation in $B_c$ Events from $\sqrt{s} = 7$ TeV pp Collisions with the ATLAS Detector. <i>Physical Review Letters</i> , 2011, 107, 272002.	2.9	80
197	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. <i>European Physical Journal C</i> , 2017, 77, 393.	1.4	80
198	Searches for electroweak production of supersymmetric particles with compressed mass spectra in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. <i>Physical Review D</i> , 2020, 101, .	1.6	80

#	ARTICLE	IF	CITATIONS
199	Observation of Exclusive Electron-Positron Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 98, 112001.	2.9	79
200	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
201	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
202	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
203	Measurement of $\epsilon$ production in $pp$ collisions at ATLAS. Physical Review D, 2013, 87, .	1.6	78
204	Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-39.	1.6	78
205	Observation of single top quark production and measurement of $ V_{tb} $ with CDF. Physical Review D, 2010, 82, .	1.6	77
206	Evidence for the associated production of a W boson and a top quark in ATLAS at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 142-159.	1.4	77
207	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
208	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
209	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
210	Study of jet shapes in inclusive jet production in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	76
211	Evidence for the Exclusive Decay $B_c \rightarrow J/\psi \gamma$ and Measurement of the Mass of the $B_c$ Meson. Physical Review Letters, 2006, 96, 082002.	2.9	76
212	Measurement of the cross section for $W$ -boson production in association with jets in $pp$ collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 142-159.	1.6	76
213	Measurement of the cross section for $W$ -boson production in association with jets in $pp$ collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 142-159.	1.6	76
214	Search for Direct Top Squark Pair Production in Final States with One Isolated Lepton, Jets, and Missing Transverse Momentum in $pp$ Collisions Using 4.7 fb <sup>-1</sup> of ATLAS Data. Physical Review Letters, 2012, 109, 211803.	1.4	75
215	Search for new physics in the dijet mass distribution using 1 fb <sup>-1</sup> of $pp$ collision data at $\sqrt{s}=7$ TeV collected by the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 37-54.	1.4	75
216	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. European Physical Journal C, 2017, 77, 673.	1.4	75

#	ARTICLE	IF	CITATIONS
217	Measurement of quarkonium production in proton-lead and proton-proton collisions at $\sqrt{s}=5.02$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018, 78, 171.	1.4	75
218	Observation of Light-by-Light Scattering in Ultraperipheral $Pb+Pb$ Collisions with the ATLAS Detector. <i>Physical Review Letters</i> , 2019, 123, 052001.	2.9	75
219			



#	ARTICLE	IF	CITATIONS
235	Search for supersymmetry at $\sqrt{s}=13$ 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
236	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
237	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at $s = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	71
238	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at $s = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	71
239	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at $s = 8$ TeV with the ATLAS detector. Physical Review D, 2015, 91, .	1.6	71
240	Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at $s = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	71
241	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
242	Observation of exclusive dijet production at the Fermilab Tevatron collider. Physical Review D, 2003, 77, .	1.6	70
243	Measurement of the high-mass Drellian differential cross-section in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 223-242.	1.6	70
244	Measurement of the high-mass Drellian differential cross-section in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 223-242.	1.6	70
245	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
246	Search for resonances in diphoton events at $s = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	70
247	Search for Resonant and Nonresonant Higgs Boson Pair Production in the $b\bar{b}$ Decay Channel in $\sqrt{s}=8$ TeV pp Collisions Using Charged Particles in the ATLAS Detector. Physical Review Letters, 2018, 121, 191801.	2.9	70
248	Measurement of the forward-backward charge asymmetry from $W\hat{A}^{\pm}e\hat{A}^{\pm}/2$ production in $pp\hat{A}^{\pm}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	69
249	Search for $Z\hat{A}^{\pm}e\hat{A}^{\pm}$ Using Dielectron Mass and Angular Distribution. Physical Review Letters, 2006, 96, 211801.	2.9	69
250	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
251	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
252	Measurement of the top quark pair production cross-section with ATLAS in the single lepton channel. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 244-263.	1.5	69

#	ARTICLE	IF	CITATIONS
253	Combination of measurements of the top-quark pair production cross section from the Tevatron Collider. <i>Physical Review D</i> , 2014, 89, .	1.6	69
254	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \bar{\nu}_\tau, \tau^\pm \nu_\tau$ in fully hadronic final states using pp collision data at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	69
255	Search for new phenomena in high-mass diphoton final states using 37 fb <sup>-1</sup> of proton-proton collisions collected at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 720, 277-308.	1.5	67
256	Comprehensive measurements of $t$ -channel single top-quark production cross sections at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2014, 90, .	1.6	68
257	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 3157.	1.4	68
258	ATLAS data quality operations and performance for 2015–2018 data-taking. <i>Journal of Instrumentation</i> , 2020, 15, P04003-P04003.	0.5	68
259	Searches for heavy long-lived sleptons and R-hadrons with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 720, 277-308.	1.5	67
260	Measurement of charged-particle spectra in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	67
261	Search for direct pair production of a chargino and a neutralino decaying to the 125 GeV Higgs boson in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2015, 75, 208.	1.4	67
262	Dijet Resonance Search with Weak Supervision Using $\sqrt{s} = 13$ TeV pp collisions with the ATLAS Detector. <i>Physical Review Letters</i> , 2020, 125, 131801.	2.9	67
263	Combination of CDF and D0 $W$ -Boson mass measurements. <i>Physical Review D</i> , 2013, 88, .	1.6	66
264	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. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	66
265	A search for $t \bar{t}$ resonances using lepton-plus-jets events in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	66
266	A search for pair-produced resonances in four-jet final states at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018, 78, 250.	1.4	66
267	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	65
268	Measurement of CP-violating asymmetries in $D^0 \rightarrow \ell^+ \ell^- \bar{K}^0$ and $D^0 \rightarrow \ell^+ \ell^- K^0$ decays at CDF. <i>Physical Review D</i> , 2012, 85, .	1.6	65
269	Measurement of particle production and inclusive differential cross sections in $\sqrt{s} = 1.96$ TeV collisions at the ATLAS detector. <i>Physical Review D</i> , 2009, 79, .	1.6	64
270	Measurement of the $W \rightarrow \tau \nu_\tau, \tau^\pm \nu_\tau$ and $Z \rightarrow \tau^+ \tau^-$ production cross sections in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	1.6	64

#	ARTICLE	IF	CITATIONS
271	Measurement of the $W+W\bar{W}$ Production Cross Section and Search for Anomalous $WW\tilde{Z}$ and $WWZ$ Couplings in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 2.9 201801.		64
272	Measurement of isolated-photon pair production in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	64
273	Measurement of Spin Correlation in Top-Similarity Quark Events and Search for Top Squark Pair Production in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 011802.	2.9	64
274	Observation and measurements of the production of prompt and non-prompt $J/\psi$ mesons in association with a $Z$ boson in $pp$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 229.	1.4	64
275	Evidence for the $H \rightarrow b\bar{b}$ decay with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	64
276	Search for electroweak production of supersymmetric states in scenarios with compressed mass spectra at $\sqrt{s}=1.96$ TeV with the ATLAS detector. Physical Review D, 2018, 97, 1.	1.6	64
277	Search for long-lived, massive particles in events with displaced vertices and missing transverse momentum in $pp$ collisions at $\sqrt{s}=1.96$ TeV with the ATLAS detector. Physical Review D, 2021, 103, 1.	1.6	64
278	Jet energy scale and resolution measured in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	64
279	Search for Neutral Higgs Bosons of the Minimal Supersymmetric Standard Model Decaying to $\tau\tau$ in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 011802.	2.9	63
280	Search for Exclusive $Z$ -Boson Production and Observation of High-Mass $p\bar{p} \rightarrow p\bar{p} + Z + \text{jet} + \text{jet} + \text{jet}$ Events in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 222002.	2.9	63
281	Search for a Supersymmetric Partner to the Top Quark in Final States with Jets and Missing Transverse Momentum at $\sqrt{s}=1.96$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	2.9	63
282	Measurement of $Z$ Boson Production in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS Detector. Physical Review Letters, 2013, 110, 022301.	2.9	63
283	Measurement of the differential cross-sections of prompt and non-prompt production of $J/\psi$ and $\psi(2S)$ in $pp$ collisions at $\sqrt{s}=7$ and $8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 283.	1.4	63
284	Search for long-lived, massive particles in events with displaced vertices and missing transverse momentum in $pp$ collisions at $\sqrt{s}=1.96$ TeV with the ATLAS detector. Physical Review D, 2019, 99, 1.	1.6	63
285	Measurement of the Higgs boson mass in the $H \rightarrow \tau\tau$ channel with the ATLAS detector. Physical Review Letters, 2012, 109, 211802.	2.9	63
286	Cross-section measurements of the Higgs boson decaying into a pair of $\tau$ -leptons in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review D, 2019, 99, 1.	1.6	63
287	Measurement of the Bottom-Strange Meson Mixing Phase in the Full CDF Data Set. Physical Review Letters, 2012, 109, 171802.	2.9	62
288	Performance of the ATLAS muon trigger in $pp$ collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 120.	1.4	62

#	ARTICLE	IF	CITATIONS
289	Identification of boosted, hadronically decaying W bosons and comparisons with ATLAS data taken at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 154.	1.4	62
290	Performance of the ATLAS muon triggers in Run 2. Journal of Instrumentation, 2020, 15, P09015-P09015.	0.5	62
291	Measurement of Dijet Azimuthal Decorrelations in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 172002.	2.9	61
292	Search for Scalar Bottom Quark Pair Production with the ATLAS Detector in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2012, 108, 181802.	2.9	61
293	Search for a Light Higgs Boson Decaying to Long-Lived Weakly Interacting Particles in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 251801.	2.9	61
294	Measurement of ZZ production in $pp$ collisions at $\sqrt{s} = 7$ TeV and limits on anomalous ZZZ and ZZ $\gamma$ couplings with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	61
295	Measurements of top quark pair relative differential cross-sections with ATLAS in $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1.	1.4	61
296	Search for long-lived, weakly interacting particles that decay to displaced hadronic jets in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2015, 92, .	1.6	61
297	Charged-particle distributions at low transverse momentum in $\sqrt{s} = 13$ TeV $pp$ interactions measured with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 502.	1.4	61
298	Performance of algorithms that reconstruct missing transverse momentum in $\sqrt{s} = 8$ TeV proton-proton collisions in the ATLAS detector. European Physical Journal C, 2017, 77, 241.	1.4	61
299	Prompt and non-prompt $J/\psi$ and $\psi(2S)$ suppression at high transverse momentum in $\sqrt{s} = 5.02$ TeV Pb+Pb collisions with the ATLAS experiment. European Physical Journal C, 2018, 78, 762.	1.4	61
300	Search for doubly charged scalar bosons decaying into same-sign W boson pairs with the ATLAS detector. European Physical Journal C, 2019, 79, 58.	1.4	61
301	A search for the dimuon decay of the Standard Model Higgs boson with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 135980.	1.5	61
302	Search for $B_s \rightarrow t\bar{t}$ and $B_d \rightarrow t\bar{t}$ Decays in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2004, 93, 032001.	2.9	60
303	Search for the Flavor-Changing Neutral-Current Decay $t \rightarrow Zq$ in $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	2.9	60
304	Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy. European Physical Journal C, 2011, 71, 1.	1.4	60
305	Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy. European Physical Journal C, 2011, 71, 1.	1.6	60
306	Summary of the searches for squarks and gluinos using $\sqrt{s} = 8$ TeV $pp$ collisions with the ATLAS experiment at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60



#	ARTICLE	IF	CITATIONS
307	Search for anomalous production of prompt same-sign lepton pairs and pair-produced doubly charged Higgs bosons with $s = 8 \sqrt{s} = 8 \text{ TeV}$ pp collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
308	Search for a new resonance decaying to a W or Z boson and a Higgs boson in the $\ell \ell' / \ell \ell' u / u u + b \bar{b}$ final states with the ATLAS detector. European Physical Journal C, 2015, 75, 263.	1.4	60
309	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 199.	1.4	60
310	Search for dark matter produced in association with bottom or top quarks in $\sqrt{s} = 13 \text{ TeV}$ pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 18.	1.4	60
311	Measurement of the $\bar{t}t$ -Production Cross Section in $\bar{t}t$ -Collisions at $\sqrt{s} = 1.96 \text{ TeV}$ Using Dilepton Events. Physical Review Letters, 2004, 93, 142001.	2.9	59
312	Search for Exclusive $\bar{t}t$ Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 99, 242002.	2.9	59
313	Search for High-Mass $e^+e^-$ Production in $\bar{t}t$ Collisions. Physical Review Letters, 2007, 99, 242002.	2.9	59
314	Search for the decay $B \rightarrow \bar{t}t$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 387-407.	1.5	59
315	Measurement of $W \pm Z$ production in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	59
316	Search for resonances decaying into top-quark pairs using fully hadronic decays in pp collisions with ATLAS at $\sqrt{s} = 7 \text{ TeV}$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	59
317	Measurement of the Azimuthal Angle Dependence of Inclusive Jet Yields in Pb+Pb Collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2013, 111, 152301.	2.9	59
318	Measurement of the production of a W boson in association with a charm quark in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	59
319	Search for direct top-squark pair production in final states with two leptons in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	59
320	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ and $5.0 \text{ TeV}$ . European Physical Journal C, 2018, 78, 142.	1.4	59
321	Search for Long-Lived Massive Charged Particles in $1.96 \text{ TeV}$ $\bar{t}t$ Collisions. Physical Review Letters, 2009, 103, 021802.	2.9	58
322	Searches for supersymmetry with the ATLAS detector using final states with two leptons and missing transverse momentum in $\bar{t}t$ collisions. Physical Review Letters, 2001, 87, 021802.	1.5	58
323	Measurement of the Inclusive Isolated Prompt Photon Cross Section in $\bar{t}t$ Collisions. Journal of High Energy Physics, 2014, 2014, 1.	1.5	58
324	Measurement of the Inclusive Isolated Prompt Photon Cross Section in $\bar{t}t$ Collisions. Physical Review D, 2014, 89, .	1.6	58

#	ARTICLE	IF	CITATIONS
325	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at $\sqrt{s} = 7$ TeV in 2010. European Physical Journal C, 2014, 74, 3034.	1.4	58
326	Search for Top-Quark Production via Flavor-Changing Neutral Currents in $W$ Jet Events at CDF. Physical Review Letters, 2009, 102, 151801.	2.9	57
327	Search for $Z$ bosons in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 694, 327-345.	1.5	57
328	Search for quark contact interactions in dijet angular distributions in $pp$ collisions at $\sqrt{s} = 7$ TeV measured with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 694, 327-345.	1.5	57
329	Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in $pp$ collisions using 1.1 fb <sup>-1</sup> of ATLAS data. Physical Review D, 2012, 85, .	1.6	57
330	Search for Magnetic Monopoles in $pp$ collisions with the ATLAS Detector. Physical Review Letters, 2012, 109, 261803.	2.9	57
331	Measurement of the $W$ boson polarization in top quark decays with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	57
332	Measurement of Top Quark Polarization in Top-Antitop Events from Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2012, 109, 261803.	2.9	57
333	Search for Long-lived Stopped Resonances in $pp$ collisions using the ATLAS detector. Physical Review Letters, 2012, 109, 261803.	1.6	57
334	Search for $H \rightarrow b\bar{b}$ in $pp$ collisions using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 222-242.	1.5	57
335	Search for $H \rightarrow b\bar{b}$ in $pp$ collisions using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 222-242.	1.5	57
336	Observation of the $Y(4140)$ structure in the $J/\psi \eta'$ mass spectrum in $B \rightarrow J/\psi \eta'$ decays. Modern Physics Letters A, 2017, 32, 1750139.	0.5	57
337	Observation of $B_s \rightarrow K^+ K^-$ and Measurements of Branching Fractions of Charmless Two-Body Decays of $B^0$ and $B_s^0$ Mesons in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 211802.	2.9	56
338	Search for Supersymmetry in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 251801.	2.9	56
339	Measurement of the Ratio $\sigma(\tilde{\chi}_1^0 \tilde{\chi}_1^0) / \sigma(\tilde{\chi}_1^0 \tilde{\chi}_1^+ \tilde{\chi}_1^-)$ and Precise Extraction of $\theta_{\tilde{W}}$ Cross Section. Physical Review Letters, 2010, 105, 012001.	2.9	56
340	Measurement of the jet fragmentation function and transverse profile in proton-proton collisions at a center-of-mass energy of 7 TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	56
341	Search for $WZ$ resonances in the fully leptonic channel using $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 694, 327-345.	1.5	56
342	Search for the Standard Model Higgs boson decay to $WZ$ in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 68-86.	1.5	56



#	ARTICLE	IF	CITATIONS
343	Observation of $s$ -Channel Production of Single Top Quarks at the Tevatron. Physical Review Letters, 2014, 112, 231803.	2.9	56
344	Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 318.	1.4	56
345	Search for scalar leptoquarks in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS experiment. New Journal of Physics, 2016, 18, 093016.	1.2	56
346	Fiducial, total and differential cross-section measurements of t-channel single top-quark production in pp collisions at 8 TeV using data collected by the ATLAS detector. European Physical Journal C, 2017, 77, 531.	1.4	56
347	Search for new phenomena with the monojet and missing transverse momentum signature using the ATLAS detector in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 294-312.	1.6	55
348	Search for direct top squark pair production in events with a Z boson, b-jets and missing transverse momentum in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 2883.	1.4	55
349	Charged-particle distributions in $pp$ interactions measured with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 880, 246-260.	1.4	55
350	Search for heavy charged Higgs bosons in the ATLAS detector in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	55
351	Search for pair production of Higgs bosons in the $b\bar{b}$ final state using proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	55
352	Search for Heavy Bottomlike Quarks Decaying to an Electron or Muon and Jets in $pp$ Collisions at $\sqrt{s}=13$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 106, 141803.	1.5	54
353	Search for a heavy top-quark partner in final states with two leptons with the ATLAS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	54
354	Search for high-mass resonances decaying to dilepton final states in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	54
355	Measurements of fiducial cross-sections for $t\bar{t}$ production with one or two additional b-jets in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. European Physical Journal C, 2016, 76, 11.	1.4	54
356	Search for an invisibly decaying Higgs boson or dark matter candidates produced in association with a Z boson in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 318-337.	1.5	54
357	Measurement of the Lifetime Difference between $B_s$ Mass Eigenstates. Physical Review Letters, 2005, 94, 101803.	2.9	53
358	Global search for new physics with $2.0 < \sigma_{\text{fid}} < 1$ at CDF. Physical Review D, 2009, 79, .	1.6	53

#	ARTICLE	IF	CITATIONS
361	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in $4.7 \text{ fb}^{-1}$ of $\sqrt{s} = 7 \text{ TeV}$ proton-proton collisions. Journal of High Energy Physics, 2012, 2012, 1.	1.6	53
362	Measurement of the cross-section for W boson production in association with b-jets in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	53
363	Search for the electroweak production of super-symmetric particles in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.5	53
364	Search for the electroweak production of super-symmetric particles in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	53
365	Search for the electroweak production of super-symmetric particles in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	53
366	Search for Higgs boson pair production in the $\gamma\gamma WW^*W^*$ channel using $36.1 \text{ fb}^{-1}$ of $\sqrt{s} = 13 \text{ TeV}$ pp collision data recorded at the ATLAS detector. European Physical Journal C, 2018, 78, 1007.	1.4	53
367	Search for the Decay of the Higgs Boson to Charm Quarks with the ATLAS Experiment. Physical Review Letters, 2018, 120, 211802.	2.9	53
368	Observation of Electroweak Production of a Same-Sign $W^+W^+$ Boson Pair in Association with Two Jets in $36.1 \text{ fb}^{-1}$ of $\sqrt{s} = 13 \text{ TeV}$ pp Collisions at the ATLAS Experiment. Physical Review Letters, 2018, 120, 211801.	2.9	53
369	Search for the production of $W^+W^+$ resonances in $36.1 \text{ fb}^{-1}$ of $\sqrt{s} = 13 \text{ TeV}$ pp collisions at the ATLAS experiment. Physical Review Letters, 2019, 123, 041801.	2.9	52
370	Search for stable hadronising squarks and gluinos with the ATLAS experiment at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 1-19.	1.5	52
371	Search for the neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	52
372	Performance of jet substructure techniques for large-R jets in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	52
373	Search for the lepton-flavour violating decay $H \rightarrow \tau\tau$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	52
374	Search for lepton-flavour-violating $H \rightarrow \tau\tau$ , decays of the Higgs boson with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	52
375	Search for the associated production of the Higgs boson with a top quark pair in multilepton final states with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 519-541.	1.5	52
376	Measurement of the top quark mass in the $t\bar{t} \rightarrow \text{lepton} + \text{jets}$ and $t\bar{t} \rightarrow \text{dilepton}$ channels using $36.1 \text{ fb}^{-1}$ of $\sqrt{s} = 13 \text{ TeV}$ ATLAS data. European Physical Journal C, 2015, 75, 330.	1.4	52
377	Search for high-mass new phenomena in the dilepton final state using proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 372-392.	0.9	52
378	Search for high-mass new phenomena in the dilepton final state using proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 372-392.	1.5	52

#	ARTICLE	IF	CITATIONS
379	Measurement of the top quark mass in the $tt\bar{t}\bar{t}$ channel using ATLAS data. European Physical Journal C, 2018, 78, 154.	1.5	52
380	Search for the direct production of charginos and neutralinos in final states with tau leptons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 154.	1.4	52
381	Measurement of branching ratio and $B \rightarrow K^* \ell^+ \ell^-$ in the decay $B \rightarrow K^* \ell^+ \ell^-$ . Physical Review D, 2011, 84, 014014.	1.6	51
382	Measurement of the top quark mass with the template method in the $t\bar{t} + \text{lepton} + \text{jets}$ channel using ATLAS data. European Physical Journal C, 2012, 72, 2046.	1.4	51
383	Resonance in $Z \rightarrow p\bar{p}$ Collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2014, 90, 014014.	2.9	51
384	Search for a new resonance in $B \rightarrow K^* \ell^+ \ell^-$ mesons and evidence for a new resonance. Physical Review D, 2014, 90, 014014.	1.6	51
385	Search for minimal supersymmetric standard model Higgs Bosons $H/A$ and for a $Z \rightarrow \tau^+ \tau^-$ boson in the $\text{Au Au}$ , $\text{I}, \bar{I}$ , final state produced in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 585.	1.6	51
386	Search for minimal supersymmetric standard model Higgs Bosons $H/A$ and for a $Z \rightarrow \tau^+ \tau^-$ boson in the $\text{Au Au}$ , $\text{I}, \bar{I}$ , final state produced in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 585.	1.4	51
387	Measurement of the charged-particle multiplicity inside jets from $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2016, 76, 322.	1.4	51
388	Measurement of jet fragmentation in Pb+Pb and pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 379.	1.4	51
389	Evidence for the associated production of the Higgs boson and a top quark pair with the ATLAS detector. Physical Review D, 2018, 97, .	1.6	51
390	Measurement of $f_1(1260) \rightarrow \rho(770) \pi$ in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 232001.	1.6	50
391	Studying the underlying event in Drell-Yan and high transverse momentum jet production at the Tevatron. Physical Review D, 2010, 82, .	1.6	50
392	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
393	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. European Physical Journal C, 2016, 76, 295.	1.4	50
394	Search for direct top squark pair production in final states with two leptons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 898.	1.4	50
395	Search for a new resonance in $B \rightarrow K^* \ell^+ \ell^-$ mesons and evidence for a new resonance. Physical Review D, 2014, 90, 014014.	2.9	50
396	Measurement of the Inclusive Jet Cross Section Using the kT Algorithm in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 122001.	2.9	49

#	ARTICLE	IF	CITATIONS
397	First run II measurement of the $W$ boson mass at the Fermilab Tevatron. Physical Review Letters, 2008, 101, 171801. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	1.6	49
398	Observation of the $W$ boson mass at the Fermilab Tevatron. Physical Review Letters, 2008, 101, 171801. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	1.6	49
399	Measurement of the inclusive isolated prompt photon cross-section in $pp$ collisions at $\sqrt{s} = 7$ TeV using $W$ boson decays. Physical Review Letters, 2011, 106, 171801. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	2.9	49
400	Measurement of the inclusive isolated prompt photon cross-section in $pp$ collisions at $\sqrt{s} = 7$ TeV using $W$ boson decays. Physical Review Letters, 2011, 106, 171801. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	1.5	49
401	Search for Dark Matter in Events with Missing Transverse Momentum and a Higgs Boson Decaying to Two Photons in $pp$ Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 171801. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	2.9	49
402	Search for Dark Matter in Events with Missing Transverse Momentum and a Higgs Boson Decaying to Two Photons in $pp$ Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 171801. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	2.9	49
403	Measurement of the inclusive isolated prompt photon cross-section in $pp$ collisions at $\sqrt{s} = 7$ TeV using $W$ boson decays. Physical Review Letters, 2011, 106, 171801. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>		



#	ARTICLE	IF	CITATIONS
415	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 fb <sup>-1</sup> of $\sqrt{s}=13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	48
416	A VLSI Processor for Fast Track Finding Based on Content Addressable Memories. IEEE Transactions on Nuclear Science, 2006, 53, 2428-2433.	1.2	47
417	Measurements of the properties of $\Lambda_c(2595)$ , $\Lambda_c(2625)$ , $\Lambda_c(2455)$ , and $\Lambda_c(2520)$ baryons. Physical Review D, 2011, 84, .	1.6	47
418	Search for a heavy gauge boson decaying to a charged lepton and a neutrino in 1 fb <sup>-1</sup> of pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-31.	1.6	47
419	Measurements of long-range azimuthal anisotropies and associated Fourier coefficients for collisions at $\sqrt{s}=8$ TeV with the ATLAS detector and limits on anomalous production cross sections in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector and limits on anomalous production cross sections in proton-proton collisions at $\sqrt{s}=13$ TeV and $\sqrt{s}=7$ TeV. European Physical Journal C, 2017, 77, 361.	1.1	47
420	Measurements of the production cross section of a $Z$ boson in association with jets in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2017, 77, 361.	1.4	47
421	Measurement of the forward-backward charge asymmetry of electron-positron pairs in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	46
422	First Measurement of the $W$ -Boson Mass in Run II of the Tevatron. Physical Review Letters, 2007, 99, 151801.	2.9	46
423	Measurement of dijet production with a veto on additional central jet activity in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	46
424	Transverse momentum cross section of $W$ boson decays in $pp$ collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	2.9	46
425	Measurement of $W$ boson decays in $pp$ collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	46
426	Measurement of the production cross section of a $Z$ boson in association with jets in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2017, 77, 361.	2.9	46
427	Missing Transverse Momentum in Proton-Proton Collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	2.9	46
428	Measurement of the cross section for the production of a $W$ boson in association with b-jets in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 438-456.	1.4	46
429	Measurements of the production and muon inclusive cross-sections in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 438-456.	1.4	46
430	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3195.	1.4	46
431	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3195.	1.4	46
432	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3195.	1.4	46

#	ARTICLE	IF	CITATIONS
433	Study of the rare decays of $B^0$ and $B^0$ into muon pairs from data collected during the LHC Run 1 with the ATLAS detector. European Physical Journal C, 2016, 76, 513.	1.4	46
434	Measurement of long-range multiparticle azimuthal correlations with the subevent cumulant method in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector at the CERN Large Hadron Collider. Physical Review C, 2018, 97, 014902.	1.1	46
435	Measurement of the Higgs boson coupling properties in the $H \rightarrow ZZ \rightarrow 4\mu$ decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	46
436	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
437	Measurements of gluon-gluon fusion and vector-boson fusion Higgs boson production cross-sections in the $H \rightarrow \tau\tau$ decay channel in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 508-529.	1.5	46
438	Search for charged Higgs bosons decaying into a top quark and a bottom quark at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	46
439	Measurement of the $B^+$ production cross section in $pp$ collisions at $\sqrt{s} = 1960$ GeV. Physical Review D, 2007, 75, 012001.	1.6	45
440	Measurement of the Single-Top-Quark Production Cross Section at CDF. Physical Review Letters, 2008, 101, 252001.	2.9	45
441	Search for Doubly Charged Higgs Bosons with Lepton-Flavor-Violating Decays Involving $\tilde{l}, \tilde{\nu}_l$ Leptons. Physical Review Letters, 2008, 101, 121801.	2.9	45
442	Measurement of the spin correlation in $pp$ collisions using $B^0 \rightarrow \tau^+\tau^-$ decays. Physical Review Letters, 2011, 106, 161801.	1.6	45
443	Measurement of the production cross section of an isolated photon associated with jets in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2012, 85, 012001.	1.5	45
444	Measurement of the Forward-Backward Asymmetry in the $B^0 \rightarrow \tau^+\tau^-$ Decay and First Observation of the $B^0 \rightarrow \tau^+\tau^-$ Decay. Physical Review Letters, 2011, 106, 161801.	2.9	45
445	Measurement of the production cross section of an isolated photon associated with jets in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2012, 85, 012001.	1.6	45
446	Measurement of the cross section for top-quark pair production in $pp$ collisions at $\sqrt{s} = 7, 13$ TeV with the ATLAS detector using final states with two high- $p_T$ leptons. Journal of High Energy Physics, 2012, 2012, 1.	1.6	45
447	Measurement of the Higgs boson production cross section in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 459-477.	1.5	45
448	Measurement of the top quark pair production cross section in $pp$ collisions at $\sqrt{s} = 13$ TeV in dilepton final states with ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 459-477.	1.5	45
449	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1.	1.4	45
450	Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 1.	1.4	45



#	ARTICLE	IF	CITATIONS
451	Measurement of the $\tau$ production cross section in the tau + jets channel using the ATLAS detector. European Physical Journal C, 2013, 73, 2328.	1.4	45
452	Search for supersymmetry at $\sqrt{s} = 8$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45
453	Search for new particles in events with one lepton 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	45
454	Tevatron Combination of Single-Top-Quark Cross Sections and Determination of the Magnitude of the Cabibbo-Kobayashi-Maskawa Matrix Element $V_{cb}$ Physical Review Letters, 2015, 115, 152003.	2.9	45
455	Search for a scalar partner of the top quark in the jets plus missing transverse momentum final state at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	45
456	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $\tau\tau$ final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 392-414.	1.6	44
457	Measurement of the inclusive jet cross section in pp interactions at $\sqrt{s} = 1.96$ TeV using a cone-based jet algorithm. Physical Review D, 2006, 74, .	1.6	44
458	Observation of New Charmless Decays of Bottom Hadrons. Physical Review Letters, 2009, 103, 031801.	2.9	44
459	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s} = 1.96$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 103, 031801.	1.6	44
460	Search for long-lived heavy particles in final states with a muon and multi-track displaced vertex in pp collisions at $\sqrt{s} = 1.96$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 299.	1.5	44
461	Search for Higgs boson production in proton-proton collisions at $\sqrt{s} = 1.96$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 103, 031801.	1.1	44
462	Search for Higgs boson production in proton-proton collisions at a centre-of-mass energy of $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.5	44
463	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	44
464	Search for Large Extra Dimensions in the Production of Jets and Missing Transverse Energy in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 171802.	2.9	43
465	Search for Higgs Bosons Predicted in Two-Higgs-Doublet Models via Decays to Tau Lepton Pairs in $\sqrt{s} = 1.96$ TeV Collisions. Physical Review Letters, 2009, 103, 031801.	2.9	43
466	Search for the Standard Model Higgs boson in the $H \rightarrow \tau\tau$ decay mode in $\sqrt{s} = 7, 8$ TeV pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	1.6	43
467	Measurement of exclusive Higgs boson production in proton-proton collisions at $\sqrt{s} = 1.96$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 242-261.	1.5	43
468	Search for charged Higgs bosons in the $H \rightarrow \tau b$ decay channel in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	43

#	ARTICLE	IF	CITATIONS
469	Search for top squarks in final states with one isolated lepton, jets, and missing transverse momentum in $\sqrt{s}=13\text{ TeV}$ pp collisions with the ATLAS detector. <i>Physical Review D</i> , 2016, 94, .	1.6	43
470	Search for single production of vector-like quarks decaying into $Wb$ in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 442.	1.4	43
471	Search for magnetic monopoles and stable particles with high electric charges in $8\text{ TeV}$ collisions with the ATLAS detector. <i>Physical Review D</i> , 2016, 93, .	1.6	43
472	Search for single top-quark production via flavour-changing neutral currents at $8\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 55.	1.4	43
473	Constraints on off-shell Higgs boson production and the Higgs boson total width in $ZZ\gamma\gamma$ , $ZZ\gamma\gamma$ , and $ZZ\gamma\gamma$ final states with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 786, 223-244.	1.5	43
474	Search for a heavy charged boson in events with a charged lepton and missing transverse momentum from $\sqrt{s}=13\text{ TeV}$ collisions with the ATLAS detector. <i>Physical Review D</i> , 2019, 100, .	1.6	43
475	Measurement of $B(\tau^+\rightarrow Wb)/B(\tau^+\rightarrow Wq)$ at the Collider Detector at Fermilab. <i>Physical Review Letters</i> , 2005, 95, 102002.	2.9	42
476	Search for New High-Mass Particles Decaying to Lepton Pairs in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$ . <i>Physical Review Letters</i> , 2005, 95, 252001.	2.9	42
477	Measurement of the Top-Quark Mass with Dilepton Events Selected Using Neuroevolution at CDF. <i>Physical Review Letters</i> , 2009, 102, 152001.	2.9	42
478	Production of $\eta(2S)$ mesons in pp collisions at $1.96\text{ TeV}$ . <i>Physical Review D</i> , 2009, 80, .	1.6	42
479	Further search for supersymmetry at $\sqrt{s}=13\text{ TeV}$ in pp collisions with the ATLAS detector. <i>Physical Review Letters</i> , 2018, 121, 151801.	1.6	42
480	Search for first generation scalar leptoquarks in pp collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 709, 158-176.	1.6	42
481	Measurement of the top quark pair production charge asymmetry in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	42
482	Two-particle Bose-Einstein correlations in pp collisions at $\sqrt{s}=0.9$ and $7\text{ TeV}$ measured with the ATLAS detector. <i>European Physical Journal C</i> , 2015, 75, 466.	1.4	42
483	Combined measurement of differential and total cross sections in the $H\rightarrow\tau\tau$ and the $H\rightarrow\tau\tau ZZ$ decay channels at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 786, 114-133.	1.4	42
484	Performance of top-quark and $W$ -boson tagging with ATLAS in Run 2 of the LHC. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	42
485	Measurement of the top quark mass using template methods on dilepton events in pp collisions at $\sqrt{s}=1.96\text{ TeV}$ . <i>Physical Review D</i> , 2006, 73, .	1.6	41
486	Inclusive Search for New Physics with Like-Sign Dilepton Events in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$ . <i>Physical Review Letters</i> , 2007, 98, 221803.	2.9	41

#	ARTICLE	IF	CITATIONS
487	The Silicon Vertex Trigger upgrade at CDF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 361-364. Search for Resonant $\pi^0$ Production in $\sqrt{s} = 7$ TeV Proton-Proton Collisions at the ATLAS Detector. <i>Physical Review Letters</i> , 2013, 111, 251801.	0.7	41
488	Search for long-lived, multi-charged particles in pp collisions at the ATLAS detector. <i>Physical Review Letters</i> , 2013, 111, 251801.	2.9	41
489	Search for extra dimensions in diphoton events from proton-proton collisions at $\sqrt{s} = 7, 8$ TeV in the ATLAS detector at the LHC. <i>New Journal of Physics</i> , 2013, 15, 043007.	1.5	41
490	Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS experiment. <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	41
491	Search for long-lived, multi-charged particles in pp collisions at the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 722, 305-323.	1.6	41
492	Search for extra dimensions in diphoton events from proton-proton collisions at $\sqrt{s} = 7, 8$ TeV in the ATLAS detector at the LHC. <i>New Journal of Physics</i> , 2013, 15, 043007.	1.2	41
493	Search for nonpointing and delayed photons in the diphoton and missing transverse momentum final state in $\sqrt{s} = 8$ TeV proton-proton collisions at the LHC using the ATLAS detector. <i>Physical Review D</i> , 2014, 90, .	1.6	41
494	Search for direct pair production of the top squark in all-hadronic final states in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	41
495	Measurement of the production and lepton charge asymmetry of $W$ bosons in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015, 75, 23.	1.4	41
496	Measurement of the $\sigma(\tau^+\tau^-Z)$ and $\sigma(\tau^+\tau^-W)$ production cross sections in dilepton final states using 3.2 fb of $\sqrt{s} = 13$ TeV pp collisions at the ATLAS detector. <i>European Physical Journal C</i> , 2017, 77, 40.	1.4	41
497	Observation of Centrality-Dependent Acoplanarity for Muon Pairs Produced via Two-Photon Scattering in $\sqrt{s} = 2.76$ TeV Pb-Pb Collisions at the ATLAS Detector. <i>Physical Review Letters</i> , 2018, 121, 212301.	2.9	41
498	Search for charged-neutralino production using recursive jigsaw reconstruction in final states with two or three charged leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2018, 98, .	1.6	41
499	Higgs boson production cross-section measurements and their EFT interpretation in the $4\ell$ decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	41
500	Search for New Physics Using High-Mass Tau Pairs from 1.96 TeV pp Collisions. <i>Physical Review Letters</i> , 2005, 95, 131801.	2.9	40
501	Model-independent and quasi-model-independent search for new physics at CDF. <i>Physical Review D</i> , 2008, 78, .	1.6	40
502	Measurement of Resonance Parameters of Orbitally Excited Narrow Mesons. <i>Physical Review Letters</i> , 2009, 102, 102003.	2.9	40
503	Search for the Decays $B(s) \rightarrow e^+ \mu^- \nu_e$ and $B(s) \rightarrow e^+ e^- \nu_e$ in CDF Run II. <i>Physical Review Letters</i> , 2009, 102, 201801.	2.9	40
504			

#	ARTICLE	IF	CITATIONS
505	Limits on the production of the standard model Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	40
506	Search for Down-Type Fourth Generation Quarks with the ATLAS Detector in Events with One Lepton and Hadronically Decaying $W$ Bosons. Physical Review Letters, 2012, 109, 032001.	2.9	40
507	A search for $t$ resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 017.	1.6	40
508	Measurement of the top quark pair cross section with ATLAS in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 022001.	1.5	40
509	Search for pair production of heavy top-like quarks decaying to a high- $p_T$ lepton and a $b$ quark in the lepton plus jets final state at $\sqrt{s} = 7$ TeV using the ATLAS detector. European Physical Journal C, 2014, 74, 3117.	1.5	40
510	Measurements of jet vetoes and azimuthal decorrelations in dijet events produced in $pp$ collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. European Physical Journal C, 2014, 74, 3117.	1.5	40
511	Study of the $B_c^+ \rightarrow J/\psi D_s^+ B_c^+ \rightarrow \hat{J} D_s^+$ and $B_c^+ \rightarrow J/\psi D_s^+ B_c^+ \rightarrow \hat{J} D_s^+$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 4.	1.4	40
512	Measurements of b-jet tagging efficiency with the ATLAS detector using $t$ events at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
514	Properties of Higgs Boson Interactions with Top Quarks in the $t\bar{t}H$ and $t\bar{t}H$ channels. Physical Review Letters, 2011, 106, 022001.	2.9	40
515	Search for heavy resonances decaying into a pair of $Z$ bosons in the $e^+e^- \rightarrow e^+e^- Z Z$ and $e^+e^- \rightarrow e^+e^- Z Z$ final states using 139 fb $^{-1}$ of proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	40
516	Measurement of the cross section for $p\bar{p} \rightarrow \tau^+\tau^-$ production in $p\bar{p}$ collisions using the kinematics of lepton+jets events. Physical Review D, 2005, 72, .	1.6	39
517	Direct Search for Dirac Magnetic Monopoles in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 201801.	2.9	39
518	Measurement of Lifetime and Decay-Width Difference in $B_s^0 \rightarrow J/\psi K^0$ Decays. Physical Review Letters, 2008, 100, 121803.	2.9	39
519	Search for massive colored scalars in four-jet final states in $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	39
520	Measurement of the production cross section for $W$ -bosons in association with jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 325-345.	1.5	39
521	Precision Top-Quark Mass Measurement at CDF. Physical Review Letters, 2012, 109, 152003.	2.9	39
522	Search for displaced vertices arising from decays of new heavy particles in 7 TeV pp collisions at ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 478-496.	1.5	39



#	ARTICLE	IF	CITATIONS
523	Measurement of angular correlations in Drell-Yan lepton pairs to probe boson transverse momentum at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 337.	1.6	39
524	Search for invisible decays of the Higgs boson produced in association with a hadronically decaying vector boson in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 337.	1.4	39
525	Transverse momentum, rapidity, and centrality dependence of inclusive charged-particle production in p+Pb collisions measured by the ATLAS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 313-336.	1.4	39
526	Search for flavour-changing neutral current top-quark decays to $qZ$ in pp collision data collected with the ATLAS detector at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 12.	1.4	39
527	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 87.	1.4	39
528	Search for heavy long-lived charged R-hadrons with the ATLAS detector in $3.2 \text{ fb}^{-1}$ of proton-proton collision data at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 647-665.	1.5	39
529	Measurements of $Z \rightarrow \tau\tau$ and $Z \rightarrow \tau\tau + \text{hadrons}$ production in pp collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 647-665.	1.6	39
530	Search for a structure in the $pp \rightarrow B_s \tau^+ \tau^-$ process in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2018, 98, .	1.6	39
531	Combination of searches for heavy resonances decaying into bosonic and leptonic final states using proton-proton collision data at $\sqrt{s} = 8$ TeV. Physical Review D, 2018, 98, .	1.6	39
532	Search for a structure in the $pp \rightarrow B_s \tau^+ \tau^-$ process in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2018, 98, .	1.6	39
533	Invariant Mass Spectrum with the ATLAS Experiment. Physical Review Letters, 2018, 120, 202007.	1.5	39
534	Search for a right-handed gauge boson decaying into a high-momentum heavy neutrino and a charged lepton in pp collisions with the ATLAS detector at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134942.	1.5	39
535	Measurement of Partial Widths and Search for Direct CP Violation in $D^0$ Meson Decays to $K^+ K^-$ and $\bar{K}^0 \bar{K}^0$ . Physical Review Letters, 2005, 94, 122001.	2.9	38
536	Inclusive Search for Standard Model Higgs Boson Production in the $WW$ Decay Channel Using the CDF II Detector. Physical Review Letters, 2010, 104, 061803.	2.9	38
537	Measurement of the $W$ charge asymmetry in the $W \rightarrow \tau\nu$ decay mode in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2012, 108, 211803.	1.5	38
538	Evidence for the Charmless Annihilation Decay Mode $B \rightarrow \tau^+ \tau^-$ in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2012, 108, 211803.	2.9	38
539	Search for FCNC single top-quark production at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 351-369.	1.5	38
540	Search for strong production of supersymmetric particles in final states with missing transverse momentum and at least three b-jets at $\sqrt{s} = 8$ TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	38



#	ARTICLE	IF	CITATIONS
541	Search for pair production of Higgs bosons in the final state using proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	38
542	Measurement of the double-differential high-mass Drell-Yan cross section in pp collisions at $s = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	38
543	Search for pair production of vector-like top quarks in events with one lepton, jets, and missing transverse momentum in $s = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	38
544	Measurement of the exclusive $\gamma\gamma \rightarrow \mu^+\mu^-$ process in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 777, 303-323.	1.6	38
545	Measurements of WH and ZH production in the $\gamma\gamma$ decay channel in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 469-497.	1.5	38
546	Measurements of WH and ZH production in the $\gamma\gamma$ decay channel in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	38
547	Search for electroweak single-top-quark production in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	37
548	Top Quark Mass Measurement in the $\gamma\gamma$ Channel Using a Matrix Element Method	2.9	37
549	Search for $W$ bosons in $\gamma\gamma$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, .	2.9	37
550	Search for $W$ bosons in $\gamma\gamma$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, .	2.9	37
551	Search for Gluinos in Events with Two Same-Sign Leptons, Jets, and Missing Transverse Momentum with the ATLAS Detector in pp Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2012, 108, 241802.	2.9	37
552	Study of substructure of high transverse momentum jets produced in proton-antiproton collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	1.6	37
553	Search for pair production of Higgs bosons in $\gamma\gamma$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, .	1.6	37
554	Search for second generation scalar leptoquarks in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	37
555	Search for direct stop quark and gluino production in final states with two leptons and missing transverse momentum with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 705, 250-260.	1.5	37
556	Search for new phenomena in photon + jet events collected in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 562-578.	1.5	37
557	Search for bottom squark pair production in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 547.	1.4	37
558	Measurement of the $W$ boson polarisation in $t\bar{t}$ events from pp collisions at $\sqrt{s}=8$ TeV in the lepton+jets channel with ATLAS. European Physical Journal C, 2017, 77, 264.	1.4	37

#	ARTICLE	IF	CITATIONS
559	Electron and photon energy calibration with the ATLAS detector using 2015â€“2016 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P03017-P03017.	0.5	37
560	Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fb <sup>-1</sup> of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	37
561	Search for $B_s^0 \rightarrow \tau^+ \tau^-$ and $B_d^0 \rightarrow \tau^+ \tau^-$ Decays in pp Collisions with CDF II. Physical Review Letters, 2005, 95, 021805.	2.9	36
562	Observation of WZ Production. Physical Review Letters, 2007, 98, 161801.	2.9	36
563	Combination of CDF and D0 measurements of the $W$ boson helicity in top quark decays. Physical Review D, 2012, 85, ..	1.6	36
564	ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	36
565	Search for same-sign top-quark production and fourth-generation down-type quarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	36
566	Search for extra dimensions using diphoton events in 7 TeV protonâ€“proton collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 538-556.	1.5	36
567	Measurement of the polarisation of $W$ bosons produced with large transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS experiment. European Physical Journal C, 2012, 72, 1.	1.4	36
568	Measurement of the Cross Section for Prompt Isolated Diphoton Production Using the Full CDF Run II Data Sample. Physical Review Letters, 2013, 110, 101801.	2.9	36
569	Measurement of the cross section for top quark pair production in association with a photon and measurement of the $t$ quark polarization. Physical Review Letters, 2013, 110, 101801.	1.6	36
570	Search for heavy lepton resonances decaying to a $Z$ boson and a lepton in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	36
571	Search for heavy long-lived multi-charged particles in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. European Physical Journal C, 2015, 75, 362.	1.4	36
572	Centrality, rapidity, and transverse momentum dependence of isolated prompt photon production in lead-lead collisions at $\sqrt{s} = 2.76$ TeV measured with the ATLAS detector. Physical Review C, 2016, 93, ..	1.1	36
573	Search for the Dimuon Decay of the Higgs Boson in pp Collisions at $\sqrt{s} = 13$ TeV with the ATLAS Detector. Physical Review Letters, 2017, 119, 051802.	2.9	36
574	Search for pair production of heavy vector-like quarks decaying to high- $p_T$ $W$ bosons and $b$ quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	36
575	Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	36
576	Search for a scalar partner of the top quark in the all-hadronic $t\bar{t}$ plus missing transverse momentum final state at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	36

#	ARTICLE	IF	CITATIONS
577	Search for narrow resonances in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2008, 100, 091803.	1.6	35
578	First Measurement of $W$ Boson Production in Association with a Single Charm Quark in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 091803.	2.9	35
579	Search for the Higgs Boson in the $W^*W^*$ Decay Channel in $pp$ Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 111802.	2.9	35
580	The FastTracker Real Time Processor and Its Impact on Muon Isolation, Tau and $b$ -jet Online Selections at ATLAS. IEEE Transactions on Nuclear Science, 2012, 59, 348-357.	1.2	35
581	Search for Quantum Black Hole Production in High-Invariant-Mass $pp$ Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2015, 114, 161801.	1.6	35
582	Search for pair and single production of new heavy quarks that decay to a $Z$ boson and a third-generation quark in $pp$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	2.9	35
583	Search for pair and single production of new heavy quarks that decay to a $Z$ boson and a third-generation quark in $pp$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
584	Search for top quark decays $t \rightarrow qH$ with $H \rightarrow \tau\tau$ using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, .	1.6	35
585	Search for $W \rightarrow tb$ decays in $pp$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 165.	1.4	35
586	Search for Scalar Charm Quark Pair Production in $pp$ Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2015, 114, 161801.	2.9	35
587	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. Journal of High Energy Physics, 2015, 2015, 1.	1.6	35
588	Identification and rejection of pile-up jets at high pseudorapidity with the ATLAS detector. European Physical Journal C, 2017, 77, 580.	1.4	35
589	Search for diboson resonances with boson-tagged jets in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 777, 91-112.	1.6	35
590	Search for long-lived particles produced in $pp$ collisions at $\sqrt{s}=13$ TeV that decay into displaced hadronic jets in the ATLAS muon spectrometer. Physical Review D, 2019, 99, .	1.6	35
591	Measurement of the Cross Section for Prompt Diphoton Production in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 95, 022003.	2.9	34
592	Measurement of the $t\bar{t}$ -production cross section in $pp$ collisions at $\sqrt{s}=1.96$ TeV using lepton plus jets events with semileptonic $B$ decays to muons. Physical Review D, 2005, 72, .	1.6	34
593	Search for High Mass Resonances Decaying to Muon Pairs in $pp$ Collisions at $\sqrt{s}=1.96$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 106, 121801.	2.9	34
594	A search for flavour changing neutral currents in top-quark decays in $pp$ collision data collected with the ATLAS detector at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	34

#	ARTICLE	IF	CITATIONS
595	Measurement of the differential cross-section of highly boosted top quarks as a function of their transverse momentum in 8 TeV proton-proton collisions using the ATLAS detector. Physical Review D, 2016, 93, . Search for heavy vector-like quarks coupling to light quarks in proton-proton collisions at $\sqrt{s}=8$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 22-39.	1.6	34
596	Multi-channel search for squarks and gluinos in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2362.	1.4	34
598	Evidence for a bottom baryon resonance $\Lambda_b^0$ in CDF data. Physical Review D, 2013, 88, .	1.6	34
599	Measurements of Direct-C Violating Asymmetries in Charmless Decays of Bottom Baryons. Physical Review Letters, 2014, 113, 242001.	2.9	34
600	Search for massive supersymmetric particles decaying to many jets using the ATLAS detector in pp collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2015, 91, .	1.6	34
601	Measurement of the differential cross-section of highly boosted top quarks as a function of their transverse momentum in 8 TeV proton-proton collisions using the ATLAS detector. Physical Review D, 2016, 93, .	1.6	34
602	Evidence for single top-quark production in the s-channel in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector using the Matrix Element Method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 756, 228-246.	1.4	34
603	Measurements of top-quark pair differential and double-differential cross-sections in the $tt+2$ jets channel with pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	34
604	Search for direct production of electroweakinos in final states with one lepton, missing transverse momentum and a Higgs boson decaying into two b-jets in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	34
605	Evidence for $B_s \rightarrow \tau^+ \tau^-$ Decay and Measurements of Branching Ratio and $ACP$ for $B \rightarrow \tau^+ \tau^- K^+$ . Physical Review Letters, 2005, 95, 031801.	2.9	33
606	Search for a Standard Model Higgs Boson in $Wb$ Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2010, 100, 151802.	2.9	33
607	Combined Tevatron upper limit on $H \rightarrow W^+ W^-$ and constraints on the Higgs boson mass in fourth-generation fermion models. Physical Review D, 2010, 82, .	1.6	33
608	Inclusive search for same-sign dilepton signatures in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	33
609	Measurement of the $Wb$ Production Cross Section and Limits on Anomalous Neutral Triple Gauge Couplings in Proton-Proton Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 041804.	2.9	33
610	Search for Supersymmetry in Events with Three Leptons and Missing Transverse Momentum in $pp$ Collisions with the ATLAS Detector. Physical Review Letters, 2012, 108, 261804.	2.9	33
611	Measurement of jet shapes in top-quark pair events at $\sqrt{s} = 7$ TeV using the ATLAS detector. European Physical Journal C, 2013, 73, 2676.	1.4	33



#	ARTICLE	IF	CITATIONS
613	Dynamics of isolated-photon plus jet production in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Nuclear Physics B, 2013, 875, 483-535.	0.9	33
614	Direct Measurement of the Total Decay Width of the Top Quark. Physical Review Letters, 2013, 111, 202001.	2.9	33
615	Search for Resonant Top-Antitop Production in the Lepton Plus Jets Decay Mode Using the Full CDF Data Set. Physical Review Letters, 2013, 110, 121802.	2.9	33
616	Analysis of events with b-jets and a pair of leptons of the same charge in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
617	Searches for heavy long-lived charged particles with the ATLAS detector in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
618	Measurement of exclusive $W^+W^-$ production and search for exclusive Higgs boson production in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. Physical Review D, 2016, 94, .	1.6	33
619	Measurement of the angular coefficients in Z-boson events using electron and muon pairs from data taken at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	33
620	Measurements of $\Upsilon(2S)$ and $\chi(3872)$ $\rightarrow J/\psi + \Upsilon$ production in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	33
621	Search for invisible Higgs boson decays in vector boson fusion at $\sqrt{s}=8$ TeV with the ATLAS detector. Physics Letters, 2017, 371, 1-10.	2.9	33
622	Search for direct production of particles with high energy Physics, 2017, 2017, 1.	1.6	33
623	Search for direct production of particles with high energy Physics, 2017, 2017, 1.	1.6	33
624	Measurement of $W^+Z$ and $Z^0Z^0$ Production in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 94, 041803.	2.9	32
625	Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events with Missing Transverse Energy at CDF II. Physical Review Letters, 2010, 104, 011801.	2.9	32
626	Search for high mass dilepton resonances in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 261801.	1.5	32
627	Search for high mass dilepton resonances in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 261801.	2.9	32
628	Measurement of Polarization and Search for CP Violation in $B_s^0 \rightarrow \tau^+ \tau^-$ Decays. Physical Review Letters, 2011, 107, 261802.	2.9	32
629	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.	1.6	32
630	Measurement of the leptonic asymmetry in $t\bar{t}$ events produced in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review Letters, 2013, 110, 121802.	1.6	32

#	ARTICLE	IF	CITATIONS
631	Measurement of $c_1$ and $c_2$ production with $\sqrt{s} = 7$ TeV pp collisions at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	32
632	Search for s-channel single top-quark production in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 118-136.	1.4	32
633	Determination of the strong coupling constant $\alpha_s$ from transverse energy correlations in multijet events at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2011, 71, 1.	1.6	32
634	Search for pair and single production of vectorlike quarks in final states with at least one top quark. Physical Review Letters, 2006, 96, 022004.	1.4	32
635	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.	1.6	31
636	Measurement of the moments of the hadronic invariant mass distribution in semileptonic B decays. Physical Review D, 2005, 71, .	1.6	31
637	Search for High-Mass Resonances Decaying to $t\bar{t}$ in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 211802.	2.9	31
638	Precision Top-Quark Mass Measurement in the Lepton+Jets Topology in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 022004.	2.9	31
639	Search for Heavy Toplike Quarks Using Lepton Plus Jets Events in 1.96 TeV pp Collisions. Physical Review Letters, 2008, 100, 161803.	2.9	31
640	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
641	Hadron Lifetimes in Exclusive Decays Containing a B Meson. Physical Review Letters, 2006, 96, 022004.	2.9	31
642	Measurement of the cross section for prompt isolated diphoton production in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 022004.	1.6	31
643	Measurement of the production cross section for the $W$ Boson and a charm quark in association with jets in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 84, .	2.9	31
644	Measurement of the b-hadron production cross section using decays to $D^* \mu^+ \mu^-$ in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2014, 90, .	1.6	31
645	Search for light scalar top-quark pair production in final states with two leptons with the ATLAS detector in $\sqrt{s} = 7$ TeV proton-proton collisions. European Physical Journal C, 2012, 72, 1.	0.9	31
646	Measurements of spin correlation in top-antitop quark events from proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2014, 90, .	1.6	31
647	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

#	ARTICLE	IF	CITATIONS
649	Measurement of the $Z$ Production Cross Section in $pp$ Collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	2.9	31
650	A search for prompt lepton-jets in $pp$ collisions at $s = 8 \sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	31
651	Measurement of inclusive and differential cross sections in the $H \rightarrow ZZ^* \rightarrow 4\ell$ decay channel in $pp$ collisions at $s = 13 \sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	31
652	Search for $W$ resonance production in $\gamma\gamma$ 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
653	Search for the Higgs boson decays $H \rightarrow \tau^+ \tau^-$ and $H \rightarrow \mu^+ \mu^-$ in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, 2019, 788, 316-335.	1.5	31
654	Search for Excited and Exotic Electrons in the $e^+e^-$ Decay Channel in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 94, 101802.	1.5	31
655	Search for new particles leading to $Z$ jets final states in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 081801.	2.9	30
656	Search for pair production of supersymmetric top quarks in dilepton events from $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 251801.	1.6	30
657	Measurement of $W$ -Boson Polarization in Top-Quark Decay in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 042002.	1.6	30
658	Observation of Exclusive $\tau^+\tau^-$ Production in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 081801.	2.9	30
659	Search for supersymmetry in $pp$ collisions at $\sqrt{s}=7$ TeV in final states with missing transverse momentum and $b$ -jets with the ATLAS detector. Physical Review D, 2012, 85, .	2.9	30
660	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.	2.9	30
661	Study of hard double-parton scattering in four-jet events in $pp$ collisions at $s = 7 \sqrt{s}=7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.	1.4	30
662	Charged-particle distributions in $pp$ interactions at $\sqrt{s}=8$ TeV measured with the ATLAS detector. European Physical Journal C, 2016, 76, 403.	1.6	30
663	Search for supersymmetry in $pp$ collisions at $\sqrt{s}=7$ TeV in final states with missing transverse momentum and $b$ -jets with the ATLAS detector. Physical Review D, 2012, 85, .	1.4	30
664	Evidence for $W$ production in $pp$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 79.	1.6	30
665	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
666	Study of hard double-parton scattering in four-jet events in $pp$ collisions at $s = 7 \sqrt{s}=7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.	1.6	30
667	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

#	ARTICLE	IF	CITATIONS
667	Searches for the $Z\tilde{\chi}^0_1$ decay mode of the Higgs boson and for new high-mass resonances in pp collisions at $s = 13 \sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	30
668	Searches for the $Z\tilde{\chi}^0_1$ decay mode of the Higgs boson and for new high-mass resonances in pp collisions at $s = 13 \sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	30
669	Study of $WW\gamma$ and $WZ$ . European Physical Journal C, 2017, 77, 646.	1.4	30
670	Search for new phenomena in events with same-charge leptons and b-jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	30
671	Searches for lepton-flavour-violating decays of the Higgs boson in $s = 13$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135069.	1.5	30
672	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
673	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s = 1.96$ TeV using kinematic fitting of b-tagged lepton+jet events. Physical Review D, 2005, 71, .	1.6	29
674	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
675	Precision measurement of the top-quark mass from dilepton events at CDF II. Physical Review D, 2007, 75, .	1.6	29
676	Measurement of cross sections for b-jet production in events with a Z boson in pp collisions at $s = 1.96$ TeV. Physical Review D, 2009, 79, .	1.6	29
677	Measurement of the top pair production cross section in the dilepton decay channel in pp collisions at $s = 1.96$ TeV. Physical Review D, 2010, 82, .	1.6	29
678	Properties of jets measured from tracks in proton-proton collisions at center-of-mass energy $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2011, 84, .	1.6	29
679	Search for a Standard Model Higgs Boson in the $H \rightarrow ZZ \rightarrow 4\ell$ Decay Channel with the ATLAS Detector. Physical Review Letters, 2011, 107, 221802.	2.9	29
680	Forward-backward correlations and charged-particle azimuthal distributions in pp interactions using the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	29
681	Search for displaced muonic lepton jets from light Higgs boson decay in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary	1.6	29
682	Search for dark matter produced in association with a hadronically decaying vector boson in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 251-268.	1.6	29
683	Dijet production in pp collisions with large rapidity gaps at the ATLAS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 14-234.	1.5	29
684	Measurement of jet charge in dijet events from pp collisions with the ATLAS detector. Physical Review D, 2016, 93, .	1.6	29



#	ARTICLE	IF	CITATIONS
685	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
686	Measurement of the inclusive cross-sections of single top-quark and top-antiquark t-channel production in pp collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	29
687	Measurement of the cross section for inclusive isolated-photon production in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 473-493.	1.1	29
688	Study of the material of the ATLAS inner detector for Run 2 of the LHC. Journal of Instrumentation, 2017, 12, P12009-P12009.	0.5	29
689	Search for pair production of heavy vectorlike quarks decaying into hadronic final states in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physical Review D, 2019, 100, 054011.	1.6	29
690	Measurement of the azimuthal anisotropy of charged-particle production in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physical Review C, 2020, 101, .	1.1	29
691	Search for heavy diboson resonances in semileptonic final states in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	29
692	Search for Long-Lived Doubly Charged Higgs Bosons in pp Collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review Letters, 2005, 95, 071801.	2.9	28
693	Search for a Fermiophobic Higgs Boson Decaying into Diphotons in pp Collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review Letters, 2009, 103, 061803.	2.9	28
694	Search for massive long-lived highly ionising particles with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 353-370.	1.5	28
695	Observation of the $\chi_{c0}$ and $\chi_{c1}$ resonances in pp collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review Letters, 2011, 107, 102001.	2.9	28
696	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.	2.9	28
697	Search for anomalous electroweak production of $b\bar{b}$ pairs in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 771, 288-317.	1.6	28
698	Search for Higgs bosons produced in association with $b\bar{b}$ quarks. Physical Review D, 2012, 85, .	1.6	28
699	A search for prompt lepton-jets in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 771, 288-317.	1.6	28
700	Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	28
701	Combination of searches for $W$ , $WZ$ , and $ZZ$ resonances in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 771, 288-317.	1.6	28
702	Search for anomalous electroweak production of $b\bar{b}$ pairs in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 771, 288-317.	1.6	28

#	ARTICLE	IF	CITATIONS
703	Measurement of lepton differential distributions and the top quark mass in $t\bar{t}$ . European Physical Journal C, 2017, 77, 804.	1.4	28
704	Measurement of $WW/WZ \rightarrow \ell u q \ell'$ , $WZ \rightarrow \ell u q \ell'$ , $WZ \rightarrow \ell u q \ell'$ 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
705	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
706	Measurement of the $t\bar{t}Z$ cross sections in $t\bar{t}Z$ 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.	1.6	28
707	In situ calibration of large-radius jet energy and mass in $13$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	28
708	Measurement of photon-jet transverse momentum correlations in 5.02 TeV Pb + Pb and pp collisions with ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 167-190.	1.5	28
709	Search for chargino-neutralino production with mass splittings near the electroweak scale in three-lepton final states in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.5	28
710	Search for chargino-neutralino production with mass splittings near the electroweak scale in three-lepton final states in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.6	28
711	Measurement of the Lund Jet Plane Using Charged Particles in $13$ TeV Proton-Proton Collisions with the ATLAS Detector. Physical Review Letters, 2020, 124, 222002.	2.9	28
712	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
713	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
714	Measurement of the $b$ -quark lifetime in $b \rightarrow c \ell \bar{\nu}_\ell$ Decays in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 102002.	2.9	27
715	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
716	Search for the Standard Model Higgs Boson Decaying to $bb$ 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
717	Measurement of the cross-section for $b$ -jets produced in association with a $Z$ boson at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 111804.	2.9	27
718	Flavor-tagged time-dependent angular analysis of the $b \rightarrow c \ell \bar{\nu}_\ell$ decays in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 111804.	2.9	27
719	Measurement of the cross-section for $b$ -jets produced in association with a $Z$ boson at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 111804.	1.1	27
720	Search for New Phenomena in Dijet Angular Distributions in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2015, 114, 221802.	2.9	27

#	ARTICLE	IF	CITATIONS
721	Search for metastable heavy charged particles with large ionisation energy loss in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS experiment. European Physical Journal C, 2015, 75, 407.	1.4	27
722	Measurements of top-quark pair differential cross-sections in the $e^+e^-$ channel in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. European Physical Journal C, 2017, 77, 292.	1.4	27
723	Tevatron Run II combination of the effective leptonic electroweak mixing angle. Physical Review D, 2018, 97, .	1.6	27
724	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a $\bar{\nu}_\tau$ -lepton in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	27
725	Precise Measurement of the Top-Quark Mass in the Lepton+Jets Topology at CDF II. Physical Review Letters, 2007, 99, 182002.	2.9	26
726	Measurement of the $Z \rightarrow \tau^+\tau^-$ cross section with the ATLAS detector. Physical Review D, 2011, 84, .	2.9	26
727	Events from $p\bar{p} \rightarrow Z \rightarrow \tau^+\tau^-$ Collisions Search for Pair Production of a New Quark that Decays into a Boson and a Bottom Quark with the ATLAS Detector. Physical Review Letters, 2012, 109, 071801.	2.9	26
728	Search for anomalous production of prompt like-sign muon pairs and constraints on physics beyond the standard model with the ATLAS detector. Physical Review D, 2012, 85, .	1.6	26
729	Observation of $D^0 \rightarrow \tau^+\tau^-$ Mixing Using the CDF II Detector. Physical Review Letters, 2013, 111, 231802.	2.9	26
730	Search for Pair Production of Strongly Interacting Particles Decaying to Pairs of Jets in $p\bar{p} \rightarrow Z \rightarrow \tau^+\tau^-$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 111, 031802.	2.9	26
731	Measurement of the Differential Cross Section of $p\bar{p} \rightarrow Z \rightarrow \tau^+\tau^-$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 111, 031802.	2.9	26
732	Measurement of the parity-violating asymmetry parameter $A_{FB}^{\tau}$ in $p\bar{p} \rightarrow Z \rightarrow \tau^+\tau^-$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 111, 031802.	2.9	26
733	Measurement of the top pair production cross section in 8 TeV proton-proton collisions using kinematic information in the $t\bar{t} \rightarrow Z \rightarrow \tau^+\tau^-$ final state with ATLAS. Physical Review D, 2015, 91, .	1.6	26
734	Search for new light gauge bosons in Higgs boson decays to four-lepton final states in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector at the LHC. Physical Review D, 2015, 92, .	1.6	26
735	Search for dark matter in association with a Higgs boson decaying to b-quarks in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 11-31.	1.6	26
736	Measurements of electroweak $W_{jj}$ production and constraints on anomalous gauge couplings with the ATLAS detector. European Physical Journal C, 2017, 77, 474.	1.4	26
737	Searches for exclusive Higgs and Z boson decays into $J/\psi \rightarrow \tau^+\tau^-$ , $\psi(2S) \rightarrow \tau^+\tau^-$ , and $\psi(nS) \rightarrow \tau^+\tau^-$ at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 134-155.	1.6	26
738	Searches for exclusive Higgs and Z boson decays into $J/\psi \rightarrow \tau^+\tau^-$ , $\psi(2S) \rightarrow \tau^+\tau^-$ , and $\psi(nS) \rightarrow \tau^+\tau^-$ at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 134-155.	1.6	26

#	ARTICLE	IF	CITATIONS
739	Search for Higgs bosons produced via vector boson fusion and decaying into bottom quark pairs in $\sqrt{s} > 13 \text{ TeV}$ collisions with the ATLAS detector. Physical Review Letters, 2018, 120, 1-5.	1.6	26
740	Search for Higgs boson decays into a pair of light bosons in the $b\bar{b}$ final state in pp collision at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 700, 1-21.	1.6	26
741	Measurement of the $W$ production cross-section and lepton differential distributions in $W \rightarrow \mu\mu$ dilepton events from pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, .	1.4	26
742	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $W \rightarrow b\bar{b}$ and $W \rightarrow WZ$ final states in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	26
743	Measurement of the $W+W \rightarrow \gamma$ Production Cross Section in $pp \rightarrow \gamma \gamma$ Collisions at $\sqrt{s} = 1.96 \text{ TeV}$ Using Dilepton Events. Physical Review Letters, 2005, 94, 211801.	2.9	25
744	Top-Quark Mass Measurement from Dilepton Events at CDF II. Physical Review Letters, 2006, 96, 152002.	2.9	25
745	Measurement of the helicity fractions of $W$ bosons from top quark decays using fully reconstructed $t\bar{t} \rightarrow W\gamma$ events with CDF II. Physical Review D, 2007, 75, .	1.6	25
746	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
747	Measurement of the $W+WZ$ Production Cross Section Using the lepton+jets Final State at CDF II. Physical Review Letters, 2010, 104, 101801.	2.9	25
748	Measurement of the top quark mass and $pp \rightarrow t\bar{t} \rightarrow W\gamma$ cross section in the all-hadronic mode with the CDF II detector. Physical Review D, 2010, 81, .	1.6	25
749	Search for Production of Heavy Particles Decaying to Top Quarks and Invisible Particles in $pp \rightarrow \gamma \gamma$ Collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review Letters, 2011, 106, 191801.	2.9	25
750	Measurement of the Mass Difference between $t$ and $\bar{t}$ Quarks. Physical Review Letters, 2011, 106, 152001.	2.9	25
751	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
752	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
753	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
754	Search for the Standard Model Higgs boson produced in association with a vector boson and decaying to a b-quark pair with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 369-390.	1.5	25
755	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



#	ARTICLE	IF	CITATIONS
757	Determination of the top-quark pole mass using $t\bar{t} + 1$ -jet events collected with the ATLAS experiment in 7 TeV pp collisions. Journal of High Energy Physics, 2015, 2015, 1.	1.6	25
758	Searches for heavy diboson resonances in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	25
759	Search for triboson $W^+W^-W^{\pm}$ production in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 141.	1.4	25
760	Operation and performance of the ATLAS Tile Calorimeter in Run 1. European Physical Journal C, 2018, 78, 987.	1.4	25
761	Correlated long-range mixed-harmonic fluctuations measured in pp, p+Pb and low-multiplicity Pb+Pb collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 444-471.	1.5	25
762	Search for Magnetic Monopoles and Stable High-Electric-Charge Objects in 13 TeV Proton-Proton Collisions with the ATLAS Detector. Physical Review Letters, 2020, 124, 031802.	2.9	25
763	Search for charginos and neutralinos in final states with two boosted hadronically decaying bosons and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2021, 104, .	1.6	25
764	Search for first-generation scalar leptoquarks in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2005, 72, .	1.6	24
765	Top quark mass measurement from dilepton events at CDF II with the matrix-element method. Physical Review D, 2006, 74, .	1.6	24
766	Measurement of the $pp \rightarrow t\bar{t}$ production cross section and the top quark mass at $\sqrt{s} = 1.96$ TeV in the all-hadronic decay mode. Physical Review D, 2007, 76, .	1.6	24
767	Measurement of the $b$ lifetime in $pp \rightarrow b\bar{b}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 122001.	2.9	24
768	Measurement of $\sigma(pp \rightarrow Z) \cdot \mathcal{B}(Z \rightarrow \tau^+\tau^-)$ in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 75, .	1.6	24
769	Diffractive $W^+Z$ production at the Fermilab Tevatron. Physical Review D, 2010, 82, .	1.6	24
770	Direct Top-Quark Width Measurement at CDF. Physical Review Letters, 2010, 105, 232003.	2.9	24
771	Top quark mass measurement using the template method at CDF. Physical Review D, 2011, 83, .	1.6	24
772	Measurement of the $W^+W^-T$ production cross section in pp collisions at $\sqrt{s} = 7$ TeV with event signature $W^+W^-T$ . Physical Review Letters, 2011, 107, 041802.	2.9	24
773	Search for New Physics in Final States with Large Jet Multiplicities and Missing Transverse Energy in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 95, .	1.6	24
774	Measurement of the $pp \rightarrow T$ production cross section at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 95, .	2.9	24

#	ARTICLE	IF	CITATIONS
775	Evidence for $t\bar{t}t\bar{t}$ production and measurement of $\sigma(t\bar{t}t\bar{t})/\sigma(t\bar{t})$ . Physical Review D, 2011, 84, . <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>\sigma(t\bar{t}t\bar{t})/\sigma(t\bar{t})</math></math>	1.6	24
776	Measurement of the cross-section of high transverse momentum vector bosons reconstructed as single jets and studies of jet substructure in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. New Journal of Physics, 2014, 16, 113013.	1.6	24
777	Search for Type-III seesaw heavy leptons in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 841-859.	1.5	24
778	Measurement of the cross-section of $t\bar{t}b\bar{b}$ production and mass in the ATLAS experiment. Physical Review D, 2013, 87, .	1.5	24
779	Observation of the Production of a $W$ Boson in Association with a Single Charm Quark. Physical Review Letters, 2013, 110, 071801.	2.9	24
780	Measurement of the cross-section of high transverse momentum vector bosons reconstructed as single jets and studies of jet substructure in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. New Journal of Physics, 2014, 16, 113013.	1.2	24
781	Search for Type-III seesaw heavy leptons in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 841-859.	1.6	24
782	Search for the Higgs boson produced in association with a $W$ boson and decaying to four $b$ -quarks via two spin-zero particles in $pp$ collisions at 13 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 605.	1.6	24
783	Search for the Higgs boson produced in association with a $W$ boson and decaying to four $b$ -quarks via two spin-zero particles in $pp$ collisions at 13 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 605.	1.4	24
784	Search for supersymmetry in a final state containing two photons and missing transverse momentum in $pp$ collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2016, 76, 517.	1.4	24
785	Measurement of the $W\Delta Z$ boson pair-production cross section in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 1-22.	1.4	24
786	Measurement of forward-backward multiplicity correlations in lead-lead, proton-lead, and proton-proton collisions with the ATLAS detector. Physical Review C, 2017, 95, .	1.1	24
787	Measurement of jet fragmentation in $Pb+Pb$ and $Pb+Pb$ collisions at $\sqrt{s} = 2.76$ TeV with the ATLAS detector. Physical Review C, 2018, 98, .	1.5	24
788	Measurement of jet fragmentation in $Pb+Pb$ and $Pb+Pb$ collisions at $\sqrt{s} = 2.76$ TeV with the ATLAS detector. Physical Review C, 2018, 98, .	1.1	24
789	Measurement of the cross-section and charge asymmetry of $W$ bosons produced in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	24
790	Measurement of fiducial and differential $W^+W^-$ production cross-sections at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	24
791	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
792	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

#	ARTICLE	IF	CITATIONS
793	Measurement of $\sigma(\bar{b}b)/\sigma(\bar{b}b) - \sigma(\bar{b}b) + \sigma(\bar{c}c)/\sigma(\bar{b}b) + \sigma(\bar{c}c)$ in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 98, 122002.	2.9	23
794	Publisher's Note: Measurement of the inclusive jet cross section using the k <sub>T</sub> algorithm in pp collisions at $\sqrt{s} = 1.96$ TeV with the CDF II detector [Phys. Rev. D 75, 092006 (2007)]. Physical Review D, 2007, 75, .	1.6	23
795	Measurement of correlated $b\bar{b}$ production in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2008, 77, .	1.6	23
796	Commissioning of the ATLAS Muon Spectrometer with cosmic rays. European Physical Journal C, 2010, 70, 875-916.	1.4	23
797	Search for the Production of Scalar Bottom Quarks in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 081802.	2.9	23
798	Measurement of the top quark mass in the dilepton channel using $T_{\text{CDF}}$ at CDF. Physical Review D, 2010, 81, .	1.6	23
799	Search for the Standard Model Higgs boson in the two photon decay channel with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 452-470.	1.5	23
800	Search for the Higgs Boson in the $H \rightarrow \tau\tau$ Decay Channel in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 107, 231801.	2.9	23
801	Search for pair-produced heavy quarks decaying to $p$ in jets from pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 081802.	1.6	23
802	Search for pair-produced heavy quarks decaying to $W$ in the two-lepton channel at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 081802.	1.6	23
803	Time-dependent angular analysis of the decay $B_s \rightarrow \tau \nu$ and extraction of $\tau$ and the CP-violating weak phase $\arg(\lambda)$ by ATLAS. Journal of High Energy Physics, 2012, 2012, .	1.6	23
804	Search for excited electrons and muons in $\sqrt{s} = 8$ TeV proton-proton collisions with the ATLAS detector. New Journal of Physics, 2013, 15, 093011.	1.2	23
805	A measurement of the ratio of the production cross sections for $W$ and $Z$ bosons in association with jets with the ATLAS detector. European Physical Journal C, 2014, 74, 3168.	1.4	23
806	Measurement of the underlying event in jet events from $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 1.	1.4	23
807	Determination of the Ratio of $b$ -Quark Fragmentation Fractions $\sigma(\bar{b}b)/\sigma(\bar{b}b) + \sigma(\bar{c}c)$ in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2015, 115, 262001.	2.9	23
808	A search for high-mass resonances decaying to $\tau\tau$ in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	23
809	Measurement of the strong coupling constant $\alpha_s$ using the ATLAS detector and determination of the strong coupling constant $\alpha_s$ using the ATLAS detector and determination of the strong coupling constant $\alpha_s$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 75, 228.	1.5	23
810	Measurement of three-jet production cross-sections in $pp$ collisions at $\sqrt{s} = 7$ TeV centre-of-mass energy using the ATLAS detector. European Physical Journal C, 2015, 75, 228.	1.4	23

#	ARTICLE	IF	CITATIONS
811	Search for new phenomena in different-flavour high-mass dilepton final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 541.	1.4	23
812	Measurement of $W$ vector-boson scattering and limits on anomalous quartic gauge couplings with the ATLAS detector. Physical Review D, 2017, 96, .	1.6	23
813	Measurement of the inclusive jet cross-sections in proton-proton collisions at $s=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	23
814	Search for squarks and gluinos in events with an isolated lepton, jets, and missing transverse momentum at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review D, 2017, 96, .	1.6	23
815	Search for squarks and gluinos in events with an isolated lepton, jets, and missing transverse momentum at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review D, 2017, 96, .	2.9	23
816	Search for doubly and singly charged Higgs bosons decaying into vector bosons in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	23
817	AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	1.3	23
818	Measurement of the top quark mass with the dynamical likelihood method using lepton plus jets events with b-tags in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 73, .	1.6	22
819	Search for $V+A$ Current in Top-Quark Decays in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 072001.	2.9	22
820	Search for Heavy Long-Lived Particles that Decay to Photons at CDF II. Physical Review Letters, 2007, 99, 121801.	2.9	22
821	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
822	Search for a Higgs Boson Decaying to Two $W$ Bosons at CDF. Physical Review Letters, 2009, 102, 021802.	2.9	22
823	Study of the associated production of photons and b-quark jets in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 81, .	1.6	22
824	Measurements of branching fraction ratios and CP asymmetries in $B^0 \rightarrow \pi^+ \pi^-$ decays in hadron collisions. Physical Review D, 2010, 81, .	1.6	22
825	Measurements of the top-quark mass using charged particle tracking. Physical Review D, 2010, 81, .	1.6	22
826	Search for the Standard Model Higgs boson in the decay channel $H \rightarrow \tau^+ \tau^-$ . Physical Review Letters, 2011, 107, 181801.	1.5	22
827	Search for New Physics in High $p_T$ Like-Sign Dilepton Events at CDF II. Physical Review Letters, 2011, 107, 181801.	2.9	22
828	Measurement of the masses and widths of the bottom baryons $\Lambda_b^0$ and $\Lambda_b^+$ . Physical Review D, 2012, 85, .	1.6	22



#	ARTICLE	IF	CITATIONS
829	Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	22
830	Search for new phenomena in the $W \rightarrow \tau \nu$ decay channel in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters B, 2013, 718, 860-878.	1.4	22
831	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 2982.	2.9	22
832	Measurement of the electroweak production of dijets in association with a Z-boson and distributions sensitive to vector boson fusion in proton-proton collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22
834	Measurement of the $t\bar{t} \rightarrow W^+W^-$ and $t\bar{t} \rightarrow Z$ production cross sections in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	22
835	Study of (W/Z)H production and Higgs boson couplings using $H \rightarrow WW$ decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	22
836	Measurement of central exclusive $pp \rightarrow p\bar{p} + X$ production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2015, 91, .	1.6	22
837	Measurement of top quark pair differential cross sections in the dilepton channel in pp collisions at $\sqrt{s}=7$ and $8$ TeV with ATLAS. Physical Review D, 2016, 94, .	1.6	22
838	High-ET isolated-photon plus jets production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Nuclear Physics B, 2017, 918, 257-316.	0.9	22
839	AMO6: the Associative Memory chip for the Fast Tracker in the upgraded ATLAS detector. Journal of Instrumentation, 2017, 12, C04013-C04013.	0.5	22
840	Measurements of top quark pair differential cross-sections of highly boosted top quarks decaying to all-hadronic final states in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2019, 99, .	1.6	22
841	Search for heavy particles decaying into a top quark pair in the fully hadronic final state in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2019, 99, .	1.6	22
842	Measurements of top-quark pair spin correlations in the $W$ channel at $\sqrt{s}=13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.6	22
843	Search for heavy neutral Higgs bosons produced in association with $b$ -quarks and decaying into $b$ -quarks and a muon with large impact parameter in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters B, 2020, 805, 135426.	1.4	22
844	Test of CP invariance in vector boson fusion production of the Higgs boson in the $H \rightarrow \tau\tau$ channel in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters B, 2020, 805, 135426.	1.6	22
845	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 2982.	1.6	22
846	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 2982.	1.5	22

#	ARTICLE	IF	CITATIONS
847	Search for new phenomena in events with two opposite-charge leptons, jets and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	22
848	Observation and Measurement of Forward Proton Scattering in Association with Lepton Pairs Produced via the Photon Fusion Mechanism at ATLAS. Physical Review Letters, 2020, 125, 261801.	2.9	22
849	Measurement of the helicity of W bosons in top-quark decays. Physical Review D, 2006, 73, .	1.6	21
850	Search for second-generation scalar leptoquarks in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2006, 73, .	1.6	21
851	First Observation of $B \rightarrow B^0 \tau^+ \tau^-$ Decays. Physical Review Letters, 2009, 103, 11802.	1.5	21
852	Measurement of the Ratio of Branching Fractions $\frac{\mathcal{B}(B \rightarrow B^0 \tau^+ \tau^-)}{\mathcal{B}(B \rightarrow B^0 \mu^+ \mu^-)}$ in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2013, 111, 11802.	1.5	21
853	Search for high-mass resonances decaying to $W^+ W^-$ in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.5	21
854	Observation of $B_s \rightarrow K^* \mu^+ \mu^-$ and $B_s \rightarrow K^* \mu^+ \mu^-$ decays. Physical Review D, 2011, 83, .	1.6	21
855	ATLAS measurements of the properties of jets for boosted particle searches. Physical Review D, 2012, 86, .	1.6	21
856	Measurement of $Z \rightarrow \tau^+ \tau^-$ Production in Leptonic Final States at $\sqrt{s} = 1.96$ TeV at CDF. Physical Review Letters, 2002, 89, 081801.	2.9	21
857	Search for diphoton events with large missing transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 081801.	1.5	21
858	Search for high-mass resonances decaying to $W^+ W^-$ in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.5	21
859	Measurement of $W$ polarization in $W \rightarrow l \nu$ decays with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2062.	1.4	21
860	A search for high-mass resonances decaying to $W^+ W^-$ in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.5	21
861	Measurement of the production cross-section of $\tilde{\chi}^0(2S) \rightarrow \tilde{\chi}^0(1S) + \gamma$ in pp collisions at $\sqrt{s} = 7$ TeV at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21
862	Determination of spin and parity of the Higgs boson in the $W W \rightarrow e \mu \nu \nu$ decay channel with the ATLAS detector. European Physical Journal C, 2015, 75, 231.	1.4	21
863	The performance of the jet trigger for the ATLAS detector during 2011 data taking. European Physical Journal C, 2016, 76, 526.	1.4	21
864	Search for the Standard Model Higgs boson decaying into $b \bar{b}$ produced in association with top quarks decaying hadronically in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	21

#	ARTICLE	IF	CITATIONS
865	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum with ATLAS using $\sqrt{s} = 13$ TeV. <i>Physical Review D</i> , 2018, 98, .	1.5	21
866	Search for new resonances decaying to a $W$ or $Z$ boson and a Higgs boson in the $km$ final state in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 765, 32-52.	1.5	21
867	Search for supersymmetry in events with four or more leptons in $\sqrt{s} = 13.6$ TeV $pp$ collisions with ATLAS. <i>Physical Review D</i> , 2018, 98, .	1.6	21
868	Search for Higgs boson decays into pairs of light (pseudo)scalar particles in the $\hat{\tau}^+\hat{\tau}^-jj$ final state in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 782, 750-767.	1.6	21
869	Measurement of jet fragmentation in 5.02 TeV proton-lead and proton-proton collisions with the ATLAS detector. <i>Nuclear Physics A</i> , 2018, 978, 65-106.	0.6	21
870	Search for chargino and neutralino production in final states with a Higgs boson and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2019, 100, .	1.6	21
871	Search for Higgs boson production in $pp$ collisions with the ATLAS detector at $\sqrt{s} = 13$ TeV. <i>Physical Review D</i> , 2018, 98, .	1.6	21
872	Search for resonances decaying into photon pairs in $139$ fb $^{-1}$ of $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 822, 136651.	1.5	21
873	Measurement of the $b$ -jet cross section in events with a $Z$ boson in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2006, 74, .	1.6	20
874	Search for $W$ boson decaying to electron-neutrino pairs in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2007, 75, .	1.6	20
875	First Observation of Vector Boson Pairs in a Hadronic Final State at the Tevatron Collider. <i>Physical Review Letters</i> , 2009, 103, 091803.	2.9	20
876	First measurement of the ratio of branching fractions $R_{B^0}$ in $B^0 \rightarrow \tau^+\tau^-$ decays. <i>Physical Review Letters</i> , 2017, 118, 261801.	1.6	20

#	ARTICLE	IF	CITATIONS
883	Search for new phenomena in events with three or more charged leptons in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	20
884	Search for the $X$ and other hidden-beauty states in the $b\bar{b}$ and other hidden-beauty states in the $b\bar{b}$ collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.5	20
885	Search for new phenomena in events with a photon and missing transverse momentum in pp collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	20
886	Search for heavy resonances decaying to a Z boson and a photon in pp collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 11-30.	1.6	20
887	Measurements of top quark spin observables in $t\bar{t}$ events using dilepton final states in $s = 8 \sqrt{s} = 8 \text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	20
888	Measurement of differential cross-sections of a single top quark produced in association with a W boson at $s = 13 \text{ TeV}$ with ATLAS. European Physical Journal C, 2018, 78, 186.	1.4	20
889	Search for pair production of Higgsinos in final states with at least three $b$ -tagged jets in $s = 13 \sqrt{s} = 13 \text{ TeV}$ pp collisions with the ATLAS detector. Physical Review D, 2018, 98, .	1.6	20
890	Search for photonic signatures of gauge-mediated supersymmetry in $13 \text{ TeV}$ pp collisions with the ATLAS detector. Physical Review D, 2018, 97, .	1.6	20
891	Search for $W\bar{a}t\bar{a}tb$ decays in the hadronic final state using pp collisions at $s = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 327-348.	1.5	20
892	Search for long-lived particles in final states with displaced dimuon vertices in $p\bar{p}$ collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physical Review Letters, 2019, 123, 081802.	1.6	20
893	Search for long-lived neutral particles produced in $p\bar{p}$ collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 781, 327-348.	1.5	20
894	Search for long-lived neutral particles produced in $p\bar{p}$ collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physical Review Letters, 2019, 123, 081802.	1.6	20
895	Search for Higgs Boson Decays into a Z Boson and a Light Hadronically Decaying Resonance Using $13 \text{ TeV}$ pp Collision Data from the ATLAS Detector. Physical Review Letters, 2020, 125, 221802.	2.9	20
896	Search for Excited and Exotic Muons in the $\frac{1}{4}\hat{4}^3$ Decay Channel in $pp\hat{A}$ Collisions at $s = 1.96 \text{ TeV}$ . Physical Review Letters, 2006, 97, 191802.	2.9	19
897	Search for a Neutral Higgs Boson Decaying to a W Boson Pair in $pp\hat{A}$ Collisions at $s = 1.96 \text{ TeV}$ . Physical Review Letters, 2006, 97, 081802.	2.9	19
898	Search for High-Mass Diphoton States and Limits on Randall-Sundrum Gravitons at CDF. Physical Review Letters, 2007, 99, 171801.	2.9	19
899	Search for the supersymmetric partner of the top quark in $pp\hat{A}$ collisions at $s = 1.96 \text{ TeV}$ . Physical Review D, 2010, 82, .	1.6	19
900	Search for Diphoton Events with Large Missing Transverse Energy in $7 \text{ TeV}$ Proton-Proton Collisions with the ATLAS Detector. Physical Review Letters, 2011, 106, 121803.	2.9	19



#	ARTICLE	IF	CITATIONS
901	Search for a Dark Matter Candidate Produced in Association with a Single Top Quark in $pp \rightarrow t + \text{DM} + X$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 201802.	2.9	19
902	Search for charged Higgs bosons through the violation of lepton universality in $t\bar{t}$ events using $pp$ collision data at $\sqrt{s} = 7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2013, 2013, 1.	1.6	19
903	Measurement of $k_T$ splitting scales in $Wt\bar{t}$ events at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	1.4	19
904	Search for $Wt\bar{t}$ events at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 87.	1.6	19
905	Search for $Wt\bar{t}$ events at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2014, 89, .	1.6	19
906	Search for photonic signatures of gauge-mediated supersymmetry in $pp$ collisions with the ATLAS detector. Physical Review D, 2015, 92, .	1.6	19
907	Search for flavour-changing neutral current top quark decays $t \rightarrow Hq$ in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-65.	1.6	19
908	Search for resonances in the mass distribution of jet pairs with one or two jets identified as $b$ -jets in proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 229-246.	1.5	19
909	Search for the production of single vector-like and excited quarks in the $Wt$ final state in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	19
910	Probing lepton flavour violation via neutrinoless $\tau \rightarrow 3\mu$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 232.	1.4	19
911	Measurement of detector-corrected observables sensitive to the anomalous production of events with jets and large missing transverse momentum in $pp$ collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. European Physical Journal C, 2017, 77, 765.	1.4	19
912	Measurement of the production cross-section of a single top quark in association with a Z boson in proton collisions at 13 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 557-577.	1.5	19
913	Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fb <sup>-1</sup> of data collected with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	19
914	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb <sup>-1</sup> of Pb+Pb data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	19
915	Hadron collider triggers with high-quality tracking at very high event rates. IEEE Transactions on Nuclear Science, 2004, 51, 391-400.	1.2	18
916	Limits on anomalous triple gauge couplings in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 76, .	1.6	18
917	Measurement of the $b$ -hadron production cross section using decays to $W$ final states in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 79, .	1.6	18
918	Performance of the ATLAS detector using first collision data. Journal of High Energy Physics, 2010, 2010, 1.	1.6	18

#	ARTICLE	IF	CITATIONS
919	Search for an excess of events with an identical flavour lepton pair and significant missing transverse momentum in $\sqrt{s}=7\text{ TeV}$ proton-proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	18
920	Diffraction dijet production in $\sqrt{s}=7\text{ TeV}$ proton-proton collisions with the ATLAS detector. Physical Review Letters, 2012, 108, 201801.	1.6	18
921	Measurement of $B_s^0 \rightarrow D_s^*(*) + D_s^*(*)$ Branching Ratios. Physical Review Letters, 2012, 108, 201801.	2.9	18
922	Measurement of $Wt^3$ and $Zt^3$ production cross sections in pp collisions at $\sqrt{s}=7\text{ TeV}$ and limits on anomalous triple gauge couplings with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 49-69.	1.6	18
923	Search for resonant diboson production in the $WW/WZ$ decay channels with the ATLAS detector at $\sqrt{s}=7\text{ TeV}$ . Physical Review D, 2013, 87, 012001.	1.6	18
924	Exclusion of exotic top-like quarks with electric charge using jet-charge tagging in single-lepton events at CDF.	1.6	18
925	First Search for Exotic ZBoson Decays into Photons and Neutral Pions in Hadron Collisions. Physical Review Letters, 2014, 112, 111803.	2.9	18
926	Precise measurement of the W-boson mass with the Collider Detector at Fermilab. Physical Review D, 2014, 89, 012003.	1.6	18
927	Measurement of the transverse polarization of events using the ATLAS detector.	1.5	18
928	Search for pair production of hyperons produced in proton-proton collisions.	1.6	18
929	Search for top quark decays $t \rightarrow qH$ , with $H \rightarrow \tau\tau$ , in $\sqrt{s}=13\text{ TeV}$ pp collisions using the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	18
930	Search for resonant WZ production in the fully leptonic final state in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 787, 68-88.	1.6	18
931	Search for new phenomena in final states with b-jets and missing transverse momentum in $\sqrt{s}=13\text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	18
932	Measurements of inclusive and differential fiducial cross-sections of $t\bar{t}$ production with additional heavy-flavour jets in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	18
933	Search for dark matter in association with an energetic photon in pp collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	18
934	Search for pair production of scalar leptoquarks decaying into first- or second-generation leptons and top quarks in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	18
935	Search for new phenomena in final states with b-jets and missing transverse momentum in $\sqrt{s}=13\text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	18
936	The fast tracker processor for hadron collider triggers. IEEE Transactions on Nuclear Science, 2001, 48, 575-580.	1.2	17

#	ARTICLE	IF	CITATIONS
937	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
938	Search for the Higgs Boson in Events with Missing Transverse Energy and Quark Jets Produced in $pp$ Collisions at the ATLAS detector at the LHC. Physical Review D, 2011, 83.	2.9	17
939	Cross-Section-Constrained Top-Quark Mass Measurement from Dilepton Events at the Tevatron. Physical Review Letters, 2008, 100, 062005.	2.9	17
940	Measurement of $W$ -boson helicity fractions in top-quark decays using $\cos\theta^*$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 674, 160-167.	1.5	17
941	Search for pair production of first or second generation leptons in proton-proton collisions at the ATLAS detector at the LHC. Physical Review D, 2011, 83.	1.6	17
942	Search for resonant production of $WZ$ pairs in $pp$ collisions at the ATLAS detector at the LHC. Physical Review D, 2011, 83.	1.6	17
943	Studies of the performance of the ATLAS detector using cosmic-ray muons. European Physical Journal C, 2011, 71, 1.	1.4	17
944	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. Physical Review D, 2012, 86, .	1.6	17
945	Search for anomalous production of prompt like-sign lepton pairs at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	17
946	Measurement of the top quark mass in the all-hadronic mode at CDF. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 24-31.	1.5	17
947	Search for scalar top quark pair production in vector gauge-mediated supersymmetry models with the ATLAS detector in $pp$ collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 24-31.	1.5	17
948	Search for strong gravity signatures in same-sign dimuon final states using the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 322-340.	1.5	17
949	Measurement of the top quark charge in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	17
950	Combination of searches for the Higgs boson using the full CDF data set. Physical Review D, 2013, 88, .	1.6	17
951	Measurement of the $B_c$ meson lifetime in the decay $B_c \rightarrow \mu^+ \mu^-$ at the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 155-160.	1.6	17
952	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $\sqrt{s}=7$ TeV. European Physical Journal C, 2015, 75, 158.	1.4	17
953	Identification of high transverse momentum top quarks in $pp$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
954	Measurement of jet $p_T$ correlations in Pb + Pb and $pp$ collisions at $\sqrt{s}=2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 379-402.	1.5	17

#	ARTICLE	IF	CITATIONS
955	Probing the $Wtb$ vertex structure in $t$ -channel single-top-quark production and decay in $pp$ collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	17
956	Search for supersymmetry in events with $b$ -tagged jets and missing transverse momentum in $pp$ collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	17
957	Direct top-quark decay width measurement in the $t \rightarrow \tau \bar{\nu}_\tau$ lepton+jets channel at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS experiment. <i>European Physical Journal C</i> , 2018, 78, 129.	1.4	17
958	Search for flavor-changing neutral currents in top quark decays $t \rightarrow \tau^+ H_c$ and $t \rightarrow \tau^+ H_u$ in multilepton final states in proton-proton collisions at $s = 13 \text{ TeV}$ with the ATLAS detector. <i>Physical Review D</i> , 2018, 98, .	1.6	17
959	Search for $R$ -parity-violating supersymmetric particles in multi-jet final states produced in $pp$ collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics</i> , 2018, 785, 136-158.	1.6	17
960	Measurement of inclusive jet and dijet cross-sections in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	17
961	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
962	Search for the $HH \rightarrow b\bar{b}$ process via vector-boson fusion production using proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	17
963	Measurement of Azimuthal Anisotropy of Muons from Charm and Bottom Hadrons in $pp$ collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector using the ATLAS detector. <i>Physical Review Letters</i> , 2020, 124, 082301.	1.6	17
964	Search for type-III seesaw heavy leptons in dilepton final states in $pp$ collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>Physical Review Letters</i> , 2020, 124, 082301.	2.9	17
965	Search for Higgs boson decays into a pair of pseudoscalar particles in the $pp \rightarrow H \rightarrow \tau^+ \tau^-$ final state with the ATLAS detector in $pp$ collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	17
966	Search for Higgs boson decays into a pair of pseudoscalar particles in the $pp \rightarrow H \rightarrow \tau^+ \tau^-$ final state with the ATLAS detector in $pp$ collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>Physical Review Letters</i> , 2020, 124, 082301.	2.9	17
967	Search for Higgs boson decays into a pair of pseudoscalar particles in the $pp \rightarrow H \rightarrow \tau^+ \tau^-$ final state with the ATLAS detector in $pp$ collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>Physical Review Letters</i> , 2020, 124, 082301.	1.5	17
968	Search for third generation vector leptoquarks in $pp \rightarrow \tau^+ \tau^-$ collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>Physical Review D</i> , 2008, 77, .	1.6	17
969	Search for third generation vector leptoquarks in $pp \rightarrow \tau^+ \tau^-$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . <i>Physical Review D</i> , 2008, 77, .	1.6	16
970	First Observation of the Decay $B_s^0 \rightarrow \tau^+ D_s^-$ and Measurement of Its Branching Ratio. <i>Physical Review Letters</i> , 2008, 100, 021803.	2.9	16
971	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. <i>Physical Review D</i> , 2011, 83, .	1.5	16
972	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. <i>Physical Review D</i> , 2011, 83, .	1.6	16



#	ARTICLE	IF	CITATIONS
973	Search for a Very Light Odd Higgs Boson in Top Quark Decays from $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .	2.9	16
974	Measurements of branching fraction ratios and CP-asymmetries in suppressed $B \rightarrow \tau^+ D^0$ decays. Physical Review D, 2011, 84, .	1.6	16
975	Search for resonant top quark plus jet production in $pp$ collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2012, 86, .	1.6	16
976	Search for scalar top quark production in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	16
977	Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	16
978	Search for a heavy Standard Model Higgs boson in the channel $pp \rightarrow \gamma\gamma$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 259-268.	1.5	16
979	Search for nonpointing photons in the diphoton and $pp \rightarrow \gamma\gamma$ final state in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 259-268.	1.5	16
980	Search for $pp \rightarrow \gamma\gamma$ final state in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 259-268.	1.6	16
981	Simultaneous measurements of the $pp \rightarrow \gamma\gamma$ final state in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 259-268.	1.6	16
982	Search for dark matter produced in association with a Higgs boson decaying to two bottom quarks in $pp$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physical Review D, 2015, .	1.6	16
983	Dark matter interpretations of ATLAS searches for the electroweak production of supersymmetric particles in $pp$ collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	16
984	Measurements of four-lepton production in $pp$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 249-268.	1.5	16
985	Search for single production of a vector-like quark via a heavy gluon in the $4b$ final state with the ATLAS detector in $pp$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 249-268.	1.5	16
986	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in $pp$ collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	16
987	Top-quark mass measurement in the all-hadronic $t\bar{t}$ decay channel at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	16
988	Measurement of colour flow using jet-pull observables in $t\bar{t}$ events with the ATLAS experiment at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 847.	1.4	16
989	Probing the Quantum Interference between Singly and Doubly Resonant Top-Quark Production in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review Letters, 2018, 121, 152002.	2.9	16
990	Search for dark matter produced in association with a Higgs boson decaying to two bottom quarks in $pp$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physical Review D, 2015, .	1.6	16

#	ARTICLE	IF	CITATIONS
991	Measurement of differential cross sections and $W^+/W^0$ cross-section ratios for W boson production in association with jets at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
992	Study of the hard double-parton scattering contribution to inclusive four-lepton production in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 595-614.	1.6	16
993	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow D_s \tau^+ \nu_\tau)/B(B \rightarrow D \tau^+ \nu_\tau)$ and $B(B \rightarrow D^* \tau^+ \nu_\tau)/B(B \rightarrow D^* \tau^+ \nu_\tau)$ . Physical Review Letters, 2006, 96, 191801.	2.9	15
994	Search for Anomalous Production of Multilepton Events in $pp \rightarrow \gamma \gamma$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 131804.	2.9	15
995	Search for heavy, long-lived neutralinos that decay to photons at CDF II using photon timing. Physical Review D, 2008, 78, .	1.6	15
996	Search for Pair Production of Scalar Top Quarks Decaying to a Lepton and a Quark in $pp \rightarrow \tau^+ \tau^- t \bar{t}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 042001.	2.9	15
997	Search for Pair Production of Scalar Top Quarks Decaying to a Lepton and a Quark in $pp \rightarrow \tau^+ \tau^- t \bar{t}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 042001.	2.9	15
998	Top quark mass measurement in the lepton plus jets channel using a modified matrix element method. Physical Review D, 2009, 79, .	1.6	15
999	Exclusion of an Exotic Top Quark with $2/3$ Electric Charge Using Soft Lepton Tagging. Physical Review Letters, 2010, 105, 101801.	2.9	15
1000	Search for single top quark production in $pp \rightarrow \gamma \gamma$ collisions at $\sqrt{s}=1.96$ TeV in the missing transverse energy plus jets topology. Physical Review D, 2010, 81, .	1.6	15
1001	Search for diphoton events with large missing transverse energy with 36 pb $^{-1}$ of 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	15
1002	Search for a Heavy Particle Decaying into an Electron and a Muon with the ATLAS Detector in $pp \rightarrow e \mu$ collisions at the LHC. Physical Review Letters, 2011, 106, 251801.	2.9	15
1003	Search for heavy metastable particles decaying to jet pairs in $pp \rightarrow \gamma \gamma$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	1.6	15
1004	Search for the Standard Model Higgs Boson Produced in Association with Top Quarks Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 181802.	2.9	15
1005	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $\sqrt{s}=7$ TeV with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	1.6	15
1006	Search for decays of stopped, long-lived particles from 7 TeV pp collisions with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	15
1007	Indirect measurement of $\sin^2 \theta_W$ using $e^+e^-$ pairs in the Z-boson region with $pp \rightarrow \gamma \gamma$ collisions at a center-of-momentum energy of 1.96 TeV. Physical Review D, 2013, 88, .	1.6	15
1008	Measurement of $W$ -boson polarization in top-quark decay using the full CDF Run II data set. Physical Review D, 2013, 87, .	1.6	15

#	ARTICLE	IF	CITATIONS
1009	Search for direct chargino production in anomaly-mediated supersymmetry breaking models based on a disappearing-track signature in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	15
1010	Measurement of the flavour composition of dijet events in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	15
1011	Search for WH production with a light Higgs boson decaying to prompt electron-jets in proton-proton collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector. <i>New Journal of Physics</i> , 2013, 15, 043009.	1.2	15
1012	Measurement of $R=B(\tau^+W_b)/B(\tau^+W_q)$ in top-quark-pair decays using lepton+jet events and the full CDF Run II dataset. <i>Physical Review D</i> , 2013, 87, .	1.6	15
1013	Measurement of $B(\tau^+W_b)/B(\tau^+W_q)$ in Top-Quark-Pair Decays Using Dilepton Events and the Full CDF Run II Data Set. <i>Physical Review Letters</i> , 2014, 112, 221801.	2.9	15
1014	Evidence for Channel Single-Top-Quark Production in Events with One Charged Lepton and Two Jets at CDF. <i>Physical Review Letters</i> , 2014, 112, 231804.	2.9	15
1015	Search for a multi-Higgs-boson cascade in $W\gamma\gamma$ events with the ATLAS detector in $\sqrt{s}=7\text{TeV}$ proton-proton collisions. <i>Physical Review D</i> , 2014, 89, .	1.6	15
1016	Measurement of event-shape observables in $Z \rightarrow \ell^+\ell^-$ events in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2016, 76, 375.	1.4	15
1017	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to $WW$ with the ATLAS detector at $s=8\text{TeV}$ . <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	15
1018	Measurements of integrated and differential cross sections for isolated photon pair production in collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector. <i>Physical Review D</i> , 2017, 95, .	1.6	15
1019	Measurement of the cross section for electroweak production of dijets in association with a Z boson in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 377, 286-288.	1.6	15
1020	Search for dark matter in association with a Higgs boson decaying to two photons at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector. <i>Physical Review D</i> , 2017, 96, .	1.6	15
1021	Search for dark matter production in association with a high-mass dijet system in semileptonic final states in $\sqrt{s}=7\text{TeV}$ collisions at the ATLAS detector. <i>Physical Review D</i> , 2019, 100, .	1.6	15
1022	Optimisation of large-radius jet reconstruction for the ATLAS detector in $13\text{TeV}$ proton-proton collisions. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	15
1023	Test of the universality of $\tilde{g}$ , and $\tilde{g}/4$ lepton couplings in W-boson decays with the ATLAS detector. <i>Nature Physics</i> , 2021, 17, 813-818.	6.5	15
1024	Determination of jet calibration and energy resolution in proton-proton collisions at $\sqrt{s}=8\text{TeV}$ using the ATLAS detector. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	15
1025	Measurement of $\hat{\sigma}_{\text{pp}}^{\tau^+\tau^-}$ production cross section in pp collisions at $s=1.96\text{TeV}$ in the all hadronic decay mode. <i>Physical Review D</i> , 2006, 74, .	1.6	14
1026	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow D_s^* \tau^+ \nu_\tau)/B(B_s \rightarrow D_s^* \ell^+ \nu_\ell)$ and $B(B_s \rightarrow D_s^* \tau^+ \nu_\tau)/B(B_s \rightarrow D_s^* \ell^+ \nu_\ell)$ . <i>Physical Review Letters</i> , 2007, 98, 061802.	1.4	15

#	ARTICLE	IF	CITATIONS
1027	Measurement of the $W$ Boson Width in $p\bar{p}$ Collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2012, 85, .	2.9	14
1028	Search for a heavy neutral particle decaying into an electron and a muon using $1 \text{ fb}^{-1}$ of ATLAS data. European Physical Journal C, 2011, 71, 1.	2.9	14
1029	Search for anomalous production of events with two photons and additional energetic objects at CDF. Physical Review D, 2010, 82, .	1.6	14
1030	Search for a heavy neutral particle decaying into an electron and a muon using $1 \text{ fb}^{-1}$ of ATLAS data. European Physical Journal C, 2011, 71, 1.	1.4	14
1031	Search for a Higgs boson in the diphoton final state using the full CDF data set from $\sqrt{s}=1.96$ TeV collisions at the ATLAS detector. Physical Review Letters, 2012, 108, 211805.	1.6	14
1032	Associative memory design for the fast track processor (FTK) at ATLAS. , 2011, , .		14
1033	Search for a Heavy Particle Decaying to a Top Quark and a Light Quark in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 211805.	2.9	14
1034	Search for excited leptons in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2012, 85, .	1.6	14
1035	Search for a Higgs boson in the diphoton final state using the full CDF data set from $\sqrt{s}=1.96$ TeV collisions at the ATLAS detector. Physical Review Letters, 2012, 108, 211805.	1.5	14
1036	Search for a Higgs boson in the diphoton final state using the full CDF data set from $\sqrt{s}=1.96$ TeV collisions at the ATLAS detector. Physical Review Letters, 2012, 108, 211805.	1.5	14
1037	Search for microscopic black holes in a like-sign dimuon final state using large track multiplicity with the ATLAS detector. Physical Review D, 2013, 88, .	1.5	14
1038	Search for microscopic black holes in a like-sign dimuon final state using large track multiplicity with the ATLAS detector. Physical Review D, 2013, 88, .	1.6	14
1039	Search for new phenomena in events with three charged leptons at $\sqrt{s}=13$ TeV proton-proton collisions with the ATLAS detector. Physical Review D, 2013, 87, .	1.6	14
1040	Measurement of indirect CP-violating asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^+ \bar{K}^-$ decays at CDF. Physical Review D, 2014, 90, .	1.6	14
1041	Measurement of the production cross-section of a single top quark in association with a $W$ boson at $\sqrt{s}=8$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
1042	A search for top squarks with R-parity-violating decays to all-hadronic final states with the ATLAS detector in $\sqrt{s}=8$ TeV proton-proton collisions. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
1043	Measurement of the production cross-section of a single top quark in association with a $W$ boson at $\sqrt{s}=8$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
1044	Measurement of charged-particle distributions sensitive to the underlying event in $\sqrt{s}=13$ TeV proton-proton collisions with the ATLAS detector at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14



#	ARTICLE	IF	CITATIONS
1045	Studies of $Z\bar{1}^3$ production in association with a high-mass dijet system in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
1046	Measurement of the cross section for isolated-photon plus jet production in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 578-602.	1.6	14
1047	Measurement of the cross section for isolated-photon plus jet production in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 578-602.	1.6	14
1048	Measurement of VH, $\mathbb{H}o$ $\overline{\text{mathrm{b}}}$ production as a function of the vector-boson transverse momentum in 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
1049	Search for displaced vertices of oppositely charged leptons from decays of long-lived particles in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135114.	1.1	14
1050	Search for new phenomena with top quark pairs in final states with one lepton, jets, and missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.5	14
1051	Search for new phenomena with top quark pairs in final states with one lepton, jets, and missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	14
1052	Measurements of Higgs bosons decaying to bottom quarks from vector boson fusion production with the ATLAS experiment at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	14
1053	Search for New Phenomena in Final States with Two Leptons and One or No b-Tagged Jets at $\sqrt{s}=13$ TeV Using the ATLAS Detector. Physical Review Letters, 2021, 127, 141801.	2.9	14
1054	Measurements of top-quark pair single- and double-differential cross-sections in the all-hadronic channel in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	14
1055	Search for $\overline{\text{t}}$ resonances in fully hadronic final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
1056	Search for resonances decaying into a weak vector boson and a Higgs boson in the fully hadronic final state produced in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
1057	Measurement of the c-jet mistagging efficiency in $\text{Star}\{t\}$ events using pp collision data at $\sqrt{s}=13$ TeV collected with the ATLAS detector. European Physical Journal C, 2022, 82, .	1.4	14
1058	Search for new phenomena in pp collisions in final states with tau leptons, jets, and missing transverse momentum with the ATLAS detector. Physical Review D, 2021, 104, .	1.6	14
1059	Measurement of the ratio of branching fractions $B(D0\uparrow^{\text{K}}\text{K}^{\text{+}})/B(D0\uparrow^{\text{K}}\text{K}^{\text{+}})$ using the CDF II detector. Physical Review D, 2006, 74, .	1.6	13
1060	Measurement of the top quark mass in pp collisions at $\sqrt{s}=1.96$ TeV using the decay length technique. Physical Review D, 2007, 75, .	1.6	13
1061	Search for Standard Model Higgs Bosons Produced in Association with W or Z Bosons. Physical Review Letters, 2008, 100, 041801.	2.9	13
1062	Search for Gluino-Mediated Bottom Squark Production in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 221801.	2.9	13

#	ARTICLE	IF	CITATIONS
1063	Measurement of the $\sigma(\text{pp} \rightarrow \text{t}\bar{\text{t}})$ production cross section in $\sqrt{s} = 7$ TeV $\text{pp}$ collisions with the ATLAS detector. Physical Review D, 2009, 79, .	1.6	13
1064	Measurement of event shapes in $\sqrt{s} = 1.96$ TeV $\text{pp}$ collisions. Physical Review D, 2011, 83, .	1.6	13
1065	Measurement of the $B_s^0$ Lifetime in Fully and Partially Reconstructed $B_s^0 \rightarrow D_s^{\pm} (\bar{D}_s^{\pm}) X$ Decays in $\sqrt{s} = 1.96$ TeV $\text{pp}$ Collisions. Physical Review Letters, 2011, 107, 272001.	2.9	13
1066	Search for a Low-Mass Standard Model Higgs Boson in the $\tau\tau$ Decay Channel in $\sqrt{s} = 1.96$ TeV $\text{pp}$ Collisions. Physical Review Letters, 2012, 108, 181804.	2.9	13
1067	Measurement of CP-violation asymmetries in $D^0 \rightarrow K_S^0 \pi^+ \pi^-$ . Physical Review D, 2012, 86, .	1.6	13
1068	Search for R-parity-violating supersymmetry in events with four or more leptons in $\sqrt{s} = 7$ TeV $\text{pp}$ collisions with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	13
1069	Search for high-mass resonances decaying into ZZ in $\sqrt{s} = 1.96$ TeV $\text{pp}$ collisions. Physical Review D, 2012, 85, .	1.6	13
1070	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in $\text{pp}$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	13
1071	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	13
1072	Search for lepton flavour violation in the $e\tau$ continuum with the ATLAS detector in $\sqrt{s} = 7$ TeV $\text{pp}$ collisions at the LHC. European Physical Journal C, 2012, 72, 2040.	1.4	13
1073	Updated search for the standard model Higgs boson in events with jets and missing transverse energy using the full CDF data set. Physical Review D, 2013, 87, .	1.6	13
1074	Top-quark mass measurement in events with jets and missing transverse energy using the full CDF data set. Physical Review D, 2013, 88, .	1.6	13
1075	Search for new resonances in events with one lepton and missing transverse momentum in $\text{pp}$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 357, 1-10.	1.6	13
1076	Search for Higgs and $Z$ Boson Decays to $\tau\tau$ in $\sqrt{s} = 13$ TeV $\text{pp}$ collisions with the ATLAS Detector. Physical Review Letters, 2016, 117, 111802.	2.9	13
1077	Measurement of the CP-violating phase $\arg(\Gamma_{cb})$ and the $B_s^0$ meson decay width difference with $B_s^0 \rightarrow \tau^+ \tau^-$ decays in ATLAS. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
1078	Search for new phenomena with photon+jet events in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
1079	Search for anomalous couplings in the $W$ $t\bar{b}$ vertex from the measurement of double differential angular decay rates of single top quarks produced in the $t$ -channel with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1-46.	1.6	13
1080	Measurements of top-quark pair to Z-boson cross-section ratios at $\sqrt{s} = 13, 8, 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13

#	ARTICLE	IF	CITATIONS
1081	Search for new phenomena in high-mass final states with a photon and a jet from $pp$ collisions at $\sqrt{s}$ s. European Physical Journal C, 2018, 78, 102.	1.4	13
1082	Measurement of the production cross section of three isolated photons in $pp$ collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135145.	1.6	13
1083	Measurement of the production cross section for a Higgs boson in association with a vector boson in the $WZ$ , $W\gamma$ , $Z\gamma$ channel in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135145.	1.6	13
1084	Search for squarks and gluinos in final states with hadronically decaying $W$ bosons, $Z$ bosons, leptons, jets, and missing transverse momentum using $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135145.	1.5	13
1085	Search for squarks and gluinos in final states with hadronically decaying $W$ bosons, $Z$ bosons, leptons, jets, and missing transverse momentum using $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135145.	1.6	13
1086	Search for squarks and gluinos in final states with hadronically decaying $W$ bosons, $Z$ bosons, leptons, jets, and missing transverse momentum using $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135145.	1.6	13
1087	Search for squarks and gluinos in final states with hadronically decaying $W$ bosons, $Z$ bosons, leptons, jets, and missing transverse momentum using $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135145.	1.5	13
1088	Measurement of the CP-violating phase $\phi_{1,2}$ in $B_{s,d}$ $\rightarrow J/\psi \phi$ decays in ATLAS at 13 TeV. European Physical Journal C, 2021, 81, .	1.4	13
1089	Search for squarks and gluinos in final states with one isolated lepton, jets, and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	13
1090	Search for long-lived charginos based on a disappearing-track signature using 136 fb $^{-1}$ of $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, .	1.4	13
1091	Measurement of the mass difference $m(D^+) - m(D^0)$ at CDF II. Physical Review D, 2003, 68, .	1.6	12
1092	Observation of $B_s \rightarrow \tau^+ \tau^-$ and Measurement of the Ratio of Branching Fractions $B(B_s \rightarrow \tau^+ \tau^-) / B(B_s \rightarrow \mu^+ \mu^-)$ . Physical Review Letters, 2006, 96, 231801.	2.9	12
1093	Search for chargino-neutralino production in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135145.	1.6	12
1094	Measurement of the $\tau^+ \tau^-$ cross section in $pp$ collisions at $\sqrt{s} = 13.6$ TeV using dilepton events with a lepton plus track selection. Physical Review D, 2009, 79, .	1.6	12
1095	Measurement of the $\tau^+ \tau^-$ cross section in $pp$ collisions at $\sqrt{s} = 13.6$ TeV using dilepton events with a lepton plus track selection. Physical Review D, 2009, 79, .	1.6	12
1096	Search for the Standard Model Higgs Boson Decaying to a $b\bar{b}$ Pair in Events with No Charged Leptons and Large Missing Transverse Energy using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111805.	2.9	12
1097	Underlying event characteristics and their dependence on jet size of charged-particle jet events in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2012, 86, .	1.6	12
1098	Measurement of the Top-Quark Mass and the $b\bar{b}$ Cross Section in the Hadronic $Z \rightarrow \tau^+ \tau^-$ Decay Channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135145.	2.9	12





#	ARTICLE	IF	CITATIONS
1117	Search for the Production of a Long-Lived Neutral Particle Decaying within the ATLAS Hadronic Calorimeter in Association with a Z Boson from pp Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2019, 29		12
1118	Measurement of the $\sigma(\text{pp} \rightarrow \text{Z} \tau^+ \tau^-)$ production cross-section in the lepton+jets channel at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.5	12
1119	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
1120	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
1121	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
1122	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
1123	Search for dark matter in events with missing transverse momentum and a Higgs boson decaying into two photons in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	12
1124	Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1.	1.4	12
1125	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s}=7, 8$ and $13$ TeV. European Physical Journal C, 2022, 82, 1.	1.4	12
1126	Search for Scalar Bottom Quarks from Gluino Decays in $\text{pp} \rightarrow \text{p} \bar{\text{p}}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 171802.	2.9	11
1127	Search for Chargino-Neutralino Production in $\text{pp} \rightarrow \text{p} \bar{\text{p}}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 191806.	2.9	11
1128	Search for new physics in lepton+photon+X events with $929 \text{ pb}^{-1}$ of pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	1.6	11
1129	Measurement of $\sigma(\text{pp} \rightarrow \text{Z} \text{jet})$ jet shapes in inclusive jet production in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 191806.	1.6	11
1130	Search for the Higgs Boson Using Neural Networks in Events with Missing Energy and b-Quark Jets in $\text{pp} \rightarrow \text{p} \bar{\text{p}}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 141801.	2.9	11
1131	A new variable-resolution Associative Memory for high energy physics. , 2011, , .		11
1132	Measurement of $W^{\pm 3}$ and $Z^{\pm 3}$ 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
1133	Search for single $\text{pp} \rightarrow \text{Z} \tau^+ \tau^-$ production with the ATLAS detector at $\sqrt{s}=1.96$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 1.	1.5	11
1134	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

#	ARTICLE	IF	CITATIONS
1135	A Multi-Core FPGA-Based 2D-Clustering Implementation for Real-Time Image Processing. IEEE Transactions on Nuclear Science, 2014, 61, 3599-3606.	1.2	11
1136	Measurement of the cross section of high transverse momentum $Z$ production in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-76.	1.5	11
1137	Measurement of four-jet differential cross sections in $s = 8$ TeV proton-proton collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-76.	1.6	11
1138	Measurement of the correlation between the polar angles of leptons from top quark decays in the helicity basis at $\sqrt{s}=8$ TeV with the ATLAS detector. Physical Review D, 2016, 93, .	1.6	11
1139	Beam-induced and cosmic-ray backgrounds observed in the ATLAS detector during the LHC 2012 proton-proton running period. Journal of Instrumentation, 2016, 11, P05013-P05013.	0.5	11
1140	Search for squarks and gluinos in events with hadronically decaying tau leptons, jets and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV recorded with the ATLAS detector. European Physical Journal C, 2016, 76, 683.	1.4	11
1141	Measurement of jet activity produced in top-quark events with an electron, a muon and two b-tagged jets in the final state in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 220.	1.4	11
1142	Search for new phenomena with large jet multiplicities and missing transverse momentum using large-radius jets and flavour-tagging at ATLAS in 13 TeV pp collisions. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
1143	Search for heavy long-lived multicharged particles in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review D, 2019, 99, .	1.6	11
1144	Measurement of angular and momentum distributions of charged particles within and around jets in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review D, 2019, 99, .	1.1	11
1145	Measurements of the production cross section for a $Z$ boson in association with b-jets in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1-10.	1.6	11
1146	$Z$ boson production in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. Physical Review C, 2019, 100, 034907.	1.5	11
1147	Two-particle azimuthal correlations in photonuclear ultraperipheral collisions at 5.02 TeV with ATLAS. Physical Review C, 2021, 104, .	1.5	11
1148	Exclusive dimuon production in ultraperipheral collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. Physical Review C, 2021, 104, .	1.1	11
1149	Search for Anomalous Kinematics in $\tau\tau$ Events at CDF II. Physical Review Letters, 2005, 95, 022001.	2.9	10
1150	Search for standard model Higgs boson production in association with a $W$ boson at CDF. Physical Review D, 2008, 78, .	1.6	10
1151	Search for the Associated Production of the Standard-Model Higgs Boson in the All-Hadronic Channel. Physical Review Letters, 2009, 103, 221801.	2.9	10
1152	Search for the Higgs boson produced in association with $Z$ boson at CDF II. Physical Review D, 2009, 80, .	1.6	10

#	ARTICLE	IF	CITATIONS
1153	Measurement of the top quark mass at CDF using the $\hat{\sigma}_{\text{neutrino}}$ channel using a matrix element technique in $pp \rightarrow t \bar{t} + \text{hadronic}$ collisions. Physical Review D, 2009, 79, .	1.6	10
1154	Measurement of the top quark mass at CDF using the $\hat{\sigma}_{\text{neutrino}}$ channel using a matrix element technique in $pp \rightarrow t \bar{t} + \text{hadronic}$ collisions. Physical Review D, 2009, 79, .	1.6	10
1155	Measurement of the $WW+WZ$ production cross section using a matrix element technique in lepton+jet events. Physical Review D, 2010, 82, .	1.6	10
1156	Search for New Physics with a Dijet Plus Missing ET Signature in $pp \rightarrow t \bar{t} + \text{hadronic}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 131801.	2.9	10
1157	Measurement of the top pair production cross section in the $pp \rightarrow t \bar{t} + \text{hadronic}$ channel using a jet flavor discriminant. Physical Review Letters, 2010, 105, 131801.	1.5	10
1158	Measurement of the top pair production cross section in the $pp \rightarrow t \bar{t} + \text{hadronic}$ channel using a jet flavor discriminant. Physical Review Letters, 2010, 105, 131801.	1.6	10
1159	Search for contact interactions in dilepton events from $pp$ collisions at $\sqrt{s}=1.96$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 40-58.	1.5	10
1160	Search for contact interactions in dilepton events from $pp$ collisions at $\sqrt{s}=1.96$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 40-58.	1.5	10
1161	Measurement of the mass difference between top and antitop quarks. Physical Review D, 2013, 87, .	1.6	10
1162	Measurement of the Single Top Quark Production Cross Section and $ V_{tb} $ in Events with One Charged Lepton, Large Missing Transverse Energy, and Jets at CDF. Physical Review Letters, 2014, 113, 261804.	2.9	10
1163	Study of top quark production and decays involving a tau lepton at CDF and limits on a charged Higgs boson contribution. Physical Review D, 2014, 89, .	1.6	10
1164	A measurement of material in the ATLAS tracker using secondary hadronic interactions in $7 \text{ TeV } pp \rightarrow i \bar{i}$ collisions. Journal of Instrumentation, 2016, 11, P11020-P11020.	0.5	10
1165	Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in $\sqrt{s}=8$ TeV $pp$ collisions with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	10
1166	Search for direct top squark pair production in final states with two tau leptons in $pp$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 81.	1.4	10
1167	Measurement of the dependence of transverse energy production at large pseudorapidity on the hard-scattering kinematics of proton-proton collisions at $\sqrt{s}=2.76$ TeV with ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 756, .	1.5	10
1168	Measurement of W boson angular distributions in events with high transverse momentum jets at $\sqrt{s}=8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 132-153.	1.5	10
1169	Measurement of the inclusive and fiducial $t \bar{t}$ production cross-sections in the $pp \rightarrow t \bar{t} + \text{hadronic}$ channel using a matrix element technique in $pp \rightarrow t \bar{t} + \text{hadronic}$ collisions at $\sqrt{s}=1.96$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 132-153.	1.4	10
1170	Measurement of prompt photon production in $pp \rightarrow \gamma + \text{hadronic}$ collisions at $\sqrt{s}=8.16$ TeV $p\bar{p}$ collisions with ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 132-153.	1.5	10

#	ARTICLE	IF	CITATIONS
1171	Evidence for the production of three massive vector bosons with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134913.	1.5	10
1172	Search for pairs of highly collimated photon-jets in pp collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Physical Review D, 2019, 99, .	1.6	10
1173	Search for flavour-changing neutral currents in processes with one top quark and a photon using $81\text{ fb}^{-1}$ of pp collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135082.	1.5	10
1174	Determination of the parton distribution functions of the proton from ATLAS measurements of differential $W^{\pm}$ and Z boson production in association with jets. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
1175	Performance of the ATLAS Transition Radiation Tracker in Run 1 of the LHC: tracker properties. Journal of Instrumentation, 2017, 12, P05002-P05002.	0.5	10
1176	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
1177	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with $139\text{ fb}^{-1}$ of pp collision data at $\sqrt{s}=13\text{ TeV}$ . Journal of High Energy Physics, 2022, 2022, 1.	1.6	10
1178	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
1179	Search for resonant pair production of Higgs bosons in the $b\bar{b}$ channel. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
1180	Search for single production of a vectorlike quark decaying into a Higgs boson and top quark with fully hadronic final states using the ATLAS detector. Physical Review D, 2022, 105, .	1.6	10
1181	Search for single production of a vectorlike quark decaying into a Higgs boson and top quark with fully hadronic final states using the ATLAS detector. Physical Review D, 2022, 105, .	1.5	9
1182	Search for Higgs Bosons Decaying to $b\bar{b}$ and Produced in Association with $W$ Bosons in $pp$ Collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review Letters, 2006, 96, 081803.	2.9	9
1183	First measurement of the fraction of top-quark pair production through gluon-gluon fusion. Physical Review D, 2008, 78, .	1.6	9
1184	Two-particle momentum correlations in jets produced in $pp$ collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review D, 2008, 77, .	1.6	9
1185	Improved Search for a Higgs Boson Produced in Association with $Z$ or $W$ Bosons in $pp$ Collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review Letters, 2010, 105, 251802.	2.9	9
1186	Search for standard model Higgs boson production in association with a $W$ boson using a matrix element technique at CDF $pp$ collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review D, 2012, 85, .	1.6	9
1187	The AMchip04 and the processing unit prototype for the FastTracker. Journal of Instrumentation, 2012, 7, C08007-C08007.	0.5	9
1188	Search for a Standard Model Higgs boson in the mass range $125\text{ GeV} < m_H < 150\text{ GeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	1.5	9



#	ARTICLE	IF	CITATIONS
1189	A new method to distinguish hadronically decaying boosted Z bosons from W bosons using the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 238.	1.4	9
1190	Measurement of the $W+W\bar{a}^*$ production cross section in pp collisions at a centre-of-mass energy of $\sqrt{s}=13$ TeV with the ATLAS experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 773, 354-374.	1.6	9
1191	Measurement of the $\overline{t}\gamma$ production cross section in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	9
1192	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. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	9
1193	Measurement of the ZZ production cross section in proton-proton collisions at $\sqrt{s}=8$ TeV using the ZZ $\hat{a}^*$ , $\hat{a}^*$ , $\hat{a}^*$ , $\hat{a}^*$ , $\hat{a}^*$ and Z Z $\hat{a}^*$ , $\hat{a}^*$ , $\hat{a}^*$ , $\hat{a}^*$ decay channels with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	9
1194	Search for top squarks decaying to tau sleptons in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 788, 347-370.	1.6	9
1195	Search for vector-boson resonances decaying to a top quark and bottom quark in the lepton plus jets final state in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 788, 347-370.	1.6	9
1196	Search for dark matter produced in association with a single top quark in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2021, 81, 1.	1.6	9
1197	Evidence for electroweak production of two jets in association with a $Z^0$ pair in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 829, 137077.	1.5	9
1198	Search for ZZ and ZW production in pp $\hat{A}^*$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2005, 71, .	1.5	9
1199	Combinations of single-top-quark production cross-section measurements and $ f_{LVtb} $ determinations at $\sqrt{s}=7$ and 8 TeV with the ATLAS and CMS experiments. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	9
1198	Measurement of the inclusive cross-section for the production of jets in association with a Z boson in proton-proton collisions at 8 TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	9
1199	Search for dark matter produced in association with a single top quark in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	9
1200	Evidence for electroweak production of two jets in association with a $Z^0$ pair in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 829, 137077.	1.5	9
1201	Measurement of the nuclear modification factor for muons from charm and bottom hadrons in Pb+Pb collisions at 5.02 TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 829, 137077.	1.5	9
1202	Search for ZZ and ZW production in pp $\hat{A}^*$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2005, 71, .	1.6	8
1203	The AM++ board for the silicon vertex tracker upgrade at CDF. <i>IEEE Transactions on Nuclear Science</i> , 2006, 53, 1726-1731.	1.2	8
1204	On-line tracking processors at hadron colliders: The SVT experience at CDF II and beyond. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 581, 473-475.	0.7	8
1205	Cross section measurements of high-pT dilepton final-state processes using a global fitting method. <i>Physical Review D</i> , 2008, 78, .	1.6	8
1206	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon b-tagged events. <i>Physical Review D</i> , 2009, 80, .	1.6	8

#	ARTICLE	IF	CITATIONS
1207	A fast general-purpose clustering algorithm based on FPGAs for high-throughput data processing. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 254-257.	0.7	8
1208	Measurement of $Z\bar{\nu}\nu$ production in $pp\bar{A}$ -collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.6	8
1209	Updated search for the flavor-changing neutral-current decay $D^0 \rightarrow \pi^+ \pi^- \nu \bar{\nu}$ in $pp\bar{A}$ -collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.6	8
1210	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
1211	Measurement of the $B^0$ lifetime using a simulation free approach for trigger bias correction. Physical Review D, 2011, 83, .	1.6	8
1212	Search for the standard model Higgs boson produced in association with a $W\bar{A}$ ± boson with $7.5$ fb $^{-1}$ integrated luminosity at CDF. Physical Review D, 2012, 86, .	1.6	8
1213	A measurement of the ratio of the $W$ and $Z$ cross sections with exactly one associated jet in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, .	1.5	8
1214	Associative Memory for L1 Track Triggering in LHC Environment. IEEE Transactions on Nuclear Science, 2013, 60, 3627-3632.	1.2	8
1215	The Associative Memory Serial Link Processor for the Fast Tracker (FTK) at ATLAS. Journal of Instrumentation, 2014, 9, C11006-C11006.	0.5	8
1216	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
1217	Measurement of the $Z\bar{\nu}\nu$ production cross section using the full CDF II data set. Physical Review D, 2014, 89, .	1.6	8
1218	Measurement of the mass difference between top and anti-top quarks in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2014, 89, .	1.5	8
1219	Measurement of the relative width difference of the $B^0$ system with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
1220	Search for direct top squark pair production in events with a Higgs or Z boson, and missing transverse momentum in $\sqrt{s}=13$ TeV $pp$ collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	8
1221	Measurement of b-hadron pair production with the ATLAS detector in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	8
1222	Analysis of the $Wtb$ vertex from the measurement of triple-differential angular decay rates of single top quarks produced in the t-channel at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	8
1223	A search for resonances decaying into a Higgs boson and a new particle X in the $XH\bar{A}^+q\bar{b}b$ final state with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 24-45.	1.5	8
1224	Measurement of dijet azimuthal decorrelations in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector and determination of the strong coupling. Physical Review D, 2018, 98, .	1.6	8

#	ARTICLE	IF	CITATIONS
1225	Measurement of $W^{\pm}$ -boson and Z-boson production cross-sections in pp collisions at $\sqrt{s}=2.76$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	8
1226	Measurements of $W+W^{\pm}+1$ jet production cross-sections in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8
1227	Search for charged-lepton-flavour violation in Z-boson decays with the ATLAS detector. Nature Physics, 2021, 17, 819-825.	6.5	8
1228	Measurements of differential cross-sections in four-lepton events in 13 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8
1229	Evidence for Higgs boson decays to a low-mass dilepton system and a photon in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136412.	1.5	8
1230	Reconstruction and identification of boosted $d\bar{l}$ systems in a search for Higgs boson pairs using 13 TeV proton-proton collision data in ATLAS. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
1231	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 $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, 1.	1.4	8
1232	Search for associated production of a Z boson with an invisibly decaying Higgs boson or dark matter candidates at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 849, 137066.	1.5	8
1233	Search for Lepton-Flavor Violation in Z-boson Decays with $\sqrt{s}=13$ TeV. Physical Review Letters, 2021, 127, 271801.	2.9	8
1234	Search for scalar leptoquark pairs decaying to $t\bar{l}+q\bar{q}$ in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	7
1235	Search for New Physics in Lepton+Photon+X Events with $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 97, 031801.	2.9	7
1236	Search for exotic $S=2$ baryons in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	1.6	7
1237	Measurement of the top-quark mass using missing ET+jet events with secondary vertex b-tagging at CDF II. Physical Review D, 2007, 75, .	1.6	7
1238	Search for Technicolor Particles Produced in Association with a $W$ -Boson at CDF. Physical Review Letters, 2010, 104, 111802.	2.9	7
1239	Search for new heavy particles decaying to $Z\gamma$ in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 83, .	1.6	7
1240	Measurement of the Cross Section for Prompt Isolated Diphoton Production in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	2.9	7
1241	Top-Quark Mass Measurement Using Events with Missing Transverse Energy and Jets at CDF. Physical Review Letters, 2011, 107, 232002.	2.9	7
1242	Search for a Higgs Boson in the Diphoton Final State in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 011801.	2.9	7

#	ARTICLE	IF	CITATIONS
1243	Novel inclusive search for the Higgs boson in the four-lepton final state at CDF. Physical Review D, 2012, 86, 114011. <a href="https://doi.org/10.1103/PhysRevD.86.114011">https://doi.org/10.1103/PhysRevD.86.114011</a>	1.6	7
1244	Invariant-mass distribution of jet pairs produced in association with a $W$ boson in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2017, 95, 012004. <a href="https://doi.org/10.1103/PhysRevD.95.012004">https://doi.org/10.1103/PhysRevD.95.012004</a>	1.6	7
1245	Measurements of the top quark branching ratios into channels with leptons and quarks with the ATLAS detector. Physical Review D, 2015, 92, 012004. <a href="https://doi.org/10.1103/PhysRevD.92.012004">https://doi.org/10.1103/PhysRevD.92.012004</a>	1.6	7
1246	Femtoscopic study of identified charged pions in proton-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. Physical Review C, 2017, 95, 044907. <a href="https://doi.org/10.1103/PhysRevC.95.044907">https://doi.org/10.1103/PhysRevC.95.044907</a>		
1247	Search for the production of a Higgs boson into a $Z$ boson and a $\tau$ lepton with the ATLAS detector. Physical Review D, 2018, 98, 012004. <a href="https://doi.org/10.1103/PhysRevD.98.012004">https://doi.org/10.1103/PhysRevD.98.012004</a>	1.6	7
1248	Measurement of $\sigma(\text{pp} \rightarrow \text{Z} \rightarrow \text{e}^+\text{e}^-) \times \text{BR}(\text{Z} \rightarrow \text{b}\bar{\text{b}})$ in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 163. <a href="https://doi.org/10.1007/s00034-018-0613-1">https://doi.org/10.1007/s00034-018-0613-1</a>	1.4	7
1249	Combination of inclusive and differential $\overline{\text{t}}\text{t}$ charge asymmetry measurements using ATLAS and CMS data at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1. <a href="https://doi.org/10.1007/JHEP02(2018)001">https://doi.org/10.1007/JHEP02(2018)001</a>	1.6	7
1250	Modelling radiation damage to pixel sensors in the ATLAS detector. Journal of Instrumentation, 2019, 14, P06012-P06012. <a href="https://doi.org/10.1088/1748-0227/14/06/P06012">https://doi.org/10.1088/1748-0227/14/06/P06012</a>	0.5	7
1251	Medium-Induced Modification of $Z$ -Tagged Charged Particle Yields in $Pb-Pb$ Collisions at $\sqrt{s_{NN}}=5.02$ TeV with the ATLAS Detector. Physical Review Letters, 2021, 126, 072301. <a href="https://doi.org/10.1103/PhysRevLett.126.072301">https://doi.org/10.1103/PhysRevLett.126.072301</a>	2.9	7
1252	Search for R-parity-violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment using $\sqrt{s}=13$ TeV proton-proton collision data. European Physical Journal C, 2021, 81, 1. <a href="https://doi.org/10.1007/s00034-021-01411-1">https://doi.org/10.1007/s00034-021-01411-1</a>	1.4	7
1253	Search for $\text{Z} \rightarrow \text{e}^+\text{e}^-$ decays in three- or four-lepton events in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136832. <a href="https://doi.org/10.1016/j.physletb.2022.136832">https://doi.org/10.1016/j.physletb.2022.136832</a>	1.5	7
1254	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1. <a href="https://doi.org/10.1007/s00034-021-01411-1">https://doi.org/10.1007/s00034-021-01411-1</a>	1.4	7
1255	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. <a href="https://doi.org/10.1007/s00034-022-01411-1">https://doi.org/10.1007/s00034-022-01411-1</a>	1.4	7
1256	A pipeline of associative memory boards for track finding. IEEE Transactions on Nuclear Science, 2001, 48, 595-600. <a href="https://doi.org/10.1109/43.943100">https://doi.org/10.1109/43.943100</a>	1.2	6
1257	Real time secondary vertexing at CDF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 569, 111-114. <a href="https://doi.org/10.1016/j.nucphysa.2006.05.011">https://doi.org/10.1016/j.nucphysa.2006.05.011</a>	0.7	6
1258	Search for narrow resonances lighter than $\eta'$ mesons. European Physical Journal C, 2009, 62, 319-326. <a href="https://doi.org/10.1007/s00034-009-0080-1">https://doi.org/10.1007/s00034-009-0080-1</a>	1.4	6
1259	Search for standard model Higgs boson production in association with a $W$ boson using a neural network discriminant at CDF. Physical Review D, 2009, 80, 012004. <a href="https://doi.org/10.1103/PhysRevD.80.012004">https://doi.org/10.1103/PhysRevD.80.012004</a>	1.6	6
1260	Measurement of the $t\bar{t}$ production cross section in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2009, 80, 012004. <a href="https://doi.org/10.1103/PhysRevD.80.012004">https://doi.org/10.1103/PhysRevD.80.012004</a>	1.6	6



#	ARTICLE	IF	CITATIONS
1261	Search for contact interactions in dimuon events from $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2012, 104, 251802.	1.6	6
1262	Measurement of the branching fraction $B(\bar{b} \rightarrow c + \bar{c} + \bar{b})$ at CDF. <i>Physical Review D</i> , 2012, 85, .	1.6	6
1263	Search for production cross section in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2012, 104, 251802.	1.6	6
1264	Measurement of the branching fraction $B(\bar{b} \rightarrow c + \bar{c} + \bar{b})$ at CDF. <i>Physical Review D</i> , 2012, 85, .	1.6	6
1265	Search for production cross section in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2012, 104, 251802.	1.5	6
1266	Search for supersymmetry in events with photons, bottom quarks, and missing transverse momentum in proton-proton collisions at a centre-of-mass energy of 7 TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 719, 261-279.	1.6	6
1267	Searches for the Higgs boson decaying to $W + W \rightarrow \gamma \gamma$ , $W \rightarrow \gamma \gamma$ , $W \rightarrow \gamma \gamma$ with the CDF II detector. <i>Physical Review D</i> , 2013, 88, .	1.6	6
1268	Next generation associative memory devices for the FTK tracking processor of the ATLAS experiment. <i>Journal of Instrumentation</i> , 2014, 9, C03053-C03053.	0.5	6
1269	Measurement of the forward-backward asymmetry of top-quark and antiquark pairs using the full CDF Run II data set. <i>Physical Review D</i> , 2016, 93, .	1.6	6
1270	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. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	6
1271	Search for Higgs boson production in association with a high-energy photon via vector-boson fusion with decay into bottom quark pairs at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	6
1272	Observation of photon-induced $W + W \rightarrow \gamma \gamma$ production in $pp$ collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. <i>Physical Review Letters</i> , 2021, 125, 251802.	2.9	6
1273	Performance of the ATLAS RPC detector and Level-1 muon barrel trigger at $\sqrt{s} = 13$ TeV. <i>Journal of Instrumentation</i> , 2021, 16, P07029.	1.5	6
1274	Search for Heavy Resonances Decaying into a Photon and a Hadronically Decaying Higgs Boson in $pp$ Collisions at $\sqrt{s} = 13$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2020, 125, 251802.	1.5	6
1275	Performance of the ATLAS Level-1 topological trigger in Run 2. <i>European Physical Journal C</i> , 2022, 82, 1.	0.5	6
1276	Measurements of azimuthal anisotropies of jet production in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physical Review C</i> , 2022, 105, .	1.4	6
1277	Search for Heavy Resonances Decaying into a Photon and a Hadronically Decaying Higgs Boson in $pp$ Collisions at $\sqrt{s} = 13$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2020, 125, 251802.	1.1	6
1278	Search for Heavy Resonances Decaying into a Photon and a Hadronically Decaying Higgs Boson in $pp$ Collisions at $\sqrt{s} = 13$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2020, 125, 251802.	1.1	6



#	ARTICLE	IF	CITATIONS
1297	Characterization of an Associative Memory Chip in 28 nm CMOS Technology. , 2018, , .		5
1298	A search for the decays of stopped long-lived particles at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	5
1299	The ATLAS Fast Track system. Journal of Instrumentation, 2021, 16, P07006.	0.5	5
1300	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
1301	Emulating the impact of additional proton-proton interactions in the ATLAS simulation by presampling sets of inelastic Monte Carlo events. Computing and Software for Big Science, 2022, 6, 1.	1.3	5
1302	The ATLAS inner detector trigger performance in pp collisions at 13 TeV during LHC Run 2. European Physical Journal C, 2022, 82, 1.	1.4	5
1303	Constraints on Higgs boson production with large transverse momentum using $H \rightarrow b\bar{b}$ decays in the ATLAS detector. Physical Review D, 2022, 105,	1.6	5
1304	Search for the Higgs Boson Produced in Association with $Z\tau^+\tau^-$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 251803.	2.9	4
1305	Search for the neutral current top quark decay $t \rightarrow Zc$ using the ratio of $Z$ -boson $+c$ boson pairs decaying into charged leptons and jets in $pp$ collisions with $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	1.6	4
1306	Search for anomalous production of events with a photon, jet, b-quark jet, and missing transverse energy. Physical Review D, 2009, 80, .	1.6	4
1307	The Fast Track real time processor and its impact on muon isolation, tau and b-jet online selections at ATLAS. , 2010, , .		4
1308	Search for the Higgs boson in the all-hadronic final state using the CDF II detector. Physical Review D, 2011, 84, .	1.6	4
1309	Search for new phenomena in events with two Z bosons and missing transverse momentum in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	1.6	4
1310	Search for Supersymmetry with Like-Sign Lepton-Tau Events at CDF. Physical Review Letters, 2013, 110, 201802.	2.9	4
1311	Signature-based search for delayed photons in exclusive photon plus missing transverse energy events from $pp$ collisions with $\sqrt{s} = 1.96$ TeV. Physical Review D, 2013, 88,	1.6	4
1312	Search for the production of $Z$ and $W$ boson pairs decaying into charged leptons and jets in $pp$ collisions with $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	4
1313	Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	4
1314	Measurement of $W+W$ production in association with one jet in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 114-133.	1.5	4

#	ARTICLE	IF	CITATIONS
1315	Measurement of vector boson plus $D^*$ meson production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2016, 93, .	1.6	4
1316	Measurement of jet activity in top quark events using the $e\bar{\nu}_e$ final state with two b-tagged jets in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	4
1317	Measurements of the charge asymmetry in top-quark pair production in the dilepton final state at $\sqrt{s}=8$ TeV with the ATLAS detector. Physical Review D, 2016, 94, .	1.6	4
1318	Measurement of the $W$ and $WZ$ production cross section using final states with a charged lepton and heavy-flavor jets in the full CDF Run II data set. Physical Review D, 2016, 94, .	1.6	4
1319	A low-power and high-density Associative Memory in 28 nm CMOS technology. , 2017, , .		4
1320	Performance of the upgraded PreProcessor of the ATLAS Level-1 Calorimeter Trigger. Journal of Instrumentation, 2020, 15, P11016-P11016.	0.5	4
1321	Measurement of hadronic event shapes in high- $p_T$ multijet final states at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
1322	Search for bottom-quark pair production in $p\bar{p}$ collision events at $\sqrt{s}=13$ TeV with hadronically decaying $\chi_{c0}$ with the ATLAS detector. Physical Review D, 2021, 103, 1.	1.6	4
1323	Search for top squarks in events with a Higgs or Z boson using $139$ fb $^{-1}$ of pp collision data at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	4
1324	Measurement of the energy response of the ATLAS calorimeter to charged pions from $W \rightarrow \mu \nu$ events in Run 2 data. European Physical Journal C, 2022, 82, 1.	1.4	4
1325	Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
1326	Search for exotic decays of the Higgs boson into long-lived particles in pp collisions at $\sqrt{s}=13$ TeV using displaced vertices in the ATLAS inner detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
1327	The AM++ Board for the Silicon Vertex Tracker Upgrade at CDF. , 0, , .		3
1328	A VLSI Processor for Fast Track Finding Based on Content Addressable Memories. , 0, , .		3
1329	Search for $b \rightarrow s \gamma$ decays in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 72, .	1.6	3
1330	Search for anomalous semileptonic decay of heavy flavor hadrons produced in association with a W boson at CDF II. Physical Review D, 2006, 73, .	1.6	3
1331	Measurement of the ratio of branching fractions $B(B \rightarrow \mu^+ \mu^-) / B(B \rightarrow K^+ \mu^-)$ . Physical Review D, 2009, 79, .	1.6	3
1332	The GigaFitter: Performance at CDF and Perspectives for Future Applications. Journal of Physics: Conference Series, 2010, 219, 022001.	0.3	3



#	ARTICLE	IF	CITATIONS
1333	Measurement of the azimuthal ordering of charged hadrons with the ATLAS detector. Physical Review D, 2012, 86, .	1.6	3
1334	Production of $\Lambda^0$ , $\Sigma^0$ , $\Lambda^{\pm}$ , and $\Sigma^{\pm}$ hyperons in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, .	1.6	3
1335	Search for standard model Higgs boson production in association with a $W$ boson at CDF. Physical Review D, 2012, 85, .	1.6	3
1336	$W$ -boson polarization measurement in the $pp$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.5	3
1337	A XOR-based associative memory block in 28 nm CMOS for interdisciplinary applications. , 2015, .		3
1338	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
1339	Measurement of the $k_t$ splitting scales in $Z \rightarrow e^+e^-$ events in $pp$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
1340	Measurement of the relative $B_c$ production cross section with the ATLAS detector at $\sqrt{s}=8$ TeV. European Physical Journal C, 2021, 81, 1.	1.6	3
1341	Measurement of single top-quark production in association with a $W$ boson in the single-lepton channel at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	3
1342	Measurements of sensor radiation damage in the ATLAS inner detector using leakage currents. Journal of Instrumentation, 2021, 16, P08025.	0.5	3
1343	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
1344	Measurement of $b$ -quark fragmentation properties in jets using the decay $B \rightarrow J/\psi K$ in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	3
1345	Two-particle Bose-Einstein correlations in $pp$ collisions at $\sqrt{s}=13$ TeV measured with the ATLAS detector at the LHC. European Physical Journal C, 2022, 82, .	1.4	3
1346	The Data Organizer: A high traffic node for tracking detector data. , 0, .		2
1347	A pipeline of associative memory boards for track finding. , 0, .		2
1348	First Measurement of the Ratio of Central-Electron to Forward-Electron Partial Cross Sections in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 251801.	2.9	2
1349	Search for $WZ$ and $WZ$ production in lepton plus jets final state at CDF. Physical Review D, 2009, 79, .	1.6	2
1350	Search for a heavy vector boson decaying to two gluons in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, .	1.6	2

#	ARTICLE	IF	CITATIONS
1351	Search for a Higgs boson produced in association with a Z boson in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2013, 88, .	1.5	2
1352	A multi-core FPGA-based clustering algorithm for real-time image processing. , 2013, , .		2
1353	Search for a dijet resonance in events with jets and missing transverse energy in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2013, 88, .	1.6	2
1354	Search for new physics in trilepton events and limits on the associated chargino-neutralino production at CDF. <i>Physical Review D</i> , 2014, 90, .	1.6	2
1355	Search for a low-mass neutral Higgs boson with suppressed couplings to fermions using events with multiphoton final states. <i>Physical Review D</i> , 2016, 93, .	1.6	2
1356	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. <i>New Journal of Physics</i> , 2016, 18, 073021.	1.2	2
1357	Study of ordered hadron chains with the ATLAS detector. <i>Physical Review D</i> , 2017, 96, .	1.6	2
1358	Comparison between simulated and observed LHC beam backgrounds in the ATLAS experiment at $\sqrt{s} = 4$ TeV. <i>Journal of Instrumentation</i> , 2018, 13, P12006-P12006.	0.5	2
1359	Design and Characterization of New Content Addressable Memory Cells. , 2018, , .		2
1360	Search for trilepton resonances from chargino and neutralino pair production in $s = 13$ TeV $pp$ collisions with the ATLAS detector. <i>Physical Review D</i> , 2021, 103, .	1.6	2
1361	Search for heavy particles in the $b$ -tagged dijet mass distribution with additional $b$ -tagged jets in proton-proton collisions at $s = 13$ TeV with the ATLAS experiment. <i>Physical Review D</i> , 2022, 105, .	1.6	2
1362	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. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	1.6	2
1363	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. <i>European Physical Journal C</i> , 2022, 82, .	1.4	2
1364	The Data Organizer: A high traffic node for tracking detector data. <i>IEEE Transactions on Nuclear Science</i> , 2001, 48, 1313-1317.	1.2	1
1365	The "Road Warrior" for the CDF online silicon vertex tracker. <i>IEEE Transactions on Nuclear Science</i> , 2006, 53, 648-652.	1.2	1
1366	CDF: B Physics Performance and Trigger " Operational Experience. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2007, 170, 283-287.	0.5	1
1367	Search for a dijet resonance in events with jets and missing transverse energy in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2013, 88, .	2.9	1
1368	Enhancement of the ATLAS trigger system with a hardware tracker finder FTK. <i>Journal of Instrumentation</i> , 2010, 5, C12037-C12037.	0.5	1

#	ARTICLE	IF	CITATIONS
1369	Publisher's Note: Measurement of the $W+W\gamma$ Production Cross Section and Search for Anomalous $WW\gamma^3$ and $WWZ$ Couplings in $pp$ Collisions at $\sqrt{s}=1.96$ TeV [Phys. Rev. Lett. 104, 201801 (2010)]. Physical Review Letters, 2010, 105, .		1
1370	Improved determination of the sample composition of dimuon events produced in $pp$ collisions at $\sqrt{s}=1.96$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	1
1371	Associative Memory for L1 track triggering in LHC environment. , 2012, , .		1
1372	The EDRO Board Connected to the Associative Memory: a "Baby" FastTracker Processor for the ATLAS Experiment. Physics Procedia, 2012, 37, 1772-1780.	1.2	1
1373	Design of a hardware track finder (Fast Tracker) for the ATLAS trigger. Journal of Instrumentation, 2014, 9, C01045-C01045.	0.5	1
1374	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
1375	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
1376	Measurement of the $t\bar{t}$ production cross section in the $\ell, \gamma$ jets final state in $pp$ collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. Physical Review D, 2017, 95, .	1.6	1
1377	Measurement of the inclusive-isolated prompt-photon cross section in $pp$ collisions using the full CDF data set. Physical Review D, 2017, 96, .	1.6	1
1378	Measurement of the $D^+$ meson production cross section at low transverse momentum in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2017, 95, .	1.6	1
1379	Measurement of the jet mass in high transverse momentum $Z(\tau^+\tau^-)$ production at $\sqrt{s}=13$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 135991.	1.5	1
1380	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
1381	Measurement of the charge asymmetry of electrons from the decays of $W$ bosons produced in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2021, 104, .	1.6	1
1382	Operation and performance of the ATLAS semiconductor tracker in LHC Run 2. Journal of Instrumentation, 2022, 17, P01013.	0.5	1
1383	A search for an unexpected asymmetry in the production of $e^+\mu^-$ and $e^-\mu^+$ pairs in proton-proton collisions recorded by the ATLAS detector at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 830, 137106.	1.5	1
1384	The SVT Bypass for a Forward Lepton wide coverage in the CDF Trigger. , 2007, , . Publisher's Note: Search for Pair Production of Scalar Top Quarks Decaying to a Lepton and a Quark in $pp$ Collisions at $\sqrt{s}=1.96$ TeV.		0
1385	Search for Pair Production of Scalar Top Quarks Decaying to a Lepton and a Quark in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 111801.	2.9	0
1386	Associative memory design for fast tracker at LHC. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
1387	Searches for hadronic decays of $W$ and $Z$ bosons in photon events in $pp$ collisions at $\sqrt{s}=1.96$ TeV [Phys. Rev. D 80, 052011 (2009)]. Physical Review D, 2009, 80, .	1.6	0
1388	Publisher's Note: Search for hadronic decays of $W$ and $Z$ bosons in photon events in $pp$ collisions at $\sqrt{s}=1.96$ TeV [Phys. Rev. D 80, 052011 (2009)]. Physical Review D, 2009, 80, .	1.6	0
1389	Publisher's Note: Novel inclusive search for the Higgs boson in the four-lepton final state at CDF [Phys. Rev. D 86, 072012 (2012)]. Physical Review D, 2012, 86, .	1.6	0
1390	Searches for physics beyond the Standard Model at the Tevatron. Pramana - Journal of Physics, 2012, 79, 703-717.	0.9	0
1391	An additional study of multi-muon events produced in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physics Letters, 2012, 313, 1-4.	1.5	0
1392	A fast hardware tracker for the ATLAS trigger system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 258-259.	0.7	0
1393	Heterogeneous computing system platform for high-performance pattern recognition applications. , 2017, , .		0
1394	Studies of the performance of the ATLAS detector using cosmic-ray muons. , 2012, , 239-274.		0