

Christopher N Booth

List of Publications by Year in descending order

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392
papers

23,542
citations

10650

74
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133
g-index

394
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394
docs citations

394
times ranked

10507
citing authors

#	ARTICLE	IF	CITATIONS
19	Search for Gluinos in Events with Two Same-Sign Leptons, Jets, and Missing Transverse Momentum with the ATLAS Detector inppCollisions ats=7â€‰%â€‰%TeV. Physical Review Letters, 2012, 108, 241802.	2.9	37
20	Measurement of the azimuthal ordering of charged hadrons with the ATLAS detector. Physical Review D, 2012, 86, .	1.6	3
21	Search for resonant top quark plus jet production inppcollisions ats=7â€‰%â€‰%TeV. Physical Review D, 2012, 86, .	1.6	16
22	Search for Scalar Bottom Quark Pair Production with the ATLAS Detector inppCollisions ats=7â€‰%â€‰%TeV. Physical Review Letters, 2012, 108, 181802.	2.9	61
23	ATLAS measurements of the properties of jets for boosted particle searches. Physical Review D, 2012, 86, .	1.6	21
24	Search for New Phenomena in $t\bar{t}$ Events with Large Missing Transverse Momentum in Proton-Proton Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2012, 109, 071801.	2.9	46
25	Observation of Spin Correlation in $t\bar{t}$ Events from $t\bar{t}$ Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2012, 109, 071801.	2.9	31
26	Measurement of inclusive jet and dijet production inppcollisions ats=7â€‰%â€‰%TeV using the ATLAS detector. Physical Review D, 2012, 86, .	2.9	80
27	Observation of a New State in Radiative Transitions to $t\bar{t}$. Physical Review Letters, 2012, 109, 071801.	1.6	135
28	Measurement of the production cross section of an isolated photon associated with jets in proton-proton collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2012, 109, 071801.	2.9	90
29	Search for Resonances in Proton-Proton Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2012, 109, 071801.	1.6	45
30	Underlying event characteristics and their dependence on jet size of charged-particle jet events inppcollisions ats=7â€‰%â€‰%TeV with the ATLAS detector. Physical Review D, 2012, 86, .	2.9	33
31	Search for Pair Production of a New Quark that Decays into a Z Boson and a Bottom Quark with the ATLAS Detector. Physical Review Letters, 2012, 109, 071801.	1.6	12
32	Measurement of the azimuthal anisotropy for charged particle production in lead-lead collisions with the ATLAS detector. Physical Review C, 2012, 86, .	2.9	26
33	Search for the Higgs Boson in the $H\rightarrow WW^{(*)}\rightarrow l^+l^-\gamma$ Decay Channel inppCollisions ats=7â€‰%â€‰%TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 111802.	1.1	365
34	Search for a Light Higgs Boson Decaying to Long-Lived Weakly Interacting Particles in Proton-Proton Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2012, 108, 251801.	2.9	61
35	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

#	ARTICLE	IF	CITATIONS
37	Measurement of the production in jets from collisions at $\sqrt{s} = 7$ TeV collected by the ATLAS detector. Physical Review Letters, 2012, 108, 041804.	1.6	23
38	Determination of the Strange-Quark Density of the Proton from ATLAS Measurements of the W and Z Cross Sections. Physical Review Letters, 2012, 109, 012001.	2.9	117
39	Search for Production of Resonant States in the Photon-Jet Mass Distribution Using pp Collisions at $\sqrt{s} = 7$ TeV Collected by the ATLAS Detector. Physical Review Letters, 2012, 108, 211802.	2.9	12
40	Measurement of the Z 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
41	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
42	Search for pair-produced heavy quarks decaying to Wq in the two-lepton channel at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2012, 108, 041804.	1.6	23
43	Search for Down-Type Fourth Generation Quarks with the ATLAS Detector in Events with One Lepton and Hadronically Decaying Z boson in pp collisions with the ATLAS detector. Physical Review Letters, 2012, 109, 032001.	2.9	40
44	Search for pair-produced heavy quarks decaying to Wq in the two-lepton channel at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2012, 108, 041804.	1.6	47
45	Search for resonant WZ production in the WZ channel in pp collisions with the ATLAS detector. Physical Review D, 2012, 85, .	1.6	12
46	The MICE Muon Beam on ISIS and the beam-line instrumentation of the Muon Ionization Cooling Experiment. Journal of Instrumentation, 2012, 7, P05009-P05009.	0.5	36
47	A study of the material in the ATLAS inner detector using secondary hadronic interactions. Journal of Instrumentation, 2012, 7, P01013-P01013.	0.5	23
48	Measurement of the cross section for top-quark pair production in pp collisions at $\sqrt{s} = 7$ 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
49	Jet mass and substructure of inclusive jets in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS experiment. Journal of High Energy Physics, 2012, 2012, 1.	1.6	88
50	Measurement of inclusive two-particle angular correlations in pp collisions with the ATLAS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	12
51	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in 4.7 fb^{-1} of $\sqrt{s} = 7$ TeV proton-proton collisions. Journal of High Energy Physics, 2012, 2012, 1.	1.6	53
52	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, 1.	1.6	40
53	Search for the Standard Model Higgs boson in the $H \rightarrow \tau\tau$, $H \rightarrow \tau\nu$ decay mode in $\sqrt{s} = 7$ TeV pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	1.6	43
54	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

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55	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
56	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
57	Time-dependent angular analysis of the decay $B_s^0 \rightarrow \ell^+ \ell^- \gamma$ and extraction of $\arg(\tilde{t}_1^* \tilde{t}_1)$ and the CP-violating weak phase $\arg(\tilde{t}_1^* \tilde{t}_1)$ by ATLAS. Journal of High Energy Physics, 2012, 2012, .	1.6	23
58	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
59	Measurement of the isolated diphoton cross section in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2012, 85, .	1.6	41
60	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	24
61	Measurement of the inclusive cross section for the production of Z bosons in association with jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2012, 85, .	1.6	31
62	Measurement of the inclusive cross section for the production of Z bosons in association with jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2012, 85, .	1.6	38
63	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, .	1.6	30
64	Measurement of the transverse momentum distribution of W bosons in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2012, 85, .	1.6	37
65	Measurement of the b -hadron production cross section using decays to D and B mesons in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Nuclear Physics B, 2012, 864, 341-381.	2.9	171
66	Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in pp collisions using 1 fb ⁻¹ of ATLAS data. Physical Review D, 2012, 85, .	1.6	57
67	Measurement of the b -hadron production cross section using decays to D and B mesons in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Nuclear Physics B, 2012, 864, 341-381.	0.9	31
68	Search for the decay $B \rightarrow \ell^+ \ell^- \gamma$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 387-407.	1.5	59
69	Search for events with large missing transverse momentum, jets, and at least two tau leptons in 7 TeV proton-proton collision data with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 180-196.	1.5	12
70	Search for supersymmetry with jets, missing transverse momentum and at least one hadronically decaying \tilde{t}_1 , lepton 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, 714, 197-214.	1.5	6
71	Search for TeV-scale gravity signatures in final states with leptons and jets with the ATLAS detector at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 197-214.	1.5	17
72	Search for supersymmetry with jets, missing transverse momentum and at least one hadronically decaying \tilde{t}_1 , lepton 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, 714, 197-214.	1.5	14

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73	Search 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	248
74	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. European Physical Journal C, 2012, 72, 1.	1.4	100
75	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	13
76	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	109
77	Measurement of $\sigma_{\text{star}}(t)$ production with a veto on additional central jet activity in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. European Physical Journal C, 2012, 72, 2043.	1.4	25
78	A search for $\sigma_{\text{star}}(t)$ resonances with the ATLAS detector in 2.05 fb^{-1} of proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2083.	1.4	37
79	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	59
80	Measurement of $W \hat{A} \pm Z$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	25
81	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	22
82	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	31
83	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.	1.5	12
84	Measurement of W^{\pm} and Z^0 production cross sections in pp collisions at $\sqrt{s} = 7$ 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, 40-69.	1.5	9
85	Measurement of the t-channel single top-quark production cross section in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 369-390.	1.5	113
86	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	40
87	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

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91	Search for a heavy Standard Model Higgs boson in the channel $\gamma\gamma$. <i>Journal of High Energy Physics</i> , 2012, 2012, 1. $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.5	10
92	Search for diphoton events with large missing transverse momentum in 7 TeV proton-proton collision data with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 718, 411-430.	1.5	20
93	Search for a heavy Standard Model Higgs boson in the channel $\gamma\gamma$. <i>Journal of High Energy Physics</i> , 2012, 2012, 1. $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	109
94	Search for Magnetic Monopoles in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2012, 109, 261803.	2.9	57
95	Performance of missing transverse momentum reconstruction in proton-proton collisions at $\sqrt{s} = 7$ TeV with ATLAS. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	230
96	Performance of the ATLAS Trigger System in 2010. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	259
97	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. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	36
98	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+\tau^-$ in $t\bar{t}$ events using pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	126
99	Measurement of the W boson polarization in top quark decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	57
100	Forward-backward correlations and charged-particle azimuthal distributions in pp interactions using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	29
101	Yield strength of molybdenum, tantalum and tungsten at high strain rates and very high temperatures. <i>Journal of Nuclear Materials</i> , 2012, 426, 45-51.	1.3	34
102	Search for a heavy Standard Model Higgs boson in the channel $\gamma\gamma$. <i>Journal of High Energy Physics</i> , 2012, 2012, 1. $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.5	16
103	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 with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 706, 295-313.	1.5	20
104	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 with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 706, 295-313.	1.5	20
105	Measurements of the electron and muon inclusive cross-sections in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 706, 295-313.	1.5	20
106	Measurements of the electron and muon inclusive cross-sections in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 706, 295-313.	1.5	20
107	Measurement of the pseudorapidity and transverse momentum dependence of the elliptic flow of charged particles in lead-lead collisions at $\sqrt{s} = 2.76$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 706, 295-313.	1.5	231
108	Measurement of the pseudorapidity and transverse momentum dependence of the elliptic flow of charged particles in lead-lead collisions at $\sqrt{s} = 2.76$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 706, 295-313.	1.5	231

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109	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
110	Search for new physics in the dijet mass distribution using 1 fb^{-1} of pp collision data at $\sqrt{s} = 7 \text{ TeV}$ collected by the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 37-54.	1.5	8
111	Searches for supersymmetry with the ATLAS detector using final states with two leptons and missing transverse momentum in $\sqrt{s} = 7 \text{ TeV}$ pp collisions at the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 49-66.	1.5	58
112	Search for first generation scalar leptogluons in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 363-382.	1.5	109
113	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
114	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in $\sqrt{s} = 7 \text{ TeV}$ pp collisions at the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 49-66.	1.5	21
115	Measurement of the production cross-section and limits on anomalous triple gauge couplings in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 363-382.	1.5	21
116	Search for the Standard Model Higgs boson in the decay channel $H \rightarrow \tau\tau$ using final states with leptons and jets with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 363-382.	1.5	36
117	Search for extra dimensions using diphoton events in 7 TeV proton-proton collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 538-556.	1.5	69
118	Search for heavy vector-like quarks coupling to light quarks in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 22-39.	1.5	40
119	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	16
120	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 40-58.	1.5	16
121	Search for new particles decaying to ZZ using final states with leptons and jets with the ATLAS detector in $\sqrt{s} = 7 \text{ TeV}$ pp collisions at the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 40-58.	1.5	16
122	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 40-58.	1.5	16
123	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 40-58.	1.5	16
124	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 40-58.	1.5	16
125	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 40-58.	1.5	16
126	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 40-58.	1.5	16

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127	Search for FCNC single top-quark production at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2012, 712, 351-360.	1.4	15
128	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
129	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

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145	Measurement of the inclusive cross-section for the production of a heavy gauge boson decaying to a charged lepton and a neutrino in 1 fb ⁻¹ of pp collisions at the ATLAS detector in $\sqrt{s} = 7$ TeV proton collisions using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 28-46.	1.5	21
146	Search for a heavy gauge boson decaying to a charged lepton and a neutrino in 1 fb ⁻¹ of pp collisions at the ATLAS detector in $\sqrt{s} = 7$ TeV proton collisions using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 28-46.	1.5	21
147	Search for new phenomena with the monojet and missing transverse momentum signature using the ATLAS detector in $\sqrt{s} = 7$ TeV proton collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 294-312.	1.5	45
148	Search for the Standard Model Higgs boson in the decay channel $H \rightarrow Z\gamma$ using the ATLAS detector in $\sqrt{s} = 7$ TeV proton collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 294-312.	1.5	57
149	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, 28-46.	1.5	22
150	Measurement of the inclusive isolated prompt photon cross-section in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 28-46.	1.5	23
151	Search for an excess of events with an identical flavour lepton pair and significant missing transverse momentum in $\sqrt{s} = 7$ TeV proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	49
152	Search for an excess of events with an identical flavour lepton pair and significant missing transverse momentum in $\sqrt{s} = 7$ TeV proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	18
153	Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $\sqrt{s} = 7$ TeV proton collisions with the ATLAS experiment. European Physical Journal C, 2011, 71, 1.	1.4	41
154	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
155	Search for diphoton events with large missing transverse energy with 36 pb ⁻¹ of 7 TeV proton collisions data with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	15
156	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb ⁻¹ of ATLAS data. European Physical Journal C, 2011, 71, 1.	1.4	14
157	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
158	Lifetime and strength tests of tantalum and tungsten under thermal shock for a Neutrino Factory target. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 646, 1-6.	0.7	3
159	Dynamic Young's moduli of tungsten and tantalum at high temperature and stress. Journal of Nuclear Materials, 2011, 409, 40-46.	1.3	39
160	Search for quark contact interactions in dijet angular distributions in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 28-46.	1.5	107
161	Measurement of the centrality dependence of Z production yields and observation of Z production in lead-lead collisions with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 294-312.	1.5	107

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163	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.	2.9	15
164	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
165	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector 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, 371-385.	1.5	32
166	Search for supersymmetry using final states with jets and missing transverse momentum with the ATLAS detector 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, 386-400.	1.5	126
167	A search for new physics in dijet mass and angular distributions in pp collisions at $\sqrt{s}=7$ TeV measured with the ATLAS detector. New Journal of Physics, 2011, 13, 053044.	1.5	54
168	Charged-particle multiplicities in pp interactions measured with the ATLAS detector at the LHC. New Journal of Physics, 2011, 13, 053033.	1.2	116
169	Search for the Higgs Boson in the $H \rightarrow ZZ \rightarrow 4\ell$ Decay Channel in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 107, 231801.	2.9	23
171	Search for a Heavy Particle Decaying into an Electron and a Muon with the ATLAS Detector in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 106, 171802.	2.9	15
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334	Measurement of isolated photon production in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 264, 476-486.	1.5	26
335	Measurement of the charged particle multiplicity distribution in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 273, 181-192.	1.5	72
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344	Measurement of the transverse momentum distributions of W and Z bosons at the CERN pp collider. Zeitschrift für Physik C-Particles and Fields, 1990, 47, 523-531.	1.5	19
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347	Search for neutralino production in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 541-550.	1.5	46
348	Heavy flavour production in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 551-565.	1.5	101
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358	Search for decays of the Z into a photon and a pseudoscalar meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 635-643.	1.5	8
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362	Determination of the number of light neutrino species. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 231, 519-529.	1.5	239
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