

Jan F Strube

List of Publications by Year in descending order

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255
papers

15,023
citations

18482

62
h-index

24982

109
g-index

255
all docs

255
docs citations

255
times ranked

9061
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of a Centrality-Dependent Dijet Asymmetry in Lead-Lead Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252303.	7.8	581
2	Searches for Lepton Flavor Violation in the Decays $B \rightarrow \tau \mu$ and $B \rightarrow \tau e$. Physical Review Letters, 2010, 105, 252303.	7.8	421
3	Measurement of the azimuthal anisotropy for charged particle production in lead-lead collisions with the ATLAS detector. Physical Review C, 2012, 86, ..	2.9	365
4	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.	3.9	362
5	Combined search for the Standard Model Higgs boson using up to 4.9 fb ⁻¹ of pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 49-66.	3.9	362
6	Charged-particle multiplicities in pp interactions measured with the ATLAS detector at the LHC. New Journal of Physics, 2011, 13, 053033.	2.9	314
7	The Physics of the B Factories. European Physical Journal C, 2014, 74, 1.	3.9	292
8	Performance of the ATLAS Trigger System in 2010. European Physical Journal C, 2012, 72, 1.	3.9	259
9	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. European Physical Journal C, 2012, 72, 1.	3.9	248
10			

#	ARTICLE	IF	CITATIONS
19	Measurement of the inclusive cross section for the production of top quark pairs in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2010, 82, .		
20	The BB detector: Upgrades, operation and performance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 729, 615-701.	1.6	148
22	Measurement of the top quark-pair production cross section with ATLAS in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	146
23	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in $\sqrt{s} = 7$ TeV proton-proton collisions. <i>Physics Letters, Section B: Nuclear Physics</i> , 2011, 106, 131802.	7.8	136
24	Search for Supersymmetry Using Final States with One Lepton, Jets, and Missing Transverse Momentum with the ATLAS Detector in $\sqrt{s} = 7$ TeV proton-proton collisions. <i>Physical Review Letters</i> , 2011, 106, 131802.	7.8	136
25	Measurement of inclusive jet and dijet production in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. <i>Physical Review D</i> , 2012, 86, .	4.7	135
26	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in $\sqrt{s} = 7$ TeV proton-proton collisions. <i>Physics Letters, Section B: Nuclear Physics</i> , 2011, 106, 131802.	4.1	126
27	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.	4.7	126
28	Observation of new resonances decaying to $\tau^+ \tau^-$ 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.	4.7	122
29	Readiness of the ATLAS Tile Calorimeter for LHC collisions. <i>European Physical Journal C</i> , 2010, 70, 1193-1236.	3.9	121
30	Measurement of the inclusive isolated prompt photon cross section in $\sqrt{s} = 7$ TeV proton-proton collisions at the ATLAS detector. <i>Physical Review D</i> , 2011, 83, .	4.7	121
31			

#	ARTICLE	IF	CITATIONS
55	Measurement of the inclusive and dijet cross-sections of b-jets in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	73
56	Search for $B \rightarrow B^0 \tau^+ \nu_\tau$ against $B \rightarrow B^0 \tau^+ \nu_\tau$. Physical Review D, 2010, 83.	4.7	70
57	Search for $B \rightarrow B^0 \tau^+ \nu_\tau$ collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physical Review D, 2011, 83.	4.7	70
58	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.	4.1	69
59	Searches for heavy long-lived sleptons and R-hadrons with the ATLAS detector in pp collisions at $\sqrt{s}=7\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 277-308.	4.1	67
60	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $\sqrt{s}=7\text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	4.7	65
61	Measurement of the $W \tau^+ \nu_\tau$, $Z \tau^+ \nu_\tau$ and $Z \tau^+ \nu_\tau$ production cross sections in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2010, 2010, 1.	4.7	64
62	Search for a Supersymmetric Partner to the Top Quark in Final States with Jets and Missing Transverse Momentum at $\sqrt{s}=7\text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	7.8	63
63	Search for $B \rightarrow B^0 \tau^+ \nu_\tau$ collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physical Review Letters, 2011, 106, 172002.	7.8	61
64	Search for Scalar Bottom Quark Pair Production with the ATLAS Detector in pp Collisions at $\sqrt{s}=7\text{ TeV}$. Physical Review Letters, 2012, 108, 181802.	7.8	61
65	Search for a Light Higgs Boson Decaying to Long-Lived Weakly Interacting Particles in Proton-Proton Collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 108, 251801.	7.8	61
66	Measurements of top quark pair relative differential cross-sections with ATLAS in pp collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2013, 73, 1.	3.9	61
67	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.	3.9	60
68	Search for the decay $B \rightarrow B^0 \tau^+ \nu_\tau$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 387-407.	4.1	59
69	Measurement of $W \tau^+ Z$ production in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	59
70	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 with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 387-407.	4.1	58
71	Search for $B \rightarrow B^0 \tau^+ \nu_\tau$ bosons 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, 2011, 694, 327-345.	4.1	57
72	Search for quark contact interactions in dijet angular distributions in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 694, 327-345.	4.1	57

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73	Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in $\sqrt{s}=7$ TeV pp collisions using $\sqrt{s}=7$ TeV ATLAS data. Physical Review D, 2012, 85, .	4.7	57
74	Search for Magnetic Monopoles in $\sqrt{s}=7$ TeV pp collisions with the ATLAS Detector. Physical Review Letters, 2012, 109, 261803.	7.8	57
75	Measurement of the W boson polarization in top quark decays with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	57
76	Evidence for Direct CP Violation in the Measurement of the Cabbibo-Kobayashi-Maskawa Angle β in $B^0 \rightarrow D^{(*)} K^{*0}$ Decays. Physical Review Letters, 2010, 105, 121801.	7.8	56
77	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.	3.9	56
78	Study of jet shapes in inclusive jet production in $\sqrt{s}=7$ TeV pp collisions at the ATLAS detector. Physical Review D, 2012, 83, .	4.7	55
79	Search for new phenomena with the monojet and missing transverse momentum signature using the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions. Physics Letters B, 2012, 718, 103-110.	4.1	54
80	Search for 2 supersymmetry in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters B, 2012, 718, 103-110.	4.1	54
81	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.	4.7	54
82	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.	4.7	54
83	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in $\sqrt{s}=7$ TeV proton-proton collisions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	53
84	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.	4.1	52
85	Measurement of the top quark mass with the template method in the $\text{lepton} + \text{jets}$ channel using ATLAS data. European Physical Journal C, 2012, 72, .	3.9	51
86	Measurement of the inclusive isolated prompt photon cross-section in pp collisions at $\sqrt{s}=7$ TeV using ATLAS data. Physical Review Letters, 2012, 109, 261803.	4.1	49
87	Search for production of invisible final states in single-photon decays of τ leptons. Physical Review Letters, 2012, 109, 261803.	7.8	49
88	Study of excited τ leptons in $\tau \rightarrow \mu \nu \gamma$ decays. Physical Review Letters, 2012, 109, 261803.	4.7	49
89	Search for production of invisible final states in single-photon decays of τ leptons. Physical Review Letters, 2012, 109, 261803.	7.8	47
90	Limits on τ lepton-flavor violating decays into three charged leptons. Physical Review D, 2010, 81, .	4.7	47

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91	Search for a heavy gauge boson decaying to a charged lepton and a neutrino in 1 fb ⁻¹ of pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-31.	4.7	47
92	Study of jets produced in association with a W boson in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-31.	4.7	47
93	Search for heavy long-lived charged particles with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-31.	4.7	47
94	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.	4.7	46
95	Events with Large Missing Transverse Momentum in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-31.	7.8	46
96	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, 2013, 720, 13-31.	4.1	45
97	Measurement of the electron and muon inclusive cross-sections in proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-31.	4.1	45
98	Measurement of the top quark pair production cross section in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physical Review D, 2010, 81, .	4.1	45
99	Search for the Standard Model Higgs boson in the $H \rightarrow \tau\tau$ decay mode in $\sqrt{s} = 7$ TeV pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.1	45
100	Measurement of the production cross section of an isolated photon associated with jets in proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physical Review D, 2012, 85, .	4.7	45
101	Measurement of the cross section for top-quark pair production in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector using final states with two high-p _T leptons. Journal of High Energy Physics, 2012, 2012, 1.	4.7	45
102	Search for the Standard Model Higgs boson in the $H \rightarrow \tau\tau$ decay mode in $\sqrt{s} = 7$ TeV pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	45
103	Measurement of the top quark pair production cross section in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector in dilepton final states with ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-31.	4.7	45
104	Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 1.	3.9	45
105	Dalitz plot analysis of $D \rightarrow \tau\tau$ decays. Physical Review D, 2011, 83, .	4.7	43
106	Search for the Standard Model Higgs boson in the $H \rightarrow \tau\tau$ decay mode in $\sqrt{s} = 7$ TeV pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	43
107	Search for first generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-31.	4.1	41
108	Search for heavy long-lived charged particles with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-31.	4.1	41

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109	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. European Physical Journal C, 2011, 71, 1.	3.9	41
110	Measurement of the isolated diphoton cross section in $\sqrt{s}=7$ TeV proton-proton collisions at the ATLAS experiment. European Physical Journal C, 2011, 71, 1.	4.7	41
111	Search for extra dimensions in diphoton events from proton-proton collisions at $\sqrt{s}=7$ TeV in the ATLAS detector at the LHC. New Journal of Physics, 2013, 15, 043007.	2.9	41
112	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.	3.9	40
113	Search for Down-Type Fourth Generation Quarks with the ATLAS Detector in Events with One Lepton and Hadronically Decaying Bosons. Physical Review Letters, 2012, 109, 032001.	7.8	40
114	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.	4.7	40
115	Measurement of the WW cross section in $\sqrt{s}=7$ TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.1	40
116	Measurement of the WW cross section in $\sqrt{s}=7$ TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.1	40
117	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.	3.9	39
118	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.	4.1	38
119	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.	4.1	39
120	Measurement of the W charge asymmetry in the $\sqrt{s}=7$ TeV proton-proton collisions at ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 478-496.	4.1	38
121	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.	4.1	38
122	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.	7.8	37
123	Measurement of the production cross section for W-bosons in $\sqrt{s}=7$ TeV proton-proton collisions at the ATLAS experiment. European Physical Journal C, 2011, 71, 1.	4.7	37
124	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.	3.9	37
125	Search for direct slepton and gaugino production in final states with two leptons 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, 2013, 718, 879-901.	4.1	37
126	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.	3.9	36

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127	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.	4.7	36
128	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.	4.1	36
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.	3.9	36
130	Measurement of the absolute branching fractions for $D^0 \rightarrow \pi^+ \pi^-$ and $D^0 \rightarrow \pi^+ \pi^- \pi^0$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 22-39.	4.7	35
131	Search for the Higgs Boson in the $H \rightarrow WW^* \rightarrow l^+ l^- \gamma \gamma$ Decay Channel in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 111802.	7.8	35
132	Analysis of the $D^0 \rightarrow \pi^+ \pi^-$ channel. Physical Review D, 2011, 83, .	4.7	34
133	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.	4.7	34
134	Search for heavy vector-like quarks coupling to light quarks 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, 712, 22-39.	4.7	33
135	Studies of $D^0 \rightarrow \pi^+ \pi^-$ with the ATLAS detector. Physical Review D, 2011, 83, .	4.7	33
136	Search for heavy vector-like quarks coupling to light quarks 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, 712, 22-39.	4.7	33
137	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.	4.7	33
138	Search for Resonances in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 041804.	7.8	33
139	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.	7.8	33
140	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.	7.8	33
141	Measurement of C_P observables in $D^0 \rightarrow \pi^+ \pi^-$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 22-39.	4.7	32
142	Search for high mass dilepton resonances in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 22-39.	4.1	32
143	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, 2012, 72, 1.	3.9	31
144	Search for Pair Production of a Heavy Up-Type Quark Decaying to a W Boson and a Bottom Quark in the $b\bar{b}$ Channel. Physical Review Letters, 2012, 108, 111802.	7.8	31

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145	Measurement of the production cross section for $Z \rightarrow \tau^+ \tau^-$ in association with jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2012, 85, .	4.7	31
146	Measurement of the b-hadron production cross section using decays to D^0 final states in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Nuclear Physics B</i> , 2012, 864, 341-381.	2.5	31
147	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. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	31
148	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. <i>Physical Review D</i> , 2012, 85, .	4.7	30
149	Properties of jets measured from tracks in proton-proton collisions at center-of-mass energy $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2011, 84, .	4.7	29
150	Measurement of the $B \rightarrow \tau^+ \tau^-$, $B \rightarrow \tau^+ \tau^- \nu$ branching fractions, the $B \rightarrow \tau^+ \tau^- \nu$ form-factor shape determination of $ V_{ub} $. <i>Physical Review D</i> , 2011, 83, .	4.7	29
151	Search for a Standard Model Higgs Boson in the $H \rightarrow ZZ \rightarrow 4\ell$ Decay Channel with the ATLAS Detector. <i>Physical Review Letters</i> , 2011, 107, 221802.	7.8	29
152	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.	4.7	29
153	Search for displaced muonic lepton jets from light Higgs boson decay 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.	4.7	28
154	Exclusive production of D^0 mesons in association with a Z boson at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2010, 82, .	4.7	28
155	Evidence for the $h_b(1P)$ meson in the decay $\Upsilon(3S) \rightarrow \gamma h_b(1P)$. <i>Physical Review D</i> , 2011, 84, .	4.7	28
156	Search for massive long-lived highly ionising particles with the ATLAS detector at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 698, 353-370.	4.1	28
157	Measurement and interpretation of moments in inclusive semileptonic decays $B \rightarrow \tau^+ \nu$. <i>Physical Review D</i> , 2010, 82, .	4.7	28
158	Measurement of the cross-section for b-jets produced in association with a Z boson 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.	4.7	26
159	Search for the rare decay $B \rightarrow \tau^+ K$. <i>Physical Review D</i> , 2010, 82, .	4.7	26
160	Measurement of the $Z \rightarrow \tau^+ \tau^-$ cross section with the ATLAS detector. <i>Physical Review D</i> , 2011, 84, .	4.7	26
161	Search for Pair Production of a New $b \rightarrow c$ Quark that Decays into a Z Boson and a Bottom Quark with the ATLAS Detector. <i>Physical Review Letters</i> , 2012, 109, 071801.	7.8	26
162	Search for anomalous production of prompt like-sign muon pairs and constraints on physics beyond the standard model with the ATLAS detector. <i>Physical Review D</i> , 2012, 85, .	4.7	26

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163	Search for $b \rightarrow u$ transitions in $B^0 \rightarrow D^0 K^0$ and $D^0 \rightarrow K^0$ decays. Physical Review D, 2010, 82, .	4.7	25
164	A search for $\Lambda(1520)$ 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.	3.9	25
165	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.	3.9	25
166	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.	4.1	25
167	Measurement of the $W \rightarrow b\bar{c}$ branching fraction with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 369-390.	7.8	24
168	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.	4.7	24
169	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.	4.1	24
170	Measurement of the $B^0 \rightarrow D^0 K^0$ branching fraction with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	24
171	Search for CP violation in the decay $D^0 \rightarrow K^0 \pi^0$. Physical Review D, 2011, 83, .	4.7	23
172	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.	4.1	23
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180	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.	3.9	22

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181	Search for new phenomena in the final state in pp collisions at $\sqrt{s}=7$ TeV proton-proton collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2011, 106, 121803.	4.1	21
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218	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, .	4.7	12
219	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.	7.8	12
220	Search for resonant WZ production in the $WZ \rightarrow \ell\ell\gamma$ channel in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	12
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