

Rena Ciftci

List of Publications by Year in descending order

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Version: 2024-02-01

405
papers

33,777
citations

3933

88
h-index

5394

164
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408
all docs

408
docs citations

408
times ranked

11913
citing authors

#	ARTICLE	IF	CITATIONS
1	General structure of democratic mass matrix of lepton sector in E6 model. Canadian Journal of Physics, 2018, 96, 834-836.	1.1	1
2	E_{6} predicted isosinglet quarkonium formation. Canadian Journal of Physics, 2018, 96, 831-833.	1.1	0
3	Centrality, rapidity, and transverse momentum dependence of isolated prompt photon production in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV measured with the ATLAS detector. Physical Review C, 2016, 93, .	2.9	36
4	General structure of democratic mass matrix of quark sector in E6 model. AIP Conference Proceedings, 2016, . .	0.4	2
5	Addendum to $t\bar{t}$ production cross-section using b -tagged jets in pp collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 1.	3.9	19
6	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 199.	3.9	60
7	Observation and measurement of Higgs boson decays to WZ at the ATLAS detector. Physical Review D, 2015, 92, 112004.	4.7	110
8	Observation of top-quark pair production in association with a photon and measurement of the $t\bar{t}\gamma$ cross section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2015, 92, 112005.	4.7	36
9	Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 761, 376-395.	2.76	16
10	Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	28
11	Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at $\sqrt{s} = 7$ TeV in the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	40
12	Search for new phenomena in events with three or more charged leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	20
13	Centrality and rapidity dependence of inclusive jet production in pp collisions at $\sqrt{s} = 2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 761, 396-411.	4.1	93
14	Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	42
15	Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	116
16	Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	17
17	Search for $W' \rightarrow t\bar{t}$ decays in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 165.	3.9	35
18	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.	3.9	17

#	ARTICLE	IF	CITATIONS
19	Search for s-channel single top-quark production in protonâ€‘proton collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 118-136.	4.1	57
20	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. European Physical Journal C, 2015, 75, 23.	3.9	41
21	Search for the production and other hidden-beauty states in the $\sqrt{s}=7$ and 8 TeV proton collisions at a centre-of-mass energy of $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 199-217.	4.1	20
22	Search for pair-produced long-lived neutral particles decaying to jets in the ATLAS hadronic calorimeter in pp collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 118-136.	4.1	48
23	Search for new phenomena in the dijet mass distribution using collision data at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. Physical Review D, 2015, 91, 072002.	4.1	44
24	Search for Higgs Boson Pair Production in the 4ℓ Final State Using pp Collision Data at $\sqrt{s}=7$ and 8 TeV from the ATLAS Detector. Physical Review Letters, 2015, 114, 081802.	7.8	98
25	Search for invisible particles produced in association with single-top-quarks in protonâ€‘proton collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 79.	4.7	227
26	Simultaneous measurements of the production cross sections of W bosons in association with jets in the ATLAS detector. Physical Review D, 2015, 91, 072002.	7.8	135
27	Measurements of Higgs boson production and couplings in the four-lepton channel in $\sqrt{s}=7$ and 8 TeV proton collisions at a centre-of-mass energy of $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. Physical Review D, 2015, 91, 072002.	4.7	158
28	Production of W bosons in association with jets in the ATLAS detector. Physical Review D, 2015, 91, 072002.	4.7	71
29	Measurement of the transverse polarization of W bosons in association with jets in the ATLAS detector. Physical Review D, 2015, 91, 072002.	4.7	16
30	Production of W bosons in association with jets in the ATLAS detector. Physical Review D, 2015, 91, 072002.	7.8	64
31	Measurement of the transverse polarization of W bosons in association with jets in the ATLAS detector. Physical Review D, 2015, 91, 072002.	4.7	18
32	jet energy measurement and its systematic uncertainty in protonâ€‘proton collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 17.	3.9	268
33	Search for invisible particles produced in association with single-top-quarks in protonâ€‘proton collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 79.	3.9	30
34	Search for resonant diboson production in the $q\bar{q}\gamma\gamma$ final state in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	3.9	74
35	Measurements of the W production cross sections in association with jets with the ATLAS detector. European Physical Journal C, 2015, 75, 82.	3.9	92

#	ARTICLE	IF	CITATIONS
37	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.	3.9	77
38	Measurement of the $t\bar{t}$ production cross-section as a function of jet multiplicity and jet transverse momentum in 7 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
39	Measurement of the $WW + WZ$ cross section and limits on anomalous triple gauge couplings using final states with one lepton, missing transverse momentum, and two jets with the ATLAS detector at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	27
40	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.	4.7	33
41	Search for the $b\bar{b}$ 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.	4.7	89
42	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.	4.7	35
43	Search for anomalous production of prompt same-sign lepton pairs and pair-produced doubly charged Higgs bosons with $\sqrt{s} = 8$ TeV pp collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
44	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \tau^-$, $H \rightarrow \tau^+ \tau^- \nu_\tau$ in fully hadronic final states using pp collision data at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	69
45	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 120.	3.9	62
46	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.	3.9	23
47	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.	3.9	70
48	Two-particle Bose-Einstein correlations in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV measured with the ATLAS detector. European Physical Journal C, 2015, 75, 466.	3.9	42
49	Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	82
50	Measurement of the total cross section from elastic scattering in pp collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector. Nuclear Physics B, 2014, 889, 486-548.	2.5	155
51	Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton-proton collision data. European Physical Journal C, 2014, 74, 3130.	3.9	213
52	A neural network clustering algorithm for the ATLAS silicon pixel detector. Journal of Instrumentation, 2014, 9, P09009-P09009.	1.2	45
53	Measurement of Higgs boson production in the diphoton decay channel in pp collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. Physical Review D, 2014, 90, 012002.	4.7	214
54	Comprehensive measurements of $t\bar{t}$ -channel single top-quark production cross sections at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector. Physical Review D, 2014, 90, .	4.7	68

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55	Measurements of spin correlation in top-antitop quark events from proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physical Review D, 2014, 90, .	4.7	31
56	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.	3.9	40
57	A measurement of the ratio of the production cross sections for WW and ZZ bosons in association with jets with the ATLAS detector. European Physical Journal C, 2014, 74, 3168.	3.9	23
58	Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at $\sqrt{s} = 8$ TeV with ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	45
59	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb^{-1} of $\sqrt{s} = 8$ TeV proton-proton collision data with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	12
60	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using $\sqrt{s} = 8$ TeV proton-proton collision data. Journal of High Energy Physics, 2014, 2014, 1.	4.7	128
61	Search for nonpointing and delayed photons in the diphoton and missing transverse momentum final state in 8 TeV collisions at the LHC using the ATLAS detector. Physical Review D, 2014, 90, .	4.7	41
62	Measurement of the $t\bar{t}$ production cross-section using $e\bar{e}$ events with b -tagged jets in pp collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3109.	3.9	143
63	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, 2014, 738, 434-435.	4.1	11
64	Search for the Standard Model Higgs boson decay to $\tau\tau$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 434-435.	4.1	11
65	Fiducial and differential cross sections of Higgs boson production measured in the four-lepton decay channel 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, 434-435.	4.1	11
66	Search for new resonances in WZ and $Z\gamma$ final states 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, 434-435.	4.1	58
67	Measurement of inclusive jet charged-particle fragmentation functions in $Pb+Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 320-342.	4.1	121
68	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. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 320-342.	2.9	24
69	Search for Quantum Black Hole Production in High-Invariant-Mass Collisions at the ATLAS Detector. Physical Review Letters, 2014, 113, 251801.	7.8	35
70	Measurements of Four-Lepton Production at the ATLAS Detector. Physical Review Letters, 2014, 113, 251801.	4.7	237
71	Resonance in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2014, 113, 251801.	7.8	51
72	Search for Quantum Black Hole Production in High-Invariant-Mass Collisions at the ATLAS Detector. Physical Review Letters, 2014, 113, 251801.	7.8	51

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73	Measurements of normalized differential cross sections for W collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review Letters, 2014, 112, 041802.	7.8	123
74	Search for dark matter in events with a Z boson and missing transverse momentum in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review Letters, 2014, 112, 041802.	4.7	71
75	Search for Invisible Decays of a Higgs Boson Produced in Association with a Z Boson in ATLAS. Physical Review Letters, 2014, 112, .	7.8	130
76	Search for a multi-Higgs-boson cascade in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2014, 89, .	4.7	15
77	Search for the lepton flavor violating decay $B \rightarrow e\tau$ with the ATLAS detector. Physical Review D, 2014, 89, .	4.7	26
78	Search for Dark Matter in Events with a Hadronically Decaying Z Boson and Missing Transverse Momentum in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2014, 112, 041802.	7.8	129
79	Measurement of long-range pseudorapidity correlations and azimuthal harmonics in pp collisions with the ATLAS detector. Physical Review C, 2014, 90, .	2.9	111
80	Observation of an Excited B_c State with the ATLAS Detector. Physical Review Letters, 2014, 113, 212004.	7.8	112
81	Measurement of event-plane correlations in pp collisions with the ATLAS detector. Physical Review C, 2014, 90, 044907.	4.7	134
82	Search for supersymmetry in events with four or more leptons in pp collisions with the ATLAS detector. Physical Review D, 2014, 90, .	4.7	126
83	Measurement of the Higgs boson mass from the $H \rightarrow ZZ$ decay channel with the ATLAS detector. Physical Review Letters, 2014, 112, 041802.	7.8	129
84	Measurement of the Higgs boson mass from the $H \rightarrow ZZ$ decay channel with the ATLAS detector. Physical Review Letters, 2014, 112, 041802.	7.8	129
85	Search for Dark Matter in Events with a Hadronically Decaying Z Boson and Missing Transverse Momentum in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2014, 112, 041802.	7.8	129
86	Measurement of long-range pseudorapidity correlations and azimuthal harmonics in pp collisions with the ATLAS detector. Physical Review C, 2014, 90, .	2.9	111
87	Observation of an Excited B_c State with the ATLAS Detector. Physical Review Letters, 2014, 113, 212004.	7.8	112
88	Measurement of event-plane correlations in pp collisions with the ATLAS detector. Physical Review C, 2014, 90, 044907.	4.7	134
89	Search for supersymmetry in events with four or more leptons in pp collisions with the ATLAS detector. Physical Review D, 2014, 90, .	4.7	126
90	Measurement of the Higgs boson mass from the $H \rightarrow ZZ$ decay channel with the ATLAS detector. Physical Review Letters, 2014, 112, 041802.	7.8	129

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91	Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	66
92	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.	3.9	58
93	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. European Physical Journal C, 2014, 74, 1.	3.9	172
94	Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3134.	3.9	48
95	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3157.	3.9	68
96	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.	3.9	46
97	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. Journal of High Energy Physics, 2014, 2014, 1.	4.7	41
98	Measurement of the production cross-section of $\tilde{\chi}^0(2S) \rightarrow \tilde{\chi}^0 + \tilde{\chi}^{\pm} + \tilde{\chi}^{\mp}$ in pp collisions at $\sqrt{s} = 7$ TeV at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	21
99	Measurement of the $Z/\tilde{\chi}^0$ boson transverse momentum distribution in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	131
100	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.	4.7	38
101	Measurement of differential production cross-sections for a Z boson in association with b-jets in 7 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	45
102	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.	4.7	35
103	Search for Higgs boson decays to a photon and a Z boson in pp collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2014, 722, 8-27.	4.7	27
104	Measurement of the top quark pair production charge asymmetry in proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	42
105	Search for the direct production of charginos, neutralinos and staus in final states with at least two hadronically decaying taus and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.1	8
106	Search for the direct production of charginos, neutralinos and staus in final states with at least two hadronically decaying taus and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	40
107	The differential production cross section of the $\phi(1020)$ meson in $\sqrt{s} = 7$ TeV pp collisions measured with the ATLAS detector. European Physical Journal C, 2014, 74, 2895.	3.9	13
108	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data. European Physical Journal C, 2014, 74, 2941.	3.9	204

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109	Measurement of the underlying event in jet events from 7 TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 1.	3.9	23
110	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.	3.9	22
111	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.	3.9	77
112	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.	4.7	22
113	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.	4.7	88
114	Measurement of the production cross section of prompt J/ψ mesons in association with a W^{\pm} boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
115	Measurement of dijet cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	36
116	Measurement of the production of a W boson in association with a charm quark in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	59
117	Search for direct production of charginos, neutralinos and sleptons in final states with two leptons and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	145
118	Search for top quark decays $t \rightarrow qH$ with $H \rightarrow \tau\tau$ using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, .	4.7	35
119	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.	4.7	45
120	Measurement of the low-mass Drell-Yan differential cross section at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
121	Search for direct top-quark pair production in final states with two leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	59
122	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.	4.7	32
123	Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	10
124	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.	4.7	45
125	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.	3.9	55
126	Search for new phenomena in photon + jet events collected in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 562-578.		

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127	Operation and performance of the ATLAS semiconductor tracker. Journal of Instrumentation, 2014, 9, P08009-P08009.	1.2	25
128	Standalone vertex finding in the ATLAS muon spectrometer. Journal of Instrumentation, 2014, 9, P02001-P02001.	1.2	15
129	Monitoring and data quality assessment of the ATLAS liquid argon calorimeter. Journal of Instrumentation, 2014, 9, P07024-P07024.	1.2	16
130	Measurement of the production cross section of jets in association with a Z boson in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	73
131	Measurement of the cross-section for W boson production in association with b-jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	53
132	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.	4.7	32
133	Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	137
134	Measurement of ZZ production in pp collisions at $\sqrt{s}=7$ TeV and limits on anomalous ZZZ and ZZ $\tilde{\chi}^0$ couplings with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	61
135	Search for charged Higgs bosons through the violation of lepton universality in t events using pp collision data at $\sqrt{s}=7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2013, 2013, 1.	4.7	19
136	Search for the neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	52
137	Measurement of k T splitting scales in $W\tilde{\chi}^0$ events at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	3.9	19
138	Search for a light charged Higgs boson in the decay channel $H^{\pm} \rightarrow c\bar{s}$ in t events using pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2465. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll"></mml:math></mml:math> Yan lepton pairs to probe boson transverse momentum at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	3.9	119
139	A search for high-mass resonances decaying to $W\tilde{\chi}^0$ in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 422-430.	4.1	21
140	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 Particle and High-Energy Physics, 2013, 725, 223-242.	4.1	67
141	Search for heavy long-lived sleptons and R-hadrons 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, 720, 277-308.	4.1	67
142	Measurement of the high-mass differential cross-section in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 223-242.	4.1	67
143	Searches for heavy long-lived sleptons and R-hadrons 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, 720, 277-308.	4.1	67
144	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.	4.1	307

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145	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.	4.1	295
146	Search for resonances in the lepton plus jets final state with ATLAS using $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	39
147	Search for direct third-generation squark pair production in final states with missing transverse momentum and two b-jets in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	102
148	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.	4.7	71
149	Measurement of the differential cross-section of B + meson production in pp collisions at $\sqrt{s}=7$ TeV at ATLAS. Journal of High Energy Physics, 2013, 2013, 1.	4.7	31
150	Performance of jet substructure techniques for large-R jets in proton-proton collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	52
151	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
152	Measurement of the inclusive jet cross-section in pp collisions at $\sqrt{s}=2.76$ TeV and comparison to the inclusive jet cross-section at $\sqrt{s}=7$ TeV using the ATLAS detector. European Physical Journal C, 2013, 73, 2509.	3.9	105
153	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.	3.9	34

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#	ARTICLE	IF	CITATIONS
163	Search for single $b\bar{b}$ production with the ATLAS detector at $\sqrt{s}=7$ TeV in pp collisions at a centre-of-mass energy of 7 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 220-241.	4.1	11
164	Measurement of the jet radius and transverse momentum dependence of inclusive jet suppression in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-21.	4.1	195
165	Search for light top squark pair production in final states with leptons and b-jets with the ATLAS detector in pp collisions at a centre-of-mass energy of 7 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-21.	4.1	7
166	Dynamics of isolated-photon plus jet production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Nuclear Physics B, 2013, 875, 483-535.	2.5	33
167	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. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 261-279.	4.1	169
168	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. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 261-279.	4.1	6
169	Search for prompt lepton-jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 299-317.	4.1	40
170	Search for prompt lepton-jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 299-317.	4.1	28
171	Search for a heavy narrow resonance decaying to $B_s^0 \ell^+ \ell^-$ or $B_s^0 \mu^+ \mu^-$ 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, 719, 280-298.	4.1	44
172	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.	3.9	61
173	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.	3.9	45
174	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum 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, 841-859.	4.1	24
175	Search for new phenomena in the pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 841-859.	4.1	24
176	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
177	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
178	Measurement of the flavour composition of dijet events in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 1.	3.9	15
179	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
180	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

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181	Jet energy resolution in proton-proton collisions at $\sqrt{s}=7$ TeV recorded in 2010 with the ATLAS detector. European Physical Journal C, 2013, 73, 2306.	3.9	209
182	Measurement of the $\sigma_{t\bar{t}}$ production cross section in the tau + jets channel using the ATLAS detector. European Physical Journal C, 2013, 73, 2328.	3.9	45
183	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, 2013, 111, 232002.	7.8	57
184	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.	2.9	23
185	Measurement of hard double-parton interactions in $W(\rightarrow \tau^+\tau^-)$ + 2-jet events at $\sqrt{s}=7$ TeV with the ATLAS detector. New Journal of Physics, 2013, 15, 033038.	2.9	147
186	Search for WH production with a light Higgs boson decaying to prompt electron-jets in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. New Journal of Physics, 2013, 15, 043009.	2.9	15
187	Search for extra dimensions in diphoton events from proton-proton collisions at $\sqrt{s}=7, 8$ TeV in the ATLAS detector at the LHC. New Journal of Physics, 2013, 15, 043007.	2.9	41
188	Search for resonant diboson production in the WW/WZ decay channels with the ATLAS detector at $\sqrt{s}=7, 8$ TeV. Physical Review D, 2013, 87, .	4.7	18
189	Observation of Associated Near-Side and Away-Side Long-Range Correlations in pp collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2013, 111, 232002.	7.8	112
190	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using pp collisions at $\sqrt{s}=7, 8$ TeV. Physical Review D, 2013, 87, .	4.7	112
191	Measurement of ϵ production in pp collisions at ATLAS. Physical Review D, 2013, 87, .	4.7	78
192	Search for nonpointing photons in the diphoton and pp collisions at ATLAS. Physical Review D, 2013, 87, .	4.7	16
193	Measurement of ϵ production in pp collisions at ATLAS. Physical Review D, 2013, 87, .	7.8	105
194	Search for long-lived stopped R -hadrons decaying out of time with pp collisions using the ATLAS detector. Physical Review D, 2013, 88, .	4.7	57
195	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.	4.7	35
196	Measurement of charged-particle event shape variables in inclusive $(s)=7$ TeV proton-proton interactions with the ATLAS detector. Physical Review D, 2013, 88, .	4.7	12
197	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.	7.8	63
198	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.	4.7	76

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199	Measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:msubsup} > < \text{mml:mi} > \hat{b} < / \text{mml:mi} > < \text{mml:mi} > b < / \text{mml:mi} > < \text{mml:m} > 0 < / \text{mml:m} > < / \text{mml:msubsup} > < / \text{mml:math} > $ lifetime and mass in the ATLAS experiment. Physical Review D, 2013, 87, .	4.7	14
200	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, .	4.7	14
201	Search for new phenomena in events with three charged leptons at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:msqrt} > < \text{mml:mi} > s < / \text{mml:mi} > < / \text{mml:msqrt} > < \text{mml:mo} > = < / \text{mml:mo} > < \text{mml:m} > 7 < / \text{mml:m} > < / \text{mml:mtext} > $ at the ATLAS detector. Physical Review D, 2013, 87, .	4.7	14
202	Measurements of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:mi} > W < / \text{mml:mi} > < \text{mml:mi} > f_3 < / \text{mml:mi} > < / \text{mml:math} > $ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:mi} > Z < / \text{mml:mi} > < \text{mml:mi} > \hat{f}_3 < / \text{mml:mi} > < / \text{mml:math} > $ production in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:mi} > p < / \text{mml:mi} > < \text{mml:mi} > p < / \text{mml:mi} > < / \text{mml:math} > $ collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:mi} > \sqrt{s} < / \text{mml:mi} > < / \text{mml:mtext} > $ at the ATLAS detector. Physical Review D, 2013, 87, .	4.7	60
203	Measurement of the Azimuthal Angle Dependence of Inclusive Jet Yields in Pb+Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS Detector. Physical Review Letters, 2013, 111, 152301.	7.8	59
204	Characterisation and mitigation of beam-induced backgrounds observed in the ATLAS detector during the 2011 proton-proton run. Journal of Instrumentation, 2013, 8, P07004-P07004.	1.2	59
205	Triggers for displaced decays of long-lived neutral particles in the ATLAS detector. Journal of Instrumentation, 2013, 8, P07015-P07015.	1.2	48
206	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
207	Measurement of the azimuthal ordering of charged hadrons with the ATLAS detector. Physical Review D, 2012, 86, .	4.7	3
208	Search for resonant top quark plus jet production in $\hat{t}\bar{t}$ + jet events with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2012, 86, .	4.7	16
209	Search for a Supersymmetric Partner to the Top Quark in Final States with Jets and Missing Transverse Momentum at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:msqrt} > < \text{mml:mi} > s < / \text{mml:mi} > < / \text{mml:msqrt} > < \text{mml:mo} > = < / \text{mml:mo} > < \text{mml:m} > 7 < / \text{mml:m} > < / \text{mml:mtext} > $ at the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	7.8	63
210	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.	7.8	61
211	ATLAS measurements of the properties of jets for boosted particle searches. Physical Review D, 2012, 86, .	4.7	21
212	Search for New Phenomena in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:mi} > t < / \text{mml:mi} > < \text{mml:mover accent="true"} > < \text{mml:mi} > t < / \text{mml:mi} > < \text{mml:mo} > \hat{A}^- < / \text{mml:mo} > < / \text{mml:mover} > < / \text{mml:math} > $ Events with Large Missing Transverse Momentum in Proton-Proton Collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:msqrt} > < \text{mml:mi} > s < / \text{mml:mi} > < / \text{mml:msqrt} > < \text{mml:mo} > = < / \text{mml:mo} > < \text{mml:m} > 7 < / \text{mml:m} > < / \text{mml:mtext} > $ at the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	7.8	46
213	Search for a W Boson and a $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:msqrt} > < \text{mml:mi} > s < / \text{mml:mi} > < / \text{mml:msqrt} > < \text{mml:mo} > = < / \text{mml:mo} > < \text{mml:m} > 7 < / \text{mml:m} > < / \text{mml:mtext} > $ at the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	7.8	31
214	Observation of Spin Correlation in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:mi} > t < / \text{mml:mi} > < \text{mml:mover accent="true"} > < \text{mml:mi} > t < / \text{mml:mi} > < \text{mml:mo} > \hat{A}^- < / \text{mml:mo} > < / \text{mml:mover} > < / \text{mml:math} > $ Events from $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:mi} > p < / \text{mml:mi} > < \text{mml:mi} > p < / \text{mml:mi} > < / \text{mml:math} > $ Collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:msqrt} > < \text{mml:mi} > s < / \text{mml:mi} > < / \text{mml:msqrt} > < \text{mml:mo} > = < / \text{mml:mo} > < \text{mml:m} > 7 < / \text{mml:m} > < / \text{mml:mtext} > $ at the ATLAS detector. Physical Review D, 2012, 86, .	7.8	80
215	Observation of a New $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:m} > 1 < / \text{mml:m} > < \text{mml:mi} > S < / \text{mml:mi} > < \text{mml:mo} > T_j < / \text{mml:mo} > < / \text{mml:mtext} > $ State in Radiative Transitions to $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:mi} > \hat{f}_3 < / \text{mml:mi} > < / \text{mml:mtext} > $ at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:mi} > \sqrt{s} < / \text{mml:mi} > < / \text{mml:mtext} > $ at the ATLAS detector. Physical Review D, 2012, 86, .	4.7	135
216	Search for a W Boson and a $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:msqrt} > < \text{mml:mi} > s < / \text{mml:mi} > < / \text{mml:msqrt} > < \text{mml:mo} > = < / \text{mml:mo} > < \text{mml:m} > 7 < / \text{mml:m} > < / \text{mml:mtext} > $ at the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	7.8	90

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218	Search for Resonances in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 109, 081801.	7.8	33
219	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
220	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.	7.8	26
221	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
222	Search for the Higgs Boson in the $H \rightarrow ZZ$ Decay Channel in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 111802.	7.8	35
223	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.	7.8	61
224	Further search for supersymmetry at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2012, 86, .	4.7	12
225	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, .	4.7	26
226	Measurement of the production cross section of W bosons in jets from pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 041804.	4.7	23
227	Search for production of W bosons in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 109, 012001.	7.8	117
228	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
229	Measurement of the W boson 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
230	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
231	Search for production of W bosons in the two-lepton channel at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 109, 032001.	4.7	23
232	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.	7.8	40
233	Search for production of W boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 109, 032001.	4.7	47
234	Search for resonant WZ production in the WZ channel in $(s) = 7$ TeV pp collisions with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	12

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236	A study of the material in the ATLAS inner detector using secondary hadronic interactions. Journal of Instrumentation, 2012, 7, P01013-P01013.	1.2	23
237	Measurement of the cross section for top-quark pair production in pp collisions at $\sqrt{s} = 7, \text{TeV}$ with the ATLAS detector using final states with two high-p T leptons. Journal of High Energy Physics, 2012, 2012, 1.	4.7	45
238	Jet mass and substructure of inclusive jets in $\sqrt{s} = 7, \text{TeV}$ pp collisions with the ATLAS experiment. Journal of High Energy Physics, 2012, 2012, 1.	4.7	88
239	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.	4.7	12
240	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in 4.7 fb^{-1} of $\sqrt{s} = 7, \text{TeV}$ proton-proton collisions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	53
241	A search for $\overline{t}t$ resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	40
242	Search for the Standard Model Higgs boson in the $H \rightarrow \tau^+\tau^-$, $H \rightarrow \tau\nu$ decay mode in $\sqrt{s} = 7, \text{TeV}$ pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	43
243	A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at $\sqrt{s} = 7, \text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	34
244	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	15
245	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
246	Search for high-mass resonances decaying to dilepton final states in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	54
247	Search for anomalous production of prompt like-sign lepton pairs at $\sqrt{s} = 7, \text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	17
248	Time-dependent angular analysis of the decay $B_s^0 \rightarrow J/\psi \phi$ and extraction of $\arg(\tau/B_s)$ and the CP-violating weak phase $\arg(\tau/B_s)$ by ATLAS. Journal of High Energy Physics, 2012, 2012, .	4.7	23
249	Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $\sqrt{s} = 7, \text{TeV}$ pp collisions at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	48
250	Search for R-parity-violating supersymmetry in events with four or more leptons in $\sqrt{s} = 7, \text{TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	13
251	Search for excited leptons in proton-proton collisions at $\sqrt{s} = 7, \text{TeV}$ with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	14
252	Measurement of the isolated diphoton cross section in $\sqrt{s} = 7, \text{TeV}$ pp collisions at $\sqrt{s} = 7, \text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	41

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253	Measurement of the production cross section for $Z \rightarrow \tau\tau$ 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, .	4.7	24
254	Search for the Standard Model Higgs boson in the diphoton decay channel with $Z \rightarrow \tau\tau$ 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, .	4.7	31
255	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, .	4.7	30
256	Search for the Standard Model Higgs boson in the diphoton decay channel with $Z \rightarrow \tau\tau$ 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, .	4.7	37
257	Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in pp collisions using 13.1 fb $^{-1}$ of ATLAS data. Physical Review D, 2012, 85, .	7.8	171
258	Measurement of the b-hadron production cross section using decays to D final states in pp collisions at $\sqrt{s} = 7$ TeV in final states with missing transverse momentum and b-jets with the ATLAS detector. Nuclear Physics B, 2012, 864, 341-381.	12.6	74
259	Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in pp collisions using 13.1 fb $^{-1}$ of ATLAS data. Physical Review D, 2012, 85, .	4.7	57
260	Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in pp collisions using 13.1 fb $^{-1}$ of ATLAS data. Physical Review D, 2012, 85, .	4.1	12
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265	Search for TeV-scale gravity signatures in final states with leptons and jets with the ATLAS detector at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 180-196.	4.1	14
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294	Search for Magnetic Monopoles in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>= </mml:mo><mml:mn>7 </mml:mn></mml:math> collisions with the ATLAS	4.7	57
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302	Search for a heavy Standard Model Higgs boson in the channel <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>1, </mml:mi><mml:msub><mml:mi>1/2</mml:mi></mml:msub><mml:mo>= </mml:mo><mml:mn>7 </mml:mn></mml:math>	4.1	16
303	Measurement of the cross-section for the production of a W boson in association with b-jets in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>= </mml:mo><mml:mn>7 </mml:mn></mml:math> collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy	4.1	20
304	Measurement of the cross-section for the production of a W boson in association with b-jets in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>= </mml:mo><mml:mn>7 </mml:mn></mml:math> collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy	4.1	20
305	Measurements of the electron and muon inclusive cross-sections in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>= </mml:mo><mml:mn>7 </mml:mn></mml:math> collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy	4.1	20
306	Measurements of the electron and muon inclusive cross-sections in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>= </mml:mo><mml:mn>7 </mml:mn></mml:math> collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 438-458.	4.1	20

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378	Search for high-mass states with one lepton plus missing transverse momentum in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 1-19.	4.1	21

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