

Rena Ciftci

List of Publications by Year in descending order

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Version: 2024-02-01

405
papers

33,777
citations

3930

88
h-index

5384

164
g-index

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.	0.4	1
2	E_{6} predicted isosinglet quarkonium formation. Canadian Journal of Physics, 2018, 96, 831-833.	0.4	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, 054907.	1.1	36
4	General structure of democratic mass matrix of quark sector in E6 model. AIP Conference Proceedings, 2016, 1687, 020001.	0.3	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.	1.4	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.	1.4	60
7	Observation and measurement of Higgs boson decays to W^+W^- at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2015, 115, 231801.	1.6	110
8	Observation of top-quark pair production in association with a photon and measurement of the $t\bar{t}\gamma$ production cross section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2015, 115, 231802.	1.6	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, 176-195.	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.	1.6	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.	1.6	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.	1.6	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, 176-195.	1.5	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.	1.6	42
15	Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	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.	1.6	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.	1.4	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.	1.4	17

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19	Search for s -channel single top-quark production in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 118-136.	1.5	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.	1.4	41
21	Search for the production and other hidden-beauty states in the Υ family in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 199-217.	1.5	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.	1.5	48
23	Search for W boson production in association with jets in the lepton plus jets final state in proton-proton collisions at a centre-of-mass energy of $\sqrt{s}=8$ TeV with the ATLAS detector. Physical Review Letters, 2015, 114, 081802.	1.5	44
24	Search for Higgs Boson Pair Production in the $bb\bar{b}\bar{b}$ Final State Using pp Collision Data at $\sqrt{s}=8$ TeV from the ATLAS Detector. Physical Review Letters, 2015, 114, 081802.	2.9	98
25	Search for new phenomena in the dijet mass distribution using collision data at $\sqrt{s}=8$ TeV with the ATLAS detector. Physical Review D, 2015, 91, 034005.	1.6	227
26	Search for W boson production in association with jets in the lepton plus jets final state in proton-proton collisions at a centre-of-mass energy of $\sqrt{s}=8$ TeV with the ATLAS detector. Physical Review D, 2015, 91, 034005.	2.9	135
27	Measurements of Higgs boson production and couplings in the four-lepton channel in pp collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. Physical Review D, 2015, 91, 034005.	1.6	158
28	Simultaneous measurements of the W boson production cross sections in association with jets in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physical Review D, 2015, 91, 034005.	1.6	71
29	Production of W bosons in association with jets in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physical Review D, 2015, 91, 034005.	1.6	16
30	Measurement of the transverse polarization of W bosons in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physical Review D, 2015, 91, 034005.	2.9	64
31	Measurement of the W boson production cross sections in association with jets in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physical Review D, 2015, 91, 034005.	1.6	18
32	jet energy measurement and its systematic uncertainty in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 17.	1.4	268
33	Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 79.	1.4	30
34	Search for resonant diboson production in the $q\bar{q}$ final state in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	1.4	74
35	Measurements of the W production cross sections in association with jets with the ATLAS detector. European Physical Journal C, 2015, 75, 82.	1.4	92

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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.	1.4	77
38	Measurement of the $t\bar{t}\hat{A}^-$ production cross-section as a function of jet multiplicity and jet transverse momentum in 7 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
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.	1.6	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.	1.6	33
41	Search for the $b\bar{b}\hat{A}^-$ decay of the Standard Model Higgs boson in associated $(W/Z)H$ production with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	89
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.	1.6	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.	1.6	60
44	Search for charged Higgs bosons decaying via $H \hat{A}^\pm \hat{A}^\mp \hat{I}, \hat{A}^\pm \hat{I}^{1/2}$ 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.	1.6	69
45	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 120.	1.4	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.	1.4	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.	1.4	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.	1.4	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.	1.6	82
50	Measurement of the total cross section from elastic scattering in pp collisions at $\sqrt{s} = 0.9$ TeV with the ATLAS detector. Nuclear Physics B, 2014, 889, 486-548.	0.9	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.	1.4	213
52	A neural network clustering algorithm for the ATLAS silicon pixel detector. Journal of Instrumentation, 2014, 9, P09009-P09009.	0.5	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, Comprehensive measurements of $t\bar{t}$ production cross sections	1.6	214
54	Comprehensive measurements of $t\bar{t}$ production cross sections at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector. Physical Review D, 2014, 90, .	1.6	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, .	1.6	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.	1.4	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.	1.4	23
58	Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at $s = 8$ TeV with ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45
59	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb^{-1} of $s = 8$ TeV proton-proton collision data with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	12
60	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using $s = 8$ TeV proton-proton collision data. Journal of High Energy Physics, 2014, 2014, 1.	1.6	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, .	1.6	41
62	Measurement of the $t\bar{t}$ production cross-section using $e\bar{\nu}_e$ events with b -tagged jets in pp collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3109.	1.4	143
63	Search for WZ resonances in the fully leptonic channel using pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 434-435.	1.5	58
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.	1.5	58
65	Fiducial and differential cross sections of Higgs boson production measured in the four-lepton decay channel in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 434-435.	1.5	11
66	Search for new resonances in $W\ell$ and $Z\ell$ final states in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 434-435.	1.5	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.	1.5	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.	1.2	24
69	Search for Quantum Black Hole Production in High-Invariant-Mass Collisions at the ATLAS Detector. Physical Review Letters, 2014, 113, 251801.	2.9	35
70	Measurements of Four-Lepton Production at the ATLAS Detector. Physical Review Letters, 2014, 113, 251801.	1.6	237
71	Resonance in Z Collisions at the ATLAS Detector. Physical Review Letters, 2014, 113, 251801.	2.9	51
72	Search for Quantum Black Hole Production in High-Invariant-Mass Collisions at the ATLAS Detector. Physical Review Letters, 2014, 113, 251801.	2.9	35

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73	Measurements of normalized differential cross sections for W collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. Physical Review Letters, 2014, 112, 041802.	2.9	123
74	Search for dark matter in events with a Z boson and missing transverse momentum in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. Physical Review Letters, 2014, 112, 041802.	1.6	71
75	Search for Invisible Decays of a Higgs Boson Produced in Association with a Z Boson in ATLAS. Physical Review Letters, 2014, 112, .	2.9	130
76	Search for a multi-Higgs-boson cascade in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. Physical Review D, 2014, 89, .	1.6	58
77	Search for the lepton flavor violating decay $B \rightarrow c \tau \nu$ with the ATLAS detector. Physical Review Letters, 2014, 113, 212004.	1.6	15
78	Search for Dark Matter in Events with a Hadronically Decaying Z Boson and Missing Transverse Momentum in pp Collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS Detector. Physical Review Letters, 2014, 112, 041802.	2.9	129
79	Measurement of long-range pseudorapidity correlations and azimuthal harmonics in pp collisions with the ATLAS detector. Physical Review C, 2014, 90, .	1.1	111
80	Observation of an Excited B_c State with the ATLAS Detector. Physical Review Letters, 2014, 113, 212004.	1.6	12
81	Measurement of event-plane correlations in pp collisions with the ATLAS detector. Physical Review C, 2014, 90, .	1.6	134
82	Search for supersymmetry in events with four or more leptons in pp collisions with the ATLAS detector. Physical Review D, 2014, 90, .	1.6	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.	1.6	176
84	Search for Dark Matter in Events with a Hadronically Decaying Z Boson and Missing Transverse Momentum in pp Collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS Detector. Physical Review Letters, 2014, 112, 041802.	2.9	129
85	Measurement of long-range pseudorapidity correlations and azimuthal harmonics in pp collisions with the ATLAS detector. Physical Review C, 2014, 90, .	1.1	111
86	Observation of an Excited B_c State with the ATLAS Detector. Physical Review Letters, 2014, 113, 212004.	1.6	12
87	Measurement of event-plane correlations in pp collisions with the ATLAS detector. Physical Review C, 2014, 90, .	1.6	134
88	Search for supersymmetry in events with four or more leptons in pp collisions with the ATLAS detector. Physical Review D, 2014, 90, .	1.6	126
89	Measurement of the Higgs boson mass from the $H \rightarrow ZZ$ decay channel with the ATLAS detector. Physical Review Letters, 2014, 112, 041802.	1.6	176
90	Search for Dark Matter in Events with a Hadronically Decaying Z Boson and Missing Transverse Momentum in pp Collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS Detector. Physical Review Letters, 2014, 112, 041802.	2.9	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.	1.6	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.	1.4	58
93	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. European Physical Journal C, 2014, 74, 1.	1.4	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.	1.4	48
95	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3157.	1.4	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.	1.4	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.	1.6	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.	1.6	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.	1.6	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.	1.6	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.	1.6	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.	1.6	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.	1.6	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.	1.6	42
105	Search for pair 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.	1.5	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.	1.6	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.	1.4	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.	1.4	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.	1.4	23
110	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 2982.	1.4	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.	1.4	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.	1.6	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.	1.6	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.	1.6	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.	1.6	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.	1.6	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.	1.6	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, .	1.6	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.	1.6	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.	1.6	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.	1.6	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.	1.6	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.	1.6	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.	1.6	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.	1.4	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.	1.6	15

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127	Operation and performance of the ATLAS semiconductor tracker. Journal of Instrumentation, 2014, 9, P08009-P08009.	0.5	25
128	Standalone vertex finding in the ATLAS muon spectrometer. Journal of Instrumentation, 2014, 9, P02001-P02001.	0.5	15
129	Monitoring and data quality assessment of the ATLAS liquid argon calorimeter. Journal of Instrumentation, 2014, 9, P07024-P07024.	0.5	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.	1.6	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.	1.6	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.	1.6	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.	1.6	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.	1.6	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.	1.6	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.	1.6	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.	1.4	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 A search for high-mass resonances decaying to 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.	1.4	119
139	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, 719, 422-430.	1.3	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, 719, 422-430.	1.3	21
141	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, 719, 422-430.	1.3	21
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.	1.5	67
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323	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
324	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

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325	Measurement of the WW cross section in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Search for new particles decaying to ZZ using final states with leptons and jets with the ATLAS detector in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 351-369.	1.5	40
326	Search for new particles decaying to ZZ using final states with leptons and jets with the ATLAS detector in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 351-369.	1.5	16
327	Search for new particles decaying to ZZ using final states with leptons and jets with the ATLAS detector in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 351-369.	1.5	15
328	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
329	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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343	Measurement of the differential cross sections of inclusive, prompt and non-prompt $\mu\mu$ pairs 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, 705, 28-46.	0.9	163
344	Search for heavy long-lived charged particles with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 294-312.	1.5	41
345	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, 2011, 705, 28-46.	1.5	21
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347	Search for the Standard Model Higgs boson in the decay channel $Z\gamma$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 294-312.	1.5	57
348	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, 294-312.	1.5	22
349	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, 294-312.	1.5	49
350	Measurement of inclusive jet and dijet cross sections in proton-proton collisions at $\sqrt{s}=7$ TeV centre-of-mass energy with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	114
351	Measurement of the top quark-pair production cross section with ATLAS in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	146
352	Studies of the performance of the ATLAS detector using cosmic-ray muons. European Physical Journal C, 2011, 71, 1.	1.4	17
353	Luminosity determination in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	179
354	Measurements of underlying-event properties using neutral and charged particles in pp collisions at $\sqrt{s}=900$ GeV and $\sqrt{s}=7$ TeV with the ATLAS detector at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	31
355	Search for an excess of events with an identical flavour lepton pair and significant missing transverse momentum in $\sqrt{s}=7$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	18
356	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.	1.4	41
357	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

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362	Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy. European Physical Journal C, 2011, 71, 1.	1.4	60
363	Measurement of the jet fragmentation function and transverse profile in proton-proton collisions at a center-of-mass energy of 7 TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	56
364	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
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369	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
370	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	65
371	Search for quark contact interactions in dijet angular distributions in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 364-375.	1.5	107
372	Measurement of the centrality dependence 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, 364-375.	1.5	107
373	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, 353-370.	1.5	28
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377	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.	1.5	21
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.	1.5	21

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380	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.	1.2	116
381	Charged-particle multiplicities in pp interactions measured with the ATLAS detector at the LHC. New Journal of Physics, 2011, 13, 053033.	1.2	314
382	Measurement of the inelastic proton-proton cross-section at $\sqrt{s}=7$ TeV with the ATLAS detector. Nature Communications, 2011, 2, 463.	5.8	160
383	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, 2011, 107, 231801.	2.9	23
384	Search for a Heavy Particle Decaying into an Electron and a Muon with the ATLAS Detector in pp Collisions at the LHC. Physical Review Letters, 2011, 107, 231802.	2.9	15
385	Search for a Heavy Particle Decaying into an Electron and a Muon with the ATLAS Detector in pp Collisions at the LHC. Physical Review Letters, 2011, 107, 231802.	2.9	136
386	Search for Dilepton Resonances in pp Collisions at the LHC. Physical Review Letters, 2011, 107, 272002.	2.9	81
387	Search for a Heavy Particle Decaying into an Electron and a Muon with the ATLAS Detector in pp Collisions at the LHC. Physical Review Letters, 2011, 107, 272002.	2.9	61
388	Search for a Standard Model Higgs Boson in the $H \rightarrow ZZ$ Decay Channel with the ATLAS Detector. Physical Review Letters, 2011, 107, 221802.	2.9	29
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390	Possible single resonant production of the fourth-generation charged leptons at e^+e^- colliders. Europhysics Letters, 2010, 90, 41001.	0.7	6
391	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 723-753.	1.4	61
392	The ATLAS Inner Detector commissioning and calibration. European Physical Journal C, 2010, 70, 787-821.	1.4	95
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394	Commissioning of the ATLAS Muon Spectrometer with Cosmic Rays. European Physical Journal C, 2010, 70, 875-916.	1.4	23
395	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	1.4	1,187
396	Readiness of the ATLAS Tile Calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 1193-1236.	1.4	121

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398	Charged-particle multiplicities in pp interactions at $\sqrt{s} = 900$ GeV measured with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 21-42.	1.5	113
399	Search for New Particles in Two-Jet Final States in 7 TeV Proton-Proton Collisions with the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 161801.	2.9	113
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401	Anomalous single production of the fourth generation neutrino at future ep colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 534-538.	1.5	4
402	Anomalous single production of the fourth generation quarks at the CERN LHC. Physical Review D, 2008, 78, .	1.6	10
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