

Roberto Perrino

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5155082/publications.pdf>

Version: 2024-02-01

519
papers

36,380
citations

3933

88
h-index

4774

169
g-index

523
all docs

523
docs citations

523
times ranked

13133
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the Charge-Averaged Elastic Lepton-Proton Scattering Cross Section by the OLYMPUS Experiment. Physical Review Letters, 2021, 126, 162501.	7.8	8
2	Characterization of the LUNA neutron detector array for the measurement of the $^{13}\text{C}(\alpha, n)^{12}\text{C}$ reaction. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 952, 162501.	1.6	21
3	Direct Measurement of the $^{13}\text{C}(\alpha, n)^{12}\text{C}$ Reaction. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 952, 162501.	2.9	13
4	The large area hybrid optics CLAS12 RICH: Assembling, commissioning and first data-taking. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 952, 161844.	7.8	40
5	New test beam results of 3D and pad detectors constructed with poly-crystalline CVD diamond. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162675.	1.6	5
6	A Study of the Radiation Tolerance of CVD Diamond to 70 MeV Protons, Fast Neutrons and 200 MeV Pions. Sensors, 2020, 20, 6648.	3.8	10
7	The baryon density of the Universe from an improved rate of deuterium burning. Nature, 2020, 587, 210-213.	27.8	101
8	A flexible and efficient microscopic simulation of multiple GEM chamber based on Garfield++. Journal of Physics: Conference Series, 2020, 1498, 012009.	0.4	1
9	Underground experimental study finds no evidence of low-energy resonance in the $^{13}\text{C}(\alpha, n)^{12}\text{C}$ reaction. Physical Review C, 2020, 102, .	2.9	13
10	The CLAS12 Ring Imaging Cherenkov detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 964, 163791.	1.6	13
11	A new approach to monitor ^{13}C -targets degradation in situ for $^{13}\text{C}(\alpha, n)^{12}\text{C}$ reaction. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 956, 1.	2.5	20
12	Time resolution of a scintillator-photodetector assembly. European Physical Journal Plus, 2020, 135, 1.	2.6	0
13	Setup commissioning for an improved measurement of the $\text{D}(p, \gamma)^3\text{He}$ cross section at Big Bang Nucleosynthesis energies. European Physical Journal A, 2020, 56, 1.	2.5	22
14	Diamond detector technology, status and perspectives. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 924, 297-300.	1.6	9
15	Results on radiation tolerance of diamond detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 924, 241-244.	1.6	8
16	Direct measurements of low-energy resonance strengths of the $^{23}\text{Na}(p, \gamma)^{24}\text{Mg}$ reaction for astrophysics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 122-128.	4.1	23
17	A study of the radiation tolerance of poly-crystalline and single-crystalline CVD diamond to 800 MeV and 24 GeV protons. Journal Physics D: Applied Physics, 2019, 52, 465103.	2.8	11

#	ARTICLE	IF	CITATIONS
37	A 3D diamond detector for particle tracking. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 402-405.	1.6	9
38	Observation of top-quark pair production in association with a photon and measurement of the 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, 2015, 751, 176-195.	4.7	36
39	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
40	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
41	Search for W to $t\bar{t}$ decays in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 165.	3.9	35
42	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
43	Diamond detector time resolution for large angle tracks. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 796, 38-41.	1.6	0
44	Search for s-channel single top-quark production in proton-lead collisions at $\sqrt{s}=2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 392-413.	4.1	57
45	Search for s-channel single top-quark production in proton-lead collisions at $\sqrt{s}=2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 118-136.	4.1	1
46	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
47	Search for the production of hidden-beauty states in the pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 199-217.	4.1	20
48	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, 199-217.	4.1	48
49	Search for W boson decaying to $b\bar{c}$ in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 199-217.	4.1	44
50	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.	7.8	98
51	Search for new phenomena in the dijet mass distribution using pp collision data at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2015, 91, .	4.7	227

#	ARTICLE	IF	CITATIONS
55	Measurements of the Nuclear Modification Factor for jets in $Pb-Pb$ collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. Physical Review D, 2015, 91, 014004.	7.8	135
56	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, 014005.	4.7	158
57	Search for resonant diboson production in the pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	4.7	16
58	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.	3.9	268
59	Search for resonant diboson production in the pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	3.9	74
60	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
61	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
62	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
63	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
64	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
65	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
66	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
67	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 120.	3.9	62
68	Measurement of three-jet production cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector. European Physical Journal C, 2015, 75, 228.	3.9	23
69	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
70	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
71	Time and charge characterization of Hamamatsu Photonics silicon photomultipliers. EPJ Web of Conferences, 2014, 66, 11028.	0.3	2
72	Coincidence resolution time of two small scintillators coupled to high quantum-efficiency photomultipliers in a PET-like system. EPJ Web of Conferences, 2014, 66, 10010.	0.3	3

#	ARTICLE	IF	CITATIONS
73	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
74	Measurement of the total cross section from elastic scattering in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Nuclear Physics B, 2014, 889, 486-548.	2.5	155
75	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
76	A neural network clustering algorithm for the ATLAS silicon pixel detector. Journal of Instrumentation, 2014, 9, P09009-P09009.	1.2	45
77	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.	4.7	214
78	Comprehensive measurements of top-antitop quark production cross sections in the ATLAS detector. Physical Review D, 2014, 90.	4.7	68
79	Measurements of spin correlation in top-antitop quark events from proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2014, 90.	4.7	31
80	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
81	A measurement of the ratio of the production cross sections for WW and WZ bosons in association with jets with the ATLAS detector. European Physical Journal C, 2014, 74, 3168.	3.9	23
82	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
83	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
84	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
85	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
86	Measurement of the tt production cross-section using dilepton 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
87	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, 68-96.	4.1	11
88	Search for the Standard Model Higgs boson decay to $\mu\mu$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 68-96.	4.1	58
89	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, 234-253.	4.1	58

#	ARTICLE	IF	CITATIONS
91	Search for new resonances in W^+W^- and Z^0 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, 739, 320-342.	4.7	121
92	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
93	Search for Quantum Black Hole Production in High-Invariant-Mass Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2014, 112, 111801.	7.8	35
94	Measurements of Four-Lepton Production at the ATLAS Detector. Physical Review Letters, 2014, 112, 111801.	4.7	237
95	Resonance in W^+W^- Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2014, 112, 111801.	7.8	51
96	Measurements of normalized differential cross sections for W^+W^- collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2014, 112, 111801.	7.8	123
97	Measurements of normalized differential cross sections for W^+W^- collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2014, 112, 111801.	4.7	71
98	Search for dark matter in events with a W^+W^- pair and missing transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2014, 112, 111801.	4.7	90
99	Search for dark matter in events with a W^+W^- pair and missing transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2014, 112, 111801.	7.8	168
100	Search for Invisible Decays of a Higgs Boson Produced in Association with a W^+W^- Pair in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2014, 112, 111801.	7.8	130
101	Search for a multi-Higgs-boson cascade in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2014, 89, 092001.	4.7	58
102	Search for a multi-Higgs-boson cascade in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2014, 89, 092001.	4.7	15
103	Search for the lepton flavor violating decay $W^+ \rightarrow e^+ \tau^+ \nu_\tau$ with the ATLAS detector. Physical Review Letters, 2014, 112, 111801.	4.7	26
104	Search for the lepton flavor violating decay $W^+ \rightarrow e^+ \tau^+ \nu_\tau$ with the ATLAS detector. Physical Review Letters, 2014, 112, 111801.	4.7	52
105	Study of heavy-flavor quarks produced in association with top-quark pairs at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physical Review D, 2014, 89, 092001.	4.7	12
106	Measurement of the Higgs boson mass from the W^+W^- decay channel in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2014, 112, 111801.	4.7	176
107	Measurement of the Higgs boson mass from the W^+W^- decay channel in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2014, 112, 111801.		
108	Measurement of the Higgs boson mass from the W^+W^- decay channel in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2014, 112, 111801.		

#	ARTICLE	IF	CITATIONS
109	Search for Dark Matter in Events with a Hadronically Decaying W Boson and Missing Transverse Momentum in pp Collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector. Physical Review Letters, 2014, 112, 041802.	7.8	129
110	Measurement of long-range pseudorapidity correlations and azimuthal harmonics in $NN = 5.02$ TeV proton-lead collisions with the ATLAS detector. Physical Review C, 2014, 90, .	2.9	111
111	Observation of an Excited B_c State with the ATLAS Detector. Physical Review Letters, 2014, 113, 212004.	2.9	134
112	Measurement of event-plane correlations in lead-lead collisions with the ATLAS detector. Physical Review C, 2014, 90, .	2.9	134
113	Search for supersymmetric scenarios in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2014, 90, .	4.7	126
114	Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in pp collisions with the ATLAS detector. Physical Review D, 2014, 90, .	4.7	48
115	Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	66
116	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton collisions at $\sqrt{s} = 7$ TeV in 2010. European Physical Journal C, 2014, 74, 3034.	3.9	58
117	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. European Physical Journal C, 2014, 74, 1.	3.9	172
118	Search for contact interactions and large extra dimensions in the dilepton channel using proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3134.	3.9	48
119	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
120	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
121	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
122	Measurement of the production cross-section of $\tilde{t}(2S) \rightarrow J/\psi (\tilde{t} \rightarrow \frac{1}{2} \tilde{t} + \frac{1}{2} \tilde{t}^*) \rightarrow \ell \bar{\ell}$ in pp collisions at $\sqrt{s} = 7$ TeV at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	21
123	Measurement of the Z/\tilde{t}^* 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
124	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
125	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
126	Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	47

#	ARTICLE	IF	CITATIONS
127	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 $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
128	Search for Higgs boson decays to a photon and a Z boson in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 732, 8-27.	4.7	42
129	The OLYMPUS experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 741, 1-17.	1.6	31
130	Measurement of the top quark pair production charge asymmetry in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	42
131	Measurement of the mass difference between top and anti-top quarks in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.1	8
132	The large-area hybrid-optics CLAS12 RICH detector: Tests of innovative components. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 766, 22-27.	1.6	14
133	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 $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	40
134	The differential production cross section of the $\phi(1020)$ meson in $\sqrt{s} = 7 \text{ TeV}$ pp collisions measured with the ATLAS detector. European Physical Journal C, 2014, 74, 2895.	3.9	13
135	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
136	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
137	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2014, 74, 2982.	3.9	22
138	Light-quark and gluon jet discrimination in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2014, 74, 3023.	3.9	77
139	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 $\sqrt{s} = 8 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	22
140	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $\sqrt{s} = 8 \text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	88
141	Measurement of the production cross section of prompt J/ψ mesons in association with a W^{\pm} boson in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
142	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
143	Measurement of the production of a W boson in association with a charm quark in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	59
144	Search for direct production of charginos, neutralinos and sleptons in final states with two leptons and missing transverse momentum in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	145

#	ARTICLE	IF	CITATIONS
145	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
146	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
147	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
148	Search for direct top-squark 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
149	Measurement of $t\bar{t}$ $c1$ and $t\bar{t}$ $c2$ production with $\sqrt{s} = 7$ TeV pp collisions at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	32
150	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
151	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
152	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
153	Search for new phenomena in photon + jet events collected in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2014, 728, 562-578.		
154	Operation and performance of the ATLAS semiconductor tracker. Journal of Instrumentation, 2014, 9, P08009-P08009.	1.2	25
155	Standalone vertex finding in the ATLAS muon spectrometer. Journal of Instrumentation, 2014, 9, P02001-P02001.	1.2	15
156	Test of the GEM Front Tracker for the SBS Spectrometer at Jefferson Lab. EPJ Web of Conferences, 2014, 72, 00015.	0.3	0
157	Monitoring and data quality assessment of the ATLAS liquid argon calorimeter. Journal of Instrumentation, 2014, 9, P07024-P07024.	1.2	16
158	Test of the GEM front tracker for the SBS spectrometer at Jefferson lab. Nuclear Technology and Radiation Protection, 2014, 29, 20-24.	0.8	0
159	Minimum Ionizing Particle Timing with Grazing Diamond. Acta Physica Polonica B, Proceedings Supplement, 2014, 7, 665.	0.1	0
160	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
161	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
162	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

#	ARTICLE	IF	CITATIONS
163	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
164	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
165	Search for charged Higgs bosons through the violation of lepton universality in $t\bar{t}$ events using pp collision data at $\sqrt{s}=7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2013, 2013, 1.	4.7	19
166	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
167	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
168	Search for a light charged Higgs boson in the decay channel $H^{\pm} \rightarrow c\bar{s}$ in $t\bar{t}$ events using pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2465.	3.9	119
169	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, 442-460.	4.1	21
170	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, 442-460.	4.1	21
171	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, 442-460.	4.1	21
172	Measurement of the high-mass Drellian-Yan 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
173	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
174	Laser induced nano-graphite electrical contacts on synthetic polycrystalline CVD diamond for nuclear radiation detection. Diamond and Related Materials, 2013, 38, 32-35.	3.9	16
175	Excimer laser-induced diamond graphitization for high-energy nuclear applications. Applied Physics B: Lasers and Optics, 2013, 113, 373-378.	2.2	4
176	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
177	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
178	Search for resonances in the lepton plus jets final state with ATLAS using $t\bar{t}$ events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 120-144.	4.7	39
179	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
180	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

#	ARTICLE	IF	CITATIONS
181	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
182	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
183	Improved luminosity determination in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2518.	3.9	362
184	Measurement of the inclusive jet cross-section in pp collisions at $\sqrt{s}=2.76 \text{ TeV}$ and comparison to the inclusive jet cross-section at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2013, 73, 2509.	3.9	105
185	Multi-channel search for squarks and gluinos in $\sqrt{s}=7 \text{ TeV}$ pp collisions with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2362.	3.9	34

186

#	ARTICLE	IF	CITATIONS
199	Dynamics of isolated-photon plus jet production in pp collisions at $\sqrt{s} = 7$ TeV. Nuclear Physics B, 2013, 875, 483-535.	2.5	33
200	Production status of the JLAB Hall-A GEM and Si Tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 403-403.	1.6	3
201	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, 718, 299-317.	4.1	169
202	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
203	New developments at INFN-LNS on TOF PET based on SiPM detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 702, 10-12.	1.6	4
204	A 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	14
205	Search for a heavy narrow resonance decaying to e^+e^- or $\mu^+\mu^-$ with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 879-901.	1.6	8
206	POPEM: A PET-TOF endorectal probe, compatible with MRI for diagnosis and follow up of prostate cancer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 702, 13-15.	4.1	14
207	Search for long-lived, heavy particles in final states with a muon and multi-track displaced vertex 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, 280-298.	1.6	8
208	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.	4.1	44
209	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
210	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
211	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 841-859.	4.1	24
212	Search for new phenomena in the final state in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 860-876.	4.1	37
213	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
214	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
215	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

#	ARTICLE	IF	CITATIONS
217	Measurement of the σ production cross section in the tau + jets channel using the ATLAS detector. European Physical Journal C, 2013, 73, 2328.	3.9	45
218	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
219	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
220	Measurement of hard double-parton interactions in W + 2-jet events at $\sqrt{s}=7$ TeV with the ATLAS detector. New Journal of Physics, 2013, 15, 033038.	2.9	147
221	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
222	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
223	Search for resonant diboson production in the WW/WZ decay channels with the ATLAS detector at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 87, .	4.7	18
224	Observation of Associated Near-Side and Away-Side Long-Range Correlations in pp Collisions with the ATLAS Detector. Physical Review Letters, 2013, 110, 182302.	4.7	112
225	Measurement of χ production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	78
226	Search for Dark Matter Candidates and Large Extra Dimensions in Events with a Photon and Missing Transverse Momentum in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review D, 2013, 87, .	4.7	16
227	Search for long-lived stopped charm quarks in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	57
228	Search for contact interactions and large extra dimensions in dilepton events from pp collisions using the ATLAS detector. Physical Review D, 2013, 87, .	4.7	35
229	Measurement of charged-particle event shape variables in inclusive pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 88, .	4.7	12
230	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
231	Measurement of W boson production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	76
232	Measurement of the W boson production cross section in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	24
233	Measurement of the W boson production cross section in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	24
234	Measurement of the W boson production cross section in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	24

#	ARTICLE	IF	CITATIONS
235	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
236	Search for new phenomena in events with three charged leptons at $\sqrt{s} < 7 \text{ TeV}$ with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	14
237	Search for $Z\tilde{\chi}^0_1$ production in $\sqrt{s} < 7 \text{ TeV}$ collisions at the ATLAS detector. Physical Review Letters, 2013, 111, 152301.	4.7	60
238	Measurement of the Azimuthal Angle Dependence of Inclusive Jet Yields in $\sqrt{s} = 2.76 \text{ TeV}$ collisions with the ATLAS Detector. Physical Review Letters, 2013, 111, 152301.	7.8	59
239	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
240	Triggers for displaced decays of long-lived neutral particles in the ATLAS detector. Journal of Instrumentation, 2013, 8, P07015-P07015.	1.2	48
241	Search for Gluinos in Events with Two Same-Sign Leptons, Jets, and Missing Transverse Momentum with the ATLAS Detector in $\sqrt{s} = 7 \text{ TeV}$ collisions. Physical Review Letters, 2012, 108, 241802.	7.8	37
242	Measurement of the azimuthal ordering of charged hadrons with the ATLAS detector. Physical Review D, 2012, 86, .	4.7	3
243	Search for resonant top quark plus jet production in $\sqrt{s} = 7 \text{ TeV}$ collisions with the ATLAS detector. Physical Review D, 2012, 86, .	4.7	16
244	Search for a Supersymmetric Partner to the Top Quark in Final States with Jets and Missing Transverse Momentum at $\sqrt{s} < 7 \text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	7.8	63
245	Search for Scalar Bottom Quark Pair Production with the ATLAS Detector in $\sqrt{s} = 7 \text{ TeV}$ collisions. Physical Review Letters, 2012, 108, 181802.	7.8	61
246	ATLAS measurements of the properties of jets for boosted particle searches. Physical Review D, 2012, 86, .	4.7	21
247	Search for New Phenomena in $\sqrt{s} < 7 \text{ TeV}$ Events with Large Missing Transverse Momentum in Proton-Proton Collisions at the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	7.8	46
248	Search for Pair Production of a Heavy Up-Type Quark Decaying to a b Quark and a W Boson and a b Quark in the $\sqrt{s} < 7 \text{ TeV}$ collisions with the ATLAS detector. Physical Review Letters, 2012, 109, 211802.	7.8	31
249	Search for $t\bar{t}$ Events from $p\bar{p}$ Collisions at $\sqrt{s} < 7 \text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	7.8	80
250	Measurement of inclusive jet and dijet production in $\sqrt{s} = 7 \text{ TeV}$ collisions using the ATLAS detector. Physical Review D, 2012, 86, .	4.7	135
251	Measurement of the production cross section of an isolated photon associated with jets in proton-proton collisions at $\sqrt{s} < 7 \text{ TeV}$ with the ATLAS detector. Physical Review D, 2012, 85, .	7.8	90
252	Search for $Z\tilde{\chi}^0_1$ production in $\sqrt{s} < 7 \text{ TeV}$ collisions with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	45

#	ARTICLE	IF	CITATIONS
253	Search for $\text{t}\bar{\text{t}}\text{b}$ Resonances in Proton-Proton Collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 109, 081801.	7.8	33
254	Underlying event characteristics and their dependence on jet size of charged-particle jet events in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physical Review D, 2012, 86, .	4.7	12
255	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, 108, 071801.	7.8	26
256	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
257	Search for the Higgs Boson in the $H\rightarrow W^+W^-\gamma^*\rightarrow l^+\gamma^*l^-\gamma^*\rightarrow l^+l^-\gamma^*\gamma^*$ Decay Channel in pp Collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 108, 111802.	7.8	35
258	Search for a Light Higgs Boson Decaying to Long-Lived Weakly Interacting Particles in Proton-Proton Collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 108, 251801.	7.8	61
259	Further Search for Supersymmetry at $\sqrt{s}=7\text{ TeV}$ in Events with Two Leptons and Two Jets in the Final States with Jets, Missing Transverse Momentum, and Isolated Leptons with the ATLAS Detector. Physical Review D, 2012, 86, .	4.7	42
260	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
261	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	23
262	Determination of the Strange-Quark Density of the Proton from ATLAS Measurements of the W and Z Production Cross Sections in pp Collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 108, 041804.	7.8	117
263	Search for Anomalous Production of W Bosons in pp Collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 108, 261804.	2.9	15
264	Search for Production of Resonant States in the Photon-Jet Mass Distribution Using pp Collisions at $\sqrt{s}=7\text{ TeV}$ Collected by the ATLAS Detector. Physical Review Letters, 2012, 108, 211802.	7.8	12
265	Measurement of the Z Production Cross Section and Limits on Anomalous Neutral Triple Gauge Couplings in Proton-Proton Collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 108, 041804.	7.8	33
266	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
267	Search for Anomalous Production of W Bosons in pp Collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 108, 261804.	4.7	23
268	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
269	Search for Anomalous Production of W Bosons in pp Collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 108, 261804.	4.7	47
270	Search for resonant WZ production in the $WZ\rightarrow l^+\gamma^*l^-\gamma^*\rightarrow l^+l^-\gamma^*\gamma^*$ channel in $(s)=7\text{ TeV}$ pp collisions with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	12

#	ARTICLE	IF	CITATIONS
271	GEM tracker for high luminosity experiments at the JLab Hall A. Journal of Instrumentation, 2012, 7, C05013-C05013.	1.2	10
272	A study of the material in the ATLAS inner detector using secondary hadronic interactions. Journal of Instrumentation, 2012, 7, P01013-P01013.	1.2	23
273	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
274	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
275	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
276	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
277	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
278	Search for the Standard Model Higgs boson in the $H \rightarrow \tau^+ \tau^-$, $\tau^+ \tau^- \nu \bar{\nu}$ decay mode in $\sqrt{s} = 7, \text{TeV}$ pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	43
279	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
280	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
281	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
282	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
283	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
284	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
285	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
286	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
287	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
288	Measurement of the isolated diphoton cross section in pp collisions at $\sqrt{s} = 7, \text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	41

#	ARTICLE	IF	CITATIONS
289	Measurement of the production cross section for $Z\tau^+\tau^-$ production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2012, 85, 072004.	4.7	24
290	Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2012, 85, 072005.	4.7	31
291	Measurement of the transverse momentum distribution of $Z\tau^+\tau^-$ production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2012, 85, 072006.	4.7	30
292	Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2012, 85, 072007.	4.7	37
293	A Particle Consistent with the Higgs Boson Observed with the ATLAS Detector at the Large Hadron Collider. <i>Science</i> , 2012, 338, 1576-1582.	12.6	74
294	Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in pp collisions using 1 fb ⁻¹ of ATLAS data. <i>Physical Review D</i> , 2012, 85, 072008.	4.7	57
295	Measurement of the b -hadron production cross section using decays to D^0 final states in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Nuclear Physics B</i> , 2012, 864, 341-381.	2.5	31
296	Search for the decay $Z \rightarrow \tau^+\tau^-$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 713, 387-407.	4.1	59
297	Search for events with large missing transverse momentum, jets, and at least two tau leptons in 7 TeV proton-proton collision data with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 714, 180-196.	4.1	12
298	Search for supersymmetry with jets, missing transverse momentum and at least one hadronically decaying \tilde{l} , lepton in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 714, 197-214.	4.1	6
299	Search for the Standard Model Higgs boson in the pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 716, 1-29.	4.1	17
300	Search for the Standard Model Higgs boson in the pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 716, 1-29.	4.1	17
301	Evidence for the associated production of a W boson and a Z boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 716, 142-150.	4.1	17
302	Observation of a new particle in the search for the Standard Model Higgs boson with the ATLAS detector at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 716, 1-29.	4.1	6,386
303	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	248
304	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	100
305	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	13
306	Measurement of $Z\tau^+\tau^-$ production with a veto on additional central jet activity in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2012, 72, 2043.	3.9	109

#	ARTICLE	IF	CITATIONS
307	A search for $\text{Star}\{t\}$ resonances with the ATLAS detector in 2.05 fb^{-1} of proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2012, 72, 2083.	3.9	25
308	Search for second generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	37
309	Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	16
310	Measurement of $W \hat{\pm} Z$ production in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	59
311	Search for top and bottom squarks from gluino pair production in final states with missing transverse energy and at least three b-jets with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	25
312	Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2012, 72, 1.	3.9	22
313	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	13
314	Search for light scalar top-quark pair production in final states with two leptons with the ATLAS detector in $\sqrt{s} = 7 \text{ TeV}$ proton-proton collisions. European Physical Journal C, 2012, 72, 1.	3.9	31
315	ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2012, 72, 1.	3.9	36

316

#	ARTICLE	IF	CITATIONS
325	Search for Direct Top Squark Pair Production in Final States with One Isolated Lepton, Jets, and Missing Transverse Momentum in $\sqrt{s}=7\text{ TeV}$ pp Collisions Using 4.7 fb ⁻¹ of ATLAS Data. <i>Physical Review Letters</i> , 2012, 109, 211803.	4.7	75
326	Combined search for the Standard Model Higgs boson in $pp \rightarrow \gamma\gamma$ collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>Physical Review Letters</i> , 2012, 109, 261803.	4.7	109
327	Search for same-sign top-quark production and fourth-generation down-type quarks in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	57
328	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+\tau^-$ in $t\bar{t}$ events using pp collision data at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	230
329	Measurement of the W boson polarization in top quark decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	3.9	259
330	Search for same-sign top-quark production and fourth-generation down-type quarks in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	36
331	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+\tau^-$ in $t\bar{t}$ events using pp collision data at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	126
332	Measurement of the W boson polarization in top quark decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	57
333	Forward-backward correlations and charged-particle azimuthal distributions in pp interactions using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	29
334	Search for a heavy Standard Model Higgs boson in the channel $pp \rightarrow \gamma\gamma$. <i>Physical Review Letters</i> , 2012, 109, 261803.	4.1	16
335	Measurement of the cross-section for b-jets produced in association with a Z boson at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 706, 295-313.	4.1	20
336	Measurement of the cross-section for the production of a W boson in association with b-jets in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 706, 295-313.	4.1	20
337	Measurements of the electron and muon inclusive cross-sections in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 706, 436-456.	4.1	20
338	Measurement of the top-antitop pair production cross section in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 707, 478-496.	4.1	231
339	Measurement of the pseudorapidity and transverse momentum dependence of the elliptic flow of charged particles in lead-lead collisions at $\sqrt{s}=2.76\text{ TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 707, 478-496.	4.1	39
340	Search for new physics in the dijet mass distribution using 1 fb ⁻¹ of pp collision data at $\sqrt{s}=7\text{ TeV}$ collected by the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 708, 37-54.	4.1	39
342	Search for new physics in the dijet mass distribution using 1 fb ⁻¹ of pp collision data at $\sqrt{s}=7\text{ TeV}$ collected by the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 708, 37-54.	4.1	39

#	ARTICLE	IF	CITATIONS
343	Measurement of the ratio of the W and Z cross sections with exactly one associated jet in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 49-66.	4.1	8
344	Search for supersymmetry with the ATLAS detector using final states with two leptons and missing transverse momentum in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 363-382.	4.1	58
345	Search for first generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 363-382.	4.1	109
346	Combined search for the Standard Model Higgs boson using up to 4.9 fb ⁻¹ of pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 49-66.	4.1	21
347	Search for strong gravity signatures in same-sign dimuon final states using the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 322-340.	4.1	17
348	Search for squarks and gluinos using final states with jets and missing transverse momentum 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, 710, 538-556.	4.1	36
349	Measurement of the W boson production cross section and limits on anomalous triple gauge couplings in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 22-39.	4.1	21
350	Search for heavy vector-like quarks coupling to light quarks in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 22-39.	4.1	21
351	Measurement of the top quark pair production cross-section with ATLAS in the single lepton channel. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 244-263.	4.1	69
352	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 538-556.	4.1	36
353	Search for extra dimensions using diphoton events in 7 TeV proton-proton collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 538-556.	4.1	36
354	Search for heavy vector-like quarks coupling to light quarks in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 22-39.	4.1	21
355	Measurement of the top quark pair production cross-section with ATLAS in the single lepton channel. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 244-263.	4.1	69
356	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 538-556.	4.1	36
357	Measurement of the W boson production cross section and limits on anomalous triple gauge couplings in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 22-39.	4.1	21
358	Search for heavy vector-like quarks coupling to light quarks in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 22-39.	4.1	21
359	Search for decays of stopped, long-lived particles from 7 TeV pp collisions with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	15
360	Measurement of the polarisation of W bosons produced with large transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS experiment. European Physical Journal C, 2012, 72, 1.	3.9	36

#	ARTICLE	IF	CITATIONS
---	---------	----	-----------

361			
-----	--	--	--

#	ARTICLE	IF	CITATIONS
379	Search for new phenomena with the monojet and missing transverse momentum signature using the ATLAS detector in $\sqrt{s} < 7 \text{ TeV}$ proton collisions. Physics Letters B, 2011, 705, 294-312.	4.1	22
380	Measurement of the transverse momentum distribution of Higgs bosons in proton collisions at the LHC. Physics Letters B, 2011, 705, 452-470.	4.1	23
381	Search for the Standard Model Higgs boson in the two photon decay channel with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 452-470.	4.1	23
382	Measurement of the inclusive isolated prompt photon cross-section in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. Physics Letters B, 2011, 705, 452-470.	4.1	49
383	Measurement of inclusive jet and dijet cross sections in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ centre-of-mass energy with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	114
384	Measurement of the top quark-pair production cross section with ATLAS in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2011, 71, 1.	3.9	146
385	Studies of the performance of the ATLAS detector using cosmic-ray muons. European Physical Journal C, 2011, 71, 1.	3.9	17
386	Luminosity determination in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	179
387	Measurements of underlying-event properties using neutral and charged particles in pp collisions at $\sqrt{s} = 900 \text{ GeV}$ and $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	31
388	Search for an excess of events with an identical flavour lepton pair and significant missing transverse momentum in $\sqrt{s} = 7 \text{ TeV}$ proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	18
389	Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $\sqrt{s} = 7 \text{ TeV}$ proton collisions with the ATLAS experiment. European Physical Journal C, 2011, 71, 1.	3.9	41
390	Limits on the production of the standard model Higgs boson in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	40
391	Search for diphoton events with large missing transverse energy with 36 fb^{-1} of 7 TeV proton collision data with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	15
392	Measurement of multi-jet cross sections in proton collisions at a 7 TeV center-of-mass energy. European Physical Journal C, 2011, 71, 1.	3.9	60
393	Measurement of the jet fragmentation function and transverse profile in proton collisions at a center-of-mass energy of 7 TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	56
394	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.	3.9	14
395	Search for massive colored scalars in four-jet final states in $\sqrt{s} = 7 \text{ TeV}$ proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	39

#	ARTICLE	IF	CITATIONS
397	Measurement of the inclusive and dijet cross-sections of b-jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	73
398	Measurement of dijet production with a veto on additional central jet activity in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	4.7	46
399	Measurement of $W^{\pm 3}$ and $Z^{\pm 3}$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	4.7	11
400	Inclusive search for same-sign dilepton signatures in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	4.7	33
401	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.	4.7	65
402	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, 694, 327-345.	4.1	107
403	Measurement of the production cross section for W-bosons in association with jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 325-345.	4.1	28
404	Search for massive long-lived highly ionising particles with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 353-370.	4.1	32
405	Search for high mass dilepton resonances in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 1-19.	4.1	52
406	Search for stable hadronising squarks and gluinos with the ATLAS experiment at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 1-19.	4.1	38
407	Measurement of the W charge asymmetry in the $W \rightarrow \mu \nu$ decay mode in pp 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
408	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 1-19.	4.1	126
409	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 1-19.	4.1	54
410	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 1-19.	4.1	54
411	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.	2.9	116
412	Charged-particle multiplicities in pp interactions measured with the ATLAS detector at the LHC. New Journal of Physics, 2011, 13, 053033.	2.9	314
413	Measurement of the inelastic proton-proton cross-section at $\sqrt{s} = 7$ TeV with the ATLAS detector. Nature Communications, 2011, 2, 463.	12.8	160

#	ARTICLE	IF	CITATIONS
415	Search for the Higgs Boson in the $W \rightarrow ZZ \rightarrow 4\ell$ Decay Channel in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 107, 231801.	7.8	23
416	Search for a Heavy Particle Decaying into an Electron and a Muon with the ATLAS Detector in $\sqrt{s} = 7$ TeV pp Collisions at the LHC. Physical Review Letters, 2011, 107, 231802.	7.8	15
417	Search for Dilepton Resonances in pp Collisions at the LHC. Physical Review Letters, 2011, 107, 272002.	7.8	136
418	Search for Dilepton Resonances in pp Collisions at the LHC. Physical Review Letters, 2011, 107, 272002.	7.8	81
419	Search for a Standard Model Higgs Boson in the $W \rightarrow ZZ \rightarrow 4\ell$ Decay Channel with the ATLAS Detector. Physical Review Letters, 2011, 106, 172002.	7.8	61
420	Time and DOI resolution measurements of minidetectors for a PET-TOF prostate probe. , 2011, , .		3
421	Search for a Standard Model Higgs Boson in the $W \rightarrow ZZ \rightarrow 4\ell$ Decay Channel with the ATLAS Detector. Physical Review Letters, 2011, 107, 221802.	7.8	29
422	Search for Diphoton Events with Large Missing Transverse Energy in 7 TeV Proton-Proton Collisions with the ATLAS Detector. Physical Review Letters, 2011, 106, 121803.	7.8	19
423	Hybrid silicon strip and GEM tracker for JLab hall-a high luminosity experiments. , 2011, , .		0
424	The electronic system for a TOF PET prostate probe. , 2011, , .		0
425	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 723-753.	3.9	61
426	The ATLAS Inner Detector commissioning and calibration. European Physical Journal C, 2010, 70, 787-821.	3.9	95
427	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. European Physical Journal C, 2010, 70, 755-785.	3.9	51
428	Commissioning of the ATLAS Muon Spectrometer with cosmic rays. European Physical Journal C, 2010, 70, 875-916.	3.9	23
429	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	3.9	1,187
430	Readiness of the ATLAS Tile Calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 1193-1236.	3.9	121
431	Performance of the ATLAS detector using first collision data. Journal of High Energy Physics, 2010, 2010, 1.	4.7	18
432	Measurement of the $W \rightarrow \ell \bar{\nu}_\ell$ and $Z \rightarrow \ell \ell$ production cross sections in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2010, 2010, 1.	4.7	64

#	ARTICLE	IF	CITATIONS
433	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.	7.8	113
434	TOPEM: A multimodality probe (PET TOF, MRI, and MRS) for diagnosis and follow up of prostate cancer. , 2010, , .		7
435	Search for New Particles in Two-Jet Final States in 7TeV Proton-Proton Collisions with the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 161801.	7.8	113
436	Observation of a Centrality-Dependent Dijet Asymmetry in Lead-Lead Collisions at the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 252303.	7.8	581
437	The ATLAS Simulation Infrastructure. , 2010, 70, 823.		1
438	The Level-1 Trigger Muon Barrel System of the ATLAS experiment at CERN. Journal of Instrumentation, 2009, 4, P04010-P04010.	1.2	23
439	Virtual Compton scattering and neutral pion electroproduction in the resonance region up to the deep inelastic region at backward angles. Physical Review C, 2009, 79, .	2.9	3
440	Study of the ATLAS MDT spectrometer using high energy CERN combined test beam data. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 598, 400-415.	1.6	10
441	Cluster counting drift chamber as high precision tracker for ILC experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 598, 98-101.	1.6	7
442	ATLAS RPC certification with cosmic rays. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 700-704.	1.6	4
443	A 0.13m CMOS VGA for drift chambers. , 2009, , .		0
444	A low power 0.13m ADC for drift chambers. , 2009, , .		1
445	System test of the ATLAS muon spectrometer in the H8 beam at the CERN SPS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 593, 232-254.	1.6	12
446	First cosmic ray results of the RPC commissioning in the ATLAS cavern. Nuclear Physics, Section B, Proceedings Supplements, 2008, 177-178, 335-338.	0.4	1
447	Status of the ATLAS Level-1 Central Trigger and Muon Barrel Trigger and First Results from Cosmic-Ray Data. IEEE Transactions on Nuclear Science, 2008, 55, 139-144.	2.0	3
448	Study of the Performances of the Level-1 Trigger System for Muons in the Barrel of ATLAS with Cosmic Rays. , 2008, , .		2
449	The ATLAS Experiment at the CERN Large Hadron Collider. Journal of Instrumentation, 2008, 3, S08003-S08003.	1.2	1,752
450	The ATLAS level-1 trigger: Status of the system and experience from commissioning with cosmic ray muons. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
451	Status of the ATLAS Level-1 Central Trigger and Muon Barrel Trigger and First Results from Cosmic-Ray Data. , 2007, , .		1
452	A CMOS high-speed front-end for cluster counting techniques in ionization detectors. , 2007, , .		6
453	The ATLAS level-1 trigger: Status of the system and first results from cosmic-ray data. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 476-481.	1.6	2
454	$\int_0^1 dx x^{2n-1} = \frac{1}{2n} x^{2n} \Big _0^1 = \frac{1}{2n}$	4.1	5
455	Preliminary performance results for the ATLAS RPC test stand in Lecce. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 18-19.	1.6	0
456	ATLAS RPC thermal studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 36-37.	1.6	0
457	RPC cosmic ray tests in the ATLAS experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 213-216.	1.6	9
458	The ATLAS LVL1 Barrel Muon Trigger Commissioning with Cosmic Rays. , 2006, , .		1
459	The LECCE cosmic ray testing facility for the ATLAS RPC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 565, 450-456.	1.6	2
460	The RPC first level muon trigger in the barrel of the ATLAS experiment. Nuclear Physics, Section B, Proceedings Supplements, 2006, 158, 11-15.	0.4	10
461	Temperature dependent performance of ATLAS RPC. Nuclear Physics, Section B, Proceedings Supplements, 2006, 158, 204-207.	0.4	0
462	New results on ATLAS RPC's aging at CERN's GIF. IEEE Transactions on Nuclear Science, 2006, 53, 567-571.	2.0	8
463	ATLAS RPC QA results at INFN Lecce. AIP Conference Proceedings, 2006, , .	0.4	0
464	PERFORMANCES OF THE ATLAS LEVEL-1 MUON TRIGGER PROCESSOR IN THE BARREL. , 2006, , .		2
465	Dynamics of the quasielastic $O^{16}(e, e^2p)$ reaction at $Q^2 \approx 0.8 (\text{GeV} \cdot c)^2$. Physical Review C, 2004, 70, .	2.9	30
466	Backward electroproduction of ρ^0 mesons on protons in the region of nucleon resonances at four momentum transfer squared $Q^2 = 1.0 \text{ GeV}^2$. Physical Review C, 2004, 69, .	2.9	25
467	Measurement of the Generalized Polarizabilities of the Proton in Virtual Compton Scattering at $Q^2 = 0.92$ and 1.76 GeV^2 . Physical Review Letters, 2004, 93, 122001.	7.8	33
468	Basic instrumentation for Hall A at Jefferson Lab. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 522, 294-346.	1.6	215

#	ARTICLE	IF	CITATIONS
469	Ageing test of the ATLAS RPCs at X5-GIF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 533, 98-101.	1.6	14
470	Test and performances of the RPC trigger chambers of the ATLAS experiment at LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 533, 193-198.	1.6	8
471	The RPC LVL1 trigger system of the muon spectrometer of the ATLAS experiment at LHC. IEEE Transactions on Nuclear Science, 2004, 51, 1581-1589.	2.0	6
472	The facility for ATLAS resistive plate chambers assembly. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 508, 116-119.	1.6	2
473	Laser beam studies of RPC behaviour in avalanche mode. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 508, 29-33.	1.6	2
474	Separation of the longitudinal and transverse cross sections in the $1\text{H}(e, e\epsilon^2\text{K}^+)\hat{\nu}$ and $1\text{H}(e, e\epsilon^2\text{K}^+)\hat{\nu}0$ reactions. Physical Review C, 2003, 67, .	2.9	59
475	Test beam results from the ATLAS LVL1 muon barrel trigger and RPC readout slice. , 2003, , .		2
476	The RPC LVL1 trigger system of the muon spectrometer of the ATLAS experiment at LHC. , 2003, , .		0
477	The $3\text{He}(e, e\epsilon^2\text{d})\text{p}$ reaction in $(q, \hat{\nu}\%)$ -constant kinematics. Nuclear Physics A, 2002, 706, 403-417.	1.5	6
478	Performances of the aerogel threshold Cherenkov counter for the Jefferson Lab Hall A spectrometers in the $1\hat{\nu}4$ GeV/c momentum range. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 457, 571-580.	1.6	16
479	R&D results from the NOE scintillating fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 459, 123-134.	1.6	6
480	Influence of oxygen and moisture content on electron life time in helium $\hat{\nu}$ isobutane gas mixtures. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 461, 77-79.	1.6	6
481	A facility for the measurement of electron transport parameters in a gas mixture. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 461, 96-97.	1.6	2
482	Silica aerogel threshold Cherenkov counters for the JLab Hall A spectrometers: improvements and proposed modifications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 471, 325-332.	1.6	13
483	Dynamics of the $16\text{O}(e, e\epsilon^2\text{p})$ Reaction at High Missing Energies. Physical Review Letters, 2001, 86, 5670-5674.	7.8	18
484	Performance of a large-size RPC equipped with the final ATLAS front-end electronics at X5-GIF irradiation facility. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 456, 77-81.	1.6	16
485	Evidence for short-range correlations in 16O . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 474, 33-40.	4.1	54
486	Dynamical Relativistic Effects in Quasielastic 1p -Shell Proton Knockout from $\text{O}16$. Physical Review Letters, 2000, 84, 3265-3269.	7.8	66

#	ARTICLE	IF	CITATIONS
487	Investigation of the exclusive ${}^3\text{He}(e,e'e^+pp)n$ reaction. <i>Physical Review C</i> , 2000, 63, .	2.9	33
488	Probing the ${}^3\text{He}$ NN component of ${}^3\text{He}$. <i>Physical Review C</i> , 2000, 62, .	2.9	8
489	Polarization transfer in the ${}^{16}\text{O}(e,e'e^+p^+){}^{15}\text{N}$ reaction. <i>Physical Review C</i> , 2000, 62, .	2.9	49
490	Investigation of the Exclusive ${}^3\text{He}(e,e'e^+pp)n$ Reaction. <i>Physical Review Letters</i> , 1999, 83, 5443-5446.	7.8	13
491	Measurements of the Deuteron Elastic Structure Function $A(Q^2)$ for $0.7 \leq Q^2 \leq 6.0$ (GeV/c) 2 at Jefferson Laboratory. <i>Physical Review Letters</i> , 1999, 82, 1374-1378.	7.8	90
492	Subthreshold π^0 photoproduction on ${}^3\text{He}$. <i>Physical Review C</i> , 1999, 60, .	2.9	11
493	Electron-induced two-proton knockout from ${}^3\text{He}$. <i>Nuclear Physics A</i> , 1999, 654, 509c-512c.	1.5	1
494	Electron-induced two-proton knockout from ${}^3\text{He}$. <i>Few-Body Systems</i> , 1999, , 351-354.	0.2	0
495	The CO ₂ gas Cherenkov detectors for the Jefferson Lab Hall-A spectrometers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998, 411, 223-237.	1.6	22
496	Signatures for Short-Range Correlations in ${}^{16}\text{O}$ Observed in the Reaction ${}^{16}\text{O}(e,e'e^+pp){}^{14}\text{C}$. <i>Physical Review Letters</i> , 1998, 81, 2213-2216.	7.8	67
497	Longitudinal and Transverse Cross Sections in the ${}^1\text{H}(e,e'e^+K^+){}^1\text{H}$ Reaction. <i>Physical Review Letters</i> , 1998, 81, 1805-1808.	7.8	40
498	q and p m Dependence of the ${}^3\text{He}(e,e'e^+d)p$ Reaction. <i>Physical Review Letters</i> , 1998, 81, 2870-2873.	7.8	10
499	Low-lying states of ${}^{56}\text{Fe}$. <i>Physical Review C</i> , 1998, 57, 1604-1616.	2.9	3
500	Evidence for π^0 Mass Modification in the ${}^3\text{He}(\pi^3,\pi^0)ppn$ Reaction. <i>Physical Review Letters</i> , 1998, 80, 241-244.	7.8	55
501	Dominance of S ₀₁ Proton-Pair Emission in the ${}^{16}\text{O}(e,e'e^+pp)$ Reaction. <i>Physical Review Letters</i> , 1997, 78, 4893-4897.	7.8	48
502	Hypernuclear physics at TJNAF. <i>Nuclear Physics A</i> , 1997, 623, 304-310.	1.5	2
503	Performance and design characteristics for the Hall A aerogel Cherenkov counters. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997, 385, 403-411.	1.6	4
504	Electronic detection of focused Cherenkov rings from aerogel. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997, 401, 187-205.	1.6	41

#	ARTICLE	IF	CITATIONS
505	Particle-hole and particle-particle correlations in neodymium isotopes. Nuclear Physics A, 1996, 601, 1-40.	1.5	25
506	The large-acceptance spectrometer TAGX for photoreaction studies at the 1.3-GeV Tokyo electron synchrotron. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 376, 335-355.	1.6	25
507	Timing measurements in long rods of BC408 scintillators with small cross-sectional sizes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 381, 324-329.	1.6	7
508	Isospin character of low-lying states in Fe56. Physical Review C, 1996, 53, 2718-2731.	2.9	24
509	Empirical tests and model of a silica aerogel Cherenkov detector for CEBAF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 365, 299-307.	1.6	17
510	Strangeness Studies off Proton and Nuclei in CEBAF Hall A. Few-Body Systems, 1995, , 374-378.	0.2	0
511	Neutron decay of the isobaric analog state in 208Bi. Nuclear Physics A, 1994, 574, 453-466.	1.5	8
512	Excitation of low-lying states in 144Nd by means of (e,e') scattering. Nuclear Physics A, 1993, 561, 343-366.	1.5	13
513	Strength distributions in neodymium isotopes: a test of collective nuclear models. Nuclear Physics A, 1993, 559, 1-41.	1.5	36
514	Hexadecapole interacting boson approximation structure functions in neodymium isotopes. Physical Review C, 1993, 47, R1347-R1350.	2.9	2
515	Low-lying excitations in Yb176 and Hf180 from (p, p') scattering at $E_p = 98.4$ MeV. Physical Review C, 1992, 45, 1017-1025.	2.9	8
516	Hexadecapole strength distributions of vibrational nuclei in the $A = 100$ mass region. Nuclear Physics A, 1992, 540, 27-56.	1.5	49
517	Test beam results and integration of the ATLAS level-1 muon barrel trigger. , 0, , .		3
518	Large scale test and performances of the rpc trigger chambers for the atlas experiment at LHC. , 0, , .		1
519	Ageing test of ATLAS RPCs at CERN's gamma irradiation facility. , 0, , .		2