

# Patricia Conde Muino

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6791939/publications.pdf>

Version: 2024-02-01

474  
papers

25,080  
citations

7568

77  
h-index

14759

127  
g-index

487  
all docs

487  
docs citations

487  
times ranked

9759  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of the ATLAS Level-1 topological trigger in Run 2. European Physical Journal C, 2022, 82, 1.	3.9	6
2	Measurement of the c-jet mistagging efficiency in $t\bar{t}$ events using pp collision data at $\sqrt{s} = 13$ TeV collected with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	14
3	Search for exotic decays of the Higgs boson into $b\bar{b}$ and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
4	Observation of electroweak production of two jets in association with an isolated photon and missing transverse momentum, and search for a Higgs boson decaying into invisible particles at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, 1.	3.9	8
5	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with $139 \text{ fb}^{-1}$ of pp collision data at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	10
6	AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	2.9	23
7	Measurement of the energy response of the ATLAS calorimeter to charged pions from $W^{\pm} \rightarrow \mu^{\pm} \nu_{\mu} (\rightarrow \pi^{\pm} \nu_{\pi}) u_{\mu} \bar{u}_{\mu}$ events in Run 2 data. European Physical Journal C, 2022, 82, 1.	3.9	4
8	The ATLAS inner detector trigger performance in pp collisions at $\sqrt{s} = 13$ TeV during LHC Run 2. European Physical Journal C, 2022, 82, 1.	3.9	5
9	Search for flavour-changing neutral-current interactions of a top quark and a gluon in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	7
10	Measurement of the energy asymmetry in $t\bar{t}$ production at $\sqrt{s} = 13$ TeV with the ATLAS experiment and interpretation in the SMEFT framework. European Physical Journal C, 2022, 82, .	3.9	2
11	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s} = 7, 8$ and $13$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	12
12	Measurement of hadronic event shapes in high-pT multijet final states at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
13	Search for squarks and gluinos in final states with jets and missing transverse momentum using $139 \text{ fb}^{-1}$ of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	37
14	Differential cross-section measurements for the electroweak production of dijets in association with a Z boson in proton-proton collisions at ATLAS. European Physical Journal C, 2021, 81, 1.	3.9	12
15	Measurements of WH and ZH production in the $H \rightarrow b\bar{b}$ decay channel in pp collisions at $\sqrt{s} = 13, 14$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	38
16	Search for dark matter in association with an energetic photon in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	18
17	Search for type-III seesaw heavy leptons in dilepton final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	17
18	Measurement of light-by-light scattering and search for axion-like particles with $2.2 \text{ nb}^{-1}$ of Pb+Pb data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	19

#	ARTICLE	IF	CITATIONS
19	Search for Higgs boson production in association with a high-energy photon via vector-boson fusion with decay into bottom quark pairs at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	6
20	Search for new phenomena with top quark pairs in final states with one lepton, jets, and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
21	Search for new phenomena in events with two opposite-charge leptons, jets and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	22
22	Search for pair production of scalar leptoquarks decaying into first- or second-generation leptons and top quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	18
23	Optimisation of large-radius jet reconstruction for the ATLAS detector in 13 TeV proton-proton collisions. European Physical Journal C, 2021, 81, 1.	3.9	15
24	Search for heavy resonances decaying into a pair of Z bosons in the $e^+e^- \rightarrow e^+e^- Z Z$ and $e^+e^- \rightarrow e^+e^- u \bar{u}$ final states using 139 fb <sup>-1</sup> of proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	40
25	Search for new phenomena in final states with b-jets and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	18
26	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $e^+e^- \rightarrow b\bar{b} H$ and $e^+e^- \rightarrow W W H$ final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	26
27	Search for doubly and singly charged Higgs bosons decaying into vector bosons in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	23
28	Measurements of $W+W\gamma+1$ jet production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
29	Search for charged Higgs bosons decaying into a top quark and a bottom quark at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	46
30	Measurements of Higgs bosons decaying to bottom quarks from vector boson fusion production with the ATLAS experiment at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	14
31	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a $\bar{l}_\tau$ -lepton in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	27
32	Search for supersymmetry in events with four or more charged leptons in 139 fb <sup>-1</sup> of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
33	Determination of the parton distribution functions of the proton from ATLAS measurements of differential $W_{\pm}$ and Z boson production in association with jets. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
34	Measurements of differential cross-sections in four-lepton events in 13 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
35	A search for the decays of stopped long-lived particles at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
36	Muon reconstruction and identification efficiency in ATLAS using the full Run 2 pp collision data set at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	82

#	ARTICLE	IF	CITATIONS
37	Search for squarks and gluinos in final states with one isolated lepton, jets, and missing transverse momentum at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	13
38	Measurement of single top-quark production in association with a W boson in the single-lepton channel at $\sqrt{s} = 8, \sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	3
39	Jet energy scale and resolution measured in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	64
40	Measurements of the inclusive and differential production cross sections of a top-quark-antiquark pair in association with a Z boson at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	12
41	Search for dark matter produced in association with a single top quark in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	9
42	Measurements of top-quark pair single- and double-differential cross-sections in the all-hadronic channel in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
43	Search for phenomena beyond the Standard Model in events with large b-jet multiplicity using the ATLAS detector at the LHC. European Physical Journal C, 2021, 81, 1.	3.9	5
44	Search for dark matter in events with missing transverse momentum and a Higgs boson decaying into two photons in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
45	Search for R-parity-violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment using $\sqrt{s} = 13$ TeV proton-proton collision data. European Physical Journal C, 2021, 81, 1.	3.9	7
46	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
47	Search for dark matter produced in association with a Standard Model Higgs boson decaying into b-quarks using the full Run 2 dataset from the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
48	Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
49	Search for exotic decays of the Higgs boson into long-lived particles in pp collisions at $\sqrt{s} = 13$ TeV using displaced vertices in the ATLAS inner detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
50	Search for chargino-neutralino pair production in final states with three leptons and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	28
51	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1.	3.9	7
52	Measurement of b-quark fragmentation properties in jets using the decay $B \rightarrow \tau^+ J/\psi K^{\pm}$ in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
53	Performance of the missing transverse momentum triggers for the ATLAS detector during Run-2 data taking. Journal of High Energy Physics, 2020, 2020, 1.	4.7	17
54	Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24

#	ARTICLE	IF	CITATIONS
55	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the $4\ell\ell$ decay channel at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	32
56	Search for direct production of electroweakinos in final states with one lepton, missing transverse momentum and a Higgs boson decaying into two b-jets in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	34
57	Measurements of the production cross-section for a Z boson in association with b-jets in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
58	Search for the $HH \rightarrow b\bar{b}$ process via vector-boson fusion production using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	17
59	Observation of the associated production of a top quark and a Z boson in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
60	Measurements of top-quark pair spin correlations in the $e\mu$ channel at $\sqrt{s} = 13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	22
61	Higgs boson production cross-section measurements and their EFT interpretation in the $4\ell\ell$ decay channel at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	41
62	Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	36
63	Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fb <sup>-1</sup> of data collected with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	19
64	Search for $t\bar{t}$ resonances in fully hadronic final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
65	Reconstruction and identification of boosted $d\bar{t}$ systems in a search for Higgs boson pairs using 13 TeV proton-proton collision data in ATLAS. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8
66	Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1.	3.9	93
67	Search for top squarks in events with a Higgs or Z boson using 139 fb <sup>-1</sup> of pp collision data at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	4
68	Evidence for $t\bar{t}$ production in the multilepton final state in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	30
69	Search for heavy diboson resonances in semileptonic final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	29
70	Search for a scalar partner of the top quark in the all-hadronic $t\bar{t}$ plus missing transverse momentum final state at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	36
71	Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1.	3.9	12
72	Determination of jet calibration and energy resolution in proton-proton collisions at $\sqrt{s} = 8$ -hbox {TeV} using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	15

#	ARTICLE	IF	CITATIONS
73	Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s} = 13$ TeV pp collision data collected by the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	49
74	Measurement of the cross-section and charge asymmetry of W bosons produced in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	24
75	Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC proton-proton collision data at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	77
76	Measurement of $VH$ , $\text{H} \rightarrow \text{b}\bar{\text{b}}$ production as a function of the vector-boson transverse momentum in 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
77	Performance of top-quark and $W$ -boson tagging with ATLAS in Run 2 of the LHC. European Physical Journal C, 2019, 79, 1.	3.9	42
78	Electron and photon energy calibration with the ATLAS detector using 2015-2016 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P03017-P03017.	1.2	37
79	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run 2 data collected in 2015 and 2016. European Physical Journal C, 2019, 79, 1.	3.9	46
80	Measurement of the ratio of cross sections for inclusive isolated-photon production in pp collisions at $\sqrt{s} = 13$ and 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
81	Search for pair production of Higgs bosons in the $\text{b}\bar{\text{b}}$ final state using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	55
82	Measurement of fiducial and differential $W^+W^-$ production cross-sections at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	24
83	Measurement of the inclusive cross-section for the production of jets in association with a Z boson in proton-proton collisions at 8 TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	9
84	ATLAS b-jet identification performance and efficiency measurement with $t\bar{t}$ events in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	130
85	Measurements of top-quark pair differential and double-differential cross-sections in the $W^+W^-$ jets channel with pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	34
86	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fb <sup>-1</sup> of pp collisions at $s = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	116
87	Measurement of the cross-section for producing a W boson in association with a single top quark in pp collisions at $s = 13$ TeV with ATLAS. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
88	Measurement of the W-boson mass in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 110.	3.9	218
89	Search for new phenomena in high-mass final states with a photon and a jet from pp collisions at $\sqrt{s} = s$ . European Physical Journal C, 2018, 78, 102.	3.9	13
90	Search for the direct production of charginos and neutralinos in final states with tau leptons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 154.	3.9	52

#	ARTICLE	IF	CITATIONS
91	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.0 TeV. European Physical Journal C, 2018, 78, 142.	3.9	59
92	Measurement of differential cross-sections of a single top quark produced in association with a W boson at $\sqrt{s} = 13$ TeV with ATLAS. European Physical Journal C, 2018, 78, 186.	3.9	20
93	Search for heavy ZZ resonances in the $W^+W^- \ell^+\ell^-$ final states using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 293.	3.9	101
94	A search for pair-produced resonances in four-jet final states at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 250.	3.9	66
95	Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in $36 \text{ fb}^{-1}$ of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
96	Search for heavy resonances decaying into WW in the $e^+e^- \ell^+\ell^-$ final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 24.	3.9	108
97	Direct top-quark decay width measurement in the $t \rightarrow \ell + \text{jets}$ channel at $\sqrt{s} = 8$ TeV with the ATLAS experiment. European Physical Journal C, 2018, 78, 129.	3.9	17
98	Search for W/Z resonance production in $W^+W^-$ final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	31
99	Measurement of the Higgs boson coupling properties in the $H \rightarrow ZZ \rightarrow 4\ell$ decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	46
100	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the $H \rightarrow a a \rightarrow 4b$ channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	28
101	Prompt and non-prompt $J/\psi$ elliptic flow in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 784.	3.9	19
102	Search for Higgs boson pair production in the $\gamma\gamma WW$ channel using pp collision data recorded at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 1007.	3.9	53
103	Measurement of colour flow using jet-pull observables in $t\bar{t}$ events with the ATLAS experiment at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 847.	3.9	16
104	Angular analysis of $B^0 \rightarrow K^* \ell^+ \ell^-$ decays in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	76
105	Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in $36 \text{ fb}^{-1}$ of pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 401.	3.9	50
106	Search for dark matter in events with a hadronically decaying vector boson and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	29
107	Measurements of differential cross sections of top quark pair production in association with jets in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	9
108	Search for Higgs boson pair production in the $\gamma\gamma b\bar{b}$ final state with 13 TeV pp collision data collected by the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	4.7	38

#	ARTICLE	IF	CITATIONS
109	Search for new phenomena in events with same-charge leptons and b-jets in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	30
110	Measurement of the azimuthal anisotropy of charged particles produced in $\sqrt{s_{NN}} = 5.02$ TeV Pb+Pb collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 997.	3.9	51
111	Performance of missing transverse momentum reconstruction with the ATLAS detector using proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 903.	3.9	181
112	Search for electroweak production of supersymmetric particles in final states with two or three leptons at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 995.	3.9	125
113	Search for charged Higgs bosons decaying into top and bottom quarks at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	56
114	Search for supersymmetry in final states with missing transverse momentum and multiple b-jets in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	37
115	Search for pair production of heavy vector-like quarks decaying into high-pT W bosons and top quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	22
116	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using $36 \text{ fb}^{-1}$ of $\sqrt{s}=13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	48
117	Search for long-lived charginos based on a disappearing-track signature in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	67
118	Search for supersymmetry in final states with charm jets and missing transverse momentum in 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	15
119	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \nu_\tau$ , $H \rightarrow \tau^+ \nu_\tau$ , in the $\tau^+, \text{jets}$ and $\tau^+, \text{lepton}$ final states with $36 \text{ fb}^{-1}$ of pp collision data recorded at $\sqrt{s}=13$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	4.7	59
120	Prompt and non-prompt $J/\psi$ and $\psi(2S)$ suppression at high transverse momentum in $5.02$ TeV Pb+Pb collisions with the ATLAS experiment. European Physical Journal C, 2018, 78, 762.	3.9	61
121	Search for Higgs boson decays to beyond-the-Standard-Model light bosons in four-lepton events with the ATLAS detector at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	31
122	Search for exclusive Higgs and Z boson decays to $\tau^+ \tau^-$ and $\tau^+ \tau^-$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	16
123	Measurements of b-jet tagging efficiency with the ATLAS detector using $t\bar{t}$ events at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
124	Search for flavour-changing neutral current top-quark decays $t \rightarrow qZ$ in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
125	Measurement of the inclusive and fiducial $t\bar{t}$ production cross-sections in the. European Physical Journal C, 2018, 78, 487.	3.9	10
126	Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 565.	3.9	79



#	ARTICLE	IF	CITATIONS
127	Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in $\sqrt{s}=13$ TeV $pp$ collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 625.	3.9	27
128	Search for dark matter and other new phenomena in events with an energetic jet and large missing transverse momentum using the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	136
129	Measurement of inclusive jet and dijet cross-sections in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
130	Search for dark matter produced in association with bottom or top quarks in $\sqrt{s}=13$ TeV $pp$ collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 18.	3.9	60
131	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 199.	3.9	132
132	Measurement of $\sigma_{\text{pol}}$ , polarisation in $Z/\gamma \rightarrow \mu\mu$ . European Physical Journal C, 2018, 78, 163.	3.9	7
133	Searches for heavy ZZ and ZW resonances in the $\mu\mu$ , $\mu\tau$ , $\tau\tau$ and $\mu\tau/2\tau\tau$ final states in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	29
134	Search for pair production of up-type vector-like quarks and for four-top-quark events in final states with multiple b-jets with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	33
135	Measurement of differential cross sections and $W^+/\bar{W}^+$ cross-section ratios for W boson production in association with jets at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	16
136	Measurement of the $\sigma_{\text{pol}}^{\tau Z}$ $t\bar{t}Z$ and $\sigma_{\text{pol}}^{\tau W}$ $t\bar{t}W$ production cross sections in multilepton final states using 3.2 fb $^{-1}$ of $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 40.	3.9	41
137	A measurement of the calorimeter response to single hadrons and determination of the jet energy scale uncertainty using LHC Run-1 $pp$ -collision data with the ATLAS detector. European Physical Journal C, 2017, 77, 26.	3.9	29
138	Measurement of the inclusive cross-sections of single top-quark and top-antiquark t-channel production in $pp$ collisions at $s = 13$ TeV $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
139	Measurement of jet activity produced in top-quark events with an electron, a muon and two b-tagged jets in the final state in $pp$ collisions at $\sqrt{s}=13$ TeV $s = 13$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 220.	3.9	11
140	Measurement of the W boson polarisation in $t\bar{t}Z$ events from $pp$ collisions at $\sqrt{s}=8$ TeV in the lepton+ $\bar{t}$ jets channel with ATLAS. European Physical Journal C, 2017, 77, 264.	3.9	37
141	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. European Physical Journal C, 2017, 77, 195.	3.9	87
142	Measurements of top-quark pair differential cross-sections in the $e\bar{e}$ channel in $pp$ collisions at $\sqrt{s} = 13$ TeV $s = 13$ TeV using the ATLAS detector. European Physical Journal C, 2017, 77, 292.	3.9	27
143	Performance of algorithms that reconstruct missing transverse momentum in $\sqrt{s}=8$ TeV proton-proton collisions in the ATLAS detector. European Physical Journal C, 2017, 77, 241.	3.9	61
144	Measurement of the prompt $J/\psi$ pair production cross-section in $pp$ collisions at $\sqrt{s} = 8$ TeV $s = 8$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 76.	3.9	81



#	ARTICLE	IF	CITATIONS
163	Measurements of the production cross section of a $Z$ boson in association with jets in pp collisions at $\sqrt{s} = 13$ s. European Physical Journal C, 2017, 77, 361.	3.9	47
164	Precision measurement and interpretation of inclusive $W^+W^+$ , $W^-W^-$ . European Physical Journal C, 2017, 77, 367.	3.9	145
165	Measurement of jet fragmentation in Pb+Pb and pp collisions at $\sqrt{s_{\text{NN}}} = 2.76$ s NN = 2.76. European Physical Journal C, 2017, 77, 379.	3.9	51
166	Search for dark matter at $\sqrt{s}=13\text{-}\text{TeV}$ in final states containing an energetic photon and large missing transverse momentum with the ATLAS detector. European Physical Journal C, 2017, 77, 393.	3.9	80
167	Measurement of charged-particle distributions sensitive to the underlying event in $\sqrt{s}=13$ TeV proton-proton collisions with the ATLAS detector at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
168	Search for direct top squark pair production in final states with two leptons in $\sqrt{s} = 13$ s = 13 TeV pp collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 898.	3.9	50
169	Search for direct top squark pair production in events with a Higgs or Z boson, and missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	8
170	Measurement of detector-corrected observables sensitive to the anomalous production of events with jets and large missing transverse momentum in $\vec{pp}$ collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2017, 77, 765.	3.9	19
171	Measurement of b-hadron pair production with the ATLAS detector in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	8
172	Search for supersymmetry in events with b-tagged jets and missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
173	Measurement of the inclusive jet cross-sections in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	23
174	Search for pair production of vector-like top quarks in events with one lepton, jets, and missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	38
175	Identification and rejection of pile-up jets at high pseudorapidity with the ATLAS detector. European Physical Journal C, 2017, 77, 580.	3.9	35
176	Measurement of $WW/WZ \rightarrow \ell u q q'$ production with the hadronically decaying boson reconstructed as one or two jets in pp collisions at $\sqrt{s}=8\text{-}\text{TeV}$ with ATLAS, and constraints on anomalous gauge couplings. European Physical Journal C, 2017, 77, 563.	3.9	28
177	Search for new phenomena in a lepton plus high jet multiplicity final state with the ATLAS experiment using $\sqrt{s}=13$ TeV proton-proton collision data. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
178	Searches for the $Z\tilde{\chi}^0_3$ decay mode of the Higgs boson and for new high-mass resonances in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	30
179	Studies of $Z\tilde{\chi}^0_3$ production in association with a high-mass dijet system in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
180	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	16

#	ARTICLE	IF	CITATIONS
181	Search for top quark decays $t \rightarrow qH$ , with $H \rightarrow \tau^+\tau^-$ , in $\sqrt{s} = 13$ TeV pp collisions using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	18
182	Study of $WW\gamma$ and $WZ$ . <i>European Physical Journal C</i> , 2017, 77, 646.	3.9	30
183	Measurements of top quark spin observables in $t\bar{t}$ events using dilepton final states in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	20
184	Search for new phenomena with large jet multiplicities and missing transverse momentum using large-radius jets and flavour-tagging at ATLAS in 13 TeV pp collisions. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	11
185	Top-quark mass measurement in the all-hadronic $t\bar{t}$ decay channel at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	16
186	Measurement of the Drell-Yan triple-differential cross section in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	28
187	Search for a scalar partner of the top quark in the jets plus missing transverse momentum final state at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	45
188	Search for supersymmetry in final states with two same-sign or three leptons and jets using 36 fb <sup>-1</sup> of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	31
189	Search for pair production of heavy vector-like quarks decaying to high- $p_T$ $W$ bosons and $b$ quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	36
190	Measurement of the $k_t$ splitting scales in $Z \rightarrow \tau^+\tau^-$ events in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	3
191	Analysis of the $Wtb$ vertex from the measurement of triple-differential angular decay rates of single top quarks produced in the $t$ -channel at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	8
192	Evidence for the $H \rightarrow b\bar{b}$ decay with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	64
193	Search for new high-mass phenomena in the dilepton final state using 36 fb <sup>-1</sup> of proton-proton collision data at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	168
194	Determination of the strong coupling constant $\alpha_s$ from transverse energy correlations in multijet events at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2017, 77, 872.	3.9	32
195	The ALFA Roman Pot detectors of ATLAS. <i>Journal of Instrumentation</i> , 2016, 11, P11013-P11013.	1.2	23
196	Study of hard double-parton scattering in four-jet events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	30
197	Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	10
198	Measurement of event-shape observables in $Z \rightarrow \ell^+\ell^-$ events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2016, 76, 375.	3.9	15

#	ARTICLE	IF	CITATIONS
199	Charged-particle distributions in pp interactions at $\sqrt{s}=8 \text{ TeV}$ measured with the ATLAS detector. European Physical Journal C, 2016, 76, 403.	3.9	30
200	Charged-particle distributions at low transverse momentum in $\sqrt{s} = 13 \text{ TeV}$ pp interactions measured with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 502.	3.9	61
201	Search for bottom squark pair production in proton-proton collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 547.	3.9	37
202	Search for minimal supersymmetric standard model Higgs Bosons $H/\tilde{A}$ and for a $Z^{\prime}$ boson in the $\tau^+ \tau^-$ final state produced in pp collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 585.	3.9	51
203	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run-1 data. European Physical Journal C, 2016, 76, 666.	3.9	73
204	Measurement of the $b\bar{b}$ dijet cross section in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 670.	3.9	12
205	The performance of the jet trigger for the ATLAS detector during 2011 data taking. European Physical Journal C, 2016, 76, 526.	3.9	21
206	Search for the Higgs boson produced in association with a W boson and decaying to four b-quarks via two spin-zero particles in pp collisions at 13 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 605.	3.9	24
207	Muon reconstruction performance of the ATLAS detector in proton-proton collision data at $\sqrt{s}=13 \text{ TeV}$ . European Physical Journal C, 2016, 76, 292.	3.9	453
208	Test of CP invariance in vector-boson fusion production of the Higgs boson using the Optimal Observable method in the ditau decay channel with the ATLAS detector. European Physical Journal C, 2016, 76, 658.	3.9	48
209	Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 565.	3.9	31
210	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s}=8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	44
211	Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at $\sqrt{s}=8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	71
212	Search for flavour-changing neutral current top-quark decays to $qZ$ in $pp$ collision data collected with the ATLAS detector at $\sqrt{s}=8 \text{ TeV}$ . European Physical Journal C, 2016, 76, 12.	3.9	39
213	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $\sqrt{s}=8 \text{ TeV}$ . European Physical Journal C, 2016, 76, 87.	3.9	39
214	Search for direct top squark pair production in final states with two tau leptons in pp collisions at $\sqrt{s}=8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 81.	3.9	10
215	Search for charged Higgs bosons in the $H^{\pm} \rightarrow t\bar{b}$ decay channel in pp collisions at $\sqrt{s}=8 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	43
216	Study of the rare decays of $B^0 \rightarrow B^0 s$ and $B^0 \rightarrow B^0$ into muon pairs from data collected during the LHC Run 1 with the ATLAS detector. European Physical Journal C, 2016, 76, 513.	3.9	46

#	ARTICLE	IF	CITATIONS
217	Search for supersymmetry in a final state containing two photons and missing transverse momentum in $\sqrt{s} = 13$ TeV $pp$ collisions. European Physical Journal C, 2016, 76, 517.	3.9	24
218	Search for resonances in diphoton events at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	70
219	Search for single production of vector-like quarks decaying into $Wb$ in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 442.	3.9	43
220	Measurement of the relative width difference of the $B^0 - \bar{B}^0$ system with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
221	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. European Physical Journal C, 2016, 76, 295.	3.9	50
222	Performance of pile-up mitigation techniques for jets in $pp$ collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 581.	3.9	298
223	Measurement of the charged-particle multiplicity inside jets from $\sqrt{s} = 8$ TeV $pp$ collisions with the ATLAS detector. European Physical Journal C, 2016, 76, 322.	3.9	51
224	Measurement of jet activity in top quark events using the $e^+e^-$ final state with two b-tagged jets in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	4
225	Measurement of the transverse momentum and $\phi_{\eta}^*$ distributions of Drell-Yan lepton pairs in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 291.	3.9	154
226	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to $WW$ with the ATLAS detector at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
227	Search for new phenomena in events with a photon and missing transverse momentum in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	20
228	A search for top squarks with R-parity-violating decays to all-hadronic final states with the ATLAS detector in $\sqrt{s} = 8$ TeV proton-proton collisions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
229	Identification of high transverse momentum top quarks in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
230	A search for an excited muon decaying to a muon and two jets in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. New Journal of Physics, 2016, 18, 073021.	2.9	2
231	Beam-induced and cosmic-ray backgrounds observed in the ATLAS detector during the LHC 2012 proton-proton running period. Journal of Instrumentation, 2016, 11, P05013-P05013.	1.2	11
232	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in $pp$ collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. European Physical Journal C, 2016, 76, 538.	3.9	115
233	Measurement of the differential cross-sections of prompt and non-prompt production of $J/\psi$ and $\psi(2S)$ in $pp$ collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 283.	3.9	63
234	Luminosity determination in $pp$ collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 653.	3.9	279

#	ARTICLE	IF	CITATIONS
235	Search for squarks and gluinos in events with hadronically decaying tau leptons, jets and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV recorded with the ATLAS detector. European Physical Journal C, 2016, 76, 683.	3.9	11
236	Addendum to "Measurement of the $t\bar{t}$ production cross-section using $e^+e^-$ events with b-tagged jets in pp collisions at $\sqrt{s}=7$ and $8\sqrt{s}=8$ TeV with the ATLAS detector". European Physical Journal C, 2016, 76, 1.	3.9	19
237	Measurement of the angular coefficients in Z-boson events using electron and muon pairs from data taken at $s=8\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33
238	Searches for heavy diboson resonances in pp collisions at $s=13\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	25
239	Dark matter interpretations of ATLAS searches for the electroweak production of supersymmetric particles in $s=8\sqrt{s}=8$ TeV proton-proton collisions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	16
240	Search for the Standard Model Higgs boson decaying into $b\bar{b}$ produced in association with top quarks decaying hadronically in pp collisions at $s=8\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	21
241	Measurement of the CP-violating phase $\arg(\lambda)$ and the $B_s^0$ meson decay width difference with $B_s^0$ decays in ATLAS. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
242	Search for squarks and gluinos in final states with jets and missing transverse momentum at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 392.	3.9	73
243	Measurement of the double-differential high-mass Drell-Yan cross section in pp collisions at $s=8\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	38
244	A search for prompt lepton-jets in pp collisions at $s=8\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	31
245	Search for new phenomena with photon+jet events in proton-proton collisions at $s=13\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
246	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at $\sqrt{s_{NN}}=5.02$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 199.	3.9	60
247	Measurement of the production cross-section of a single top quark in association with a W boson at 8 TeV with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
248	Search for the production of single vector-like and excited quarks in the $Wt$ final state in pp collisions at $s=8\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
249	Search for strong gravity in multijet final states produced in pp collisions at $s=13\sqrt{s}=13$ TeV using the ATLAS detector at the LHC. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
250	Identification of boosted, hadronically decaying W bosons and comparisons with ATLAS data taken at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 154.	3.9	62
251	Search for new phenomena in events with at least three photons collected in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 210.	3.9	95
252	Probing lepton flavour violation via neutrinoless $\tau \rightarrow 3\mu$ , $\tau \rightarrow 3e$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 232.	3.9	19





#	ARTICLE	IF	CITATIONS
271	Measurement of charged-particle spectra in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	67
272	Analysis of events with b-jets and a pair of leptons of the same charge in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
273	Constraints on new phenomena via Higgs boson couplings and invisible decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	108
274	Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-39.	4.7	78
275	Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at $\sqrt{s}=7$ TeV in the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	40
276	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	84
277	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	71
278	Search for new phenomena in events with three or more charged leptons in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	20
279	Summary of the searches for squarks and gluinos using $\sqrt{s}=8$ TeV pp collisions with the ATLAS experiment at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
280	Determination of the top-quark pole mass using $t\bar{t} + 1$ -jet events collected with the ATLAS experiment in 7 TeV pp collisions. Journal of High Energy Physics, 2015, 2015, 1.	4.7	25
281	Measurement of the $t\bar{t}\bar{A}W$ and $t\bar{t}\bar{A}Z$ production cross sections in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	22
282	Search for flavour-changing neutral current top quark decays $t\bar{t}'Hq$ in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-65.	4.7	19
283	Search for heavy lepton resonances decaying to a Z boson and a lepton in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	36
284	Triggering events with GPUs at ATLAS. Journal of Physics: Conference Series, 2015, 664, 092014.	0.4	1
285	Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	42
286	Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	116
287	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
288	Search for $W' \rightarrow t\bar{t} \rightarrow q\bar{q}bb$ and $\bar{A} \rightarrow t\bar{t} \rightarrow q\bar{q}b\bar{b}$ decays in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 165.	3.9	35

#	ARTICLE	IF	CITATIONS
289	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $\sqrt{s} = 7 \text{ TeV}$ . European Physical Journal C, 2015, 75, 158.	3.9	17
290	Search for direct pair production of a chargino and a neutralino decaying to the 125 GeV Higgs boson in $\sqrt{s} = 8 \text{ TeV}$ $pp$ collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 208.	3.9	67
291	Study of (W/Z)H production and Higgs boson couplings using $H \rightarrow W W \rightarrow$ decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	22
292	Search for metastable heavy charged particles with large ionisation energy loss in $pp$ collisions at $\sqrt{s} = 8 \text{ TeV}$ using the ATLAS experiment. European Physical Journal C, 2015, 75, 407.	3.9	27
293	Measurement of the production and lepton charge asymmetry of $W$ bosons in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 23.	3.9	41
294	Jet energy measurement and its systematic uncertainty in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 17.	3.9	268
295	Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 79.	3.9	30
296	Search for resonant diboson production in the $q\bar{q} \rightarrow \ell\ell + q\bar{q}$ final state in $pp$ collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	3.9	74
297	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
298	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
299	Measurement of the $t\bar{t} + \text{jet}$ 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
300	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 $\sqrt{s} = 7 \text{ TeV}$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	27
301	Searches for heavy long-lived charged particles with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
302	Search for the $b\bar{b} + H$ 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
303	Measurement of the inclusive jet cross-section in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ using 4.5 fb <sup>-1</sup> of data with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	35
304	Search for anomalous production of prompt same-sign lepton pairs and pair-produced doubly charged Higgs bosons with $\sqrt{s} = 8 \text{ TeV}$ $pp$ collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
305	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \tau^-$ in fully hadronic final states using $pp$ collision data at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	69
306	Search for production of $WW/WZ$ resonances decaying to a lepton, neutrino and jets in $pp$ collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 209.	3.9	79

#	ARTICLE	IF	CITATIONS
307	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 120.	3.9	62
308	Search for Higgs boson pair production in the $b\bar{b}b\bar{b}$ final state from pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 412.	3.9	90
309	Determination of spin and parity of the Higgs boson in the $WW \rightarrow e\mu u$ decay channel with the ATLAS detector. European Physical Journal C, 2015, 75, 231.	3.9	21
310	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 299.	3.9	238
311	Search for a new resonance decaying to a W or Z boson and a Higgs boson in the $u\bar{u} + b\bar{b}$ final states with the ATLAS detector. European Physical Journal C, 2015, 75, 263.	3.9	60
312	Measurement of three-jet production cross-sections in pp collisions at $\sqrt{s}=8$ TeV centre-of-mass energy using the ATLAS detector. European Physical Journal C, 2015, 75, 228.	3.9	23
313	Constraints on the off-shell Higgs boson signal strength in the high-mass ZZ and WW final states with the ATLAS detector. European Physical Journal C, 2015, 75, 335.	3.9	95
314	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
315	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. European Physical Journal C, 2015, 75, 476.	3.9	174
316	Observation and measurements of the production of prompt and non-prompt $J/\psi$ mesons in association with a Z boson in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 229.	3.9	64
317	Search for the Standard Model Higgs boson produced in association with top quarks and decaying into $b\bar{b}$ in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 349.	3.9	123
318	Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 318.	3.9	56
319	Search for heavy long-lived multi-charged particles in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. European Physical Journal C, 2015, 75, 362.	3.9	36
320	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
321	Measurement of the top quark mass in the $t\bar{t} \rightarrow \text{lepton+jets}$ and $t\bar{t} \rightarrow \text{dilepton}$ channels using $\sqrt{s}=7$ TeV ATLAS data. European Physical Journal C, 2015, 75, 330.	3.9	52
322	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. European Physical Journal C, 2015, 75, 510.	3.9	138
323	Measurement of the inclusive jet cross-section in proton-proton collisions at $\sqrt{s}=7$ TeV using 4.5 fb <sup>-1</sup> of data with the ATLAS detector. , 2015, 2015, 1.		3
324	Search for production of (WW/WZ) resonances decaying to a lepton, neutrino and jets in (pp) collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. , 2015, 75, 1.		1

#	ARTICLE	IF	CITATIONS
325	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. , 2015, 75, 1.		2
326	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. , 2015, 75, 1.		3
327	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. , 2015, 75, 1.		3
328	Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $s = 8 \sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	82
329	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
330	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
331	A measurement of the ratio of the production cross sections for W and Z bosons in association with jets with the ATLAS detector. European Physical Journal C, 2014, 74, 3168.	3.9	23
332	Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at $s = 8 \sqrt{s} = 8$ TeV with ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	45
333	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb <sup>-1</sup> of $s = 8 \sqrt{s} = 8$ TeV proton-proton collision data with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	12
334	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using $s = 8 \sqrt{s} = 8$ TeV proton-proton collision data. Journal of High Energy Physics, 2014, 2014, 1.	4.7	128
335	Measurement of the $t\bar{t}$ production cross-section using $e^+e^-$ events with b-tagged jets in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3109.	3.9	143
336	Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in $s = 8 \sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	66
337	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at $\sqrt{s}=7$ TeV in 2010. European Physical Journal C, 2014, 74, 3034.	3.9	58
338	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. European Physical Journal C, 2014, 74, 1.	3.9	172
339	Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3134.	3.9	48
340	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
341	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
342	Search for direct pair production of the top squark in all-hadronic final states in proton-proton collisions at $s = 8 \sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	41

#	ARTICLE	IF	CITATIONS
343	Measurement of the production cross-section of $J/\psi(\psi(2S) \rightarrow \psi(1S) + \psi(2S))$ in pp collisions at $\sqrt{s} = 7$ TeV at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	21
344	Measurement of the $Z/\gamma^*$ 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
345	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
346	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
347	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
348	Search for pair and single production of new heavy quarks that decay to a Z boson and a third-generation quark in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
349	Measurement of the top quark pair production charge asymmetry in proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	42
350	Search for the direct production of charginos, neutralinos and staus in final states with at least two hadronically decaying taus and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	40
351	The differential production cross section of the $\phi(1020)$ meson in $\sqrt{s} = 7$ TeV pp collisions measured with the ATLAS detector. European Physical Journal C, 2014, 74, 2895.	3.9	13
352	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
353	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
354	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 2982.	3.9	22
355	Light-quark and gluon jet discrimination in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3023.	3.9	77
356	Measurement of the electroweak production of dijets in association with a Z-boson and distributions sensitive to vector boson fusion in proton-proton collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	22
357	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	88
358	Measurement of the production cross section of prompt $J/\psi$ mesons in association with a $W^{\pm}$ boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
359	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
360	Measurement of the production of a W boson in association with a charm quark in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	59

#	ARTICLE	IF	CITATIONS
361	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
362	Search for supersymmetry at $\sqrt{s} = 8\text{TeV}$ 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
363	Measurement of the low-mass Drell-Yan differential cross section at $\sqrt{s} = 7\text{TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
364	Search for direct top-squark pair production in final states with two leptons in pp collisions at $\sqrt{s} = 8\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	59
365	Measurement of $\tilde{c}_1$ and $\tilde{c}_2$ production with $\sqrt{s} = 7\text{TeV}$ pp collisions at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	32
366	Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at $\sqrt{s} = 8\text{TeV}$ . Journal of High Energy Physics, 2014, 2014, 1.	4.7	10
367	Search for new particles in events with one lepton 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	45
368	Search for direct top squark pair production in events with a $Z$ boson, $b$ -jets and missing transverse momentum in $\sqrt{s} = 8\text{TeV}$ pp collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 2883.	3.9	55
369	Measurement of the $(\tau)$ production cross-section using $(\mu)$ events with $(b)$ -tagged jets in $(pp)$ collisions at $(\sqrt{s}=7)$ and $8\text{TeV}$ with the ATLAS detector. , 2014, 74, 1.		2
370	Measurement of the production cross section of jets in association with a $Z$ boson in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	73
371	Measurement of the cross-section for $W$ boson production in association with $b$ -jets in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	53
372	Search for third generation scalar leptoquarks in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	32
373	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
374	Measurement of $ZZ$ production in pp collisions at $\sqrt{s}=7\text{TeV}$ 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
375	Search for charged Higgs bosons through the violation of lepton universality in $(\tau)$ events using pp collision data at $\sqrt{s}=7\text{TeV}$ with the ATLAS experiment. Journal of High Energy Physics, 2013, 2013, 1.	4.7	19
376	Search for the neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	52
377	Measurement of $k_T$ splitting scales in $W\tilde{a}_1, \tilde{\chi}^0/2$ events at $\sqrt{s} = 7\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	3.9	19
378	Search for a light charged Higgs boson in the decay channel $H^+ \rightarrow c\bar{s}$ in $(\tau)$ events using pp collisions at $\sqrt{s} = 7\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2013, 73, 2465.	3.9	119

#	ARTICLE	IF	CITATIONS
379	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
380	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
381	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
382	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
383	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
384	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
385	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

386

#	ARTICLE	IF	CITATIONS
397	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
398	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
399	Measurement of the $\tau$ production cross section in the tau + jets channel using the ATLAS detector. European Physical Journal C, 2013, 73, 2328.	3.9	45
400	Search for $W$ 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
401	Overview of Recent ATLAS Physics Results. Journal of Physics: Conference Series, 2013, 447, 012014.	0.4	1
402	Performance and Improvements of the ATLAS Jet Trigger System. Journal of Physics: Conference Series, 2012, 404, 012058.	0.4	0
403	Measurement of the cross section for top-quark pair production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector using final states with two high- $p_T$ leptons. Journal of High Energy Physics, 2012, 2012, 1.	4.7	45
404	Jet mass and substructure of inclusive jets in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS experiment. Journal of High Energy Physics, 2012, 2012, 1.	4.7	88
405	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
406	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in $4.7 \text{ fb}^{-1}$ of $\sqrt{s} = 7$ TeV proton-proton collisions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	53
407	A search for $t$ resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	40
408	Search for the Standard Model Higgs boson in the $H \rightarrow b\bar{b}, c\bar{c}, \tau\bar{\tau}$ decay mode in $\sqrt{s} = 7$ TeV pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	43
409	A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	34
410	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $\sqrt{s}=7$ TeV with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	15
411	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
412	Search for high-mass resonances decaying to dilepton final states in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	54
413	Search for anomalous production of prompt like-sign lepton pairs at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	17
414	Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	48



#	ARTICLE	IF	CITATIONS
415	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
416	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. European Physical Journal C, 2012, 72, 1.	3.9	248
417	Rapidity gap cross sections measured with the ATLAS detector in $pp$ collisions at $\sqrt{s} = 7\text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	3.9	100
418	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in $pp$ collisions at $\sqrt{s} = 7\text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	3.9	13
419	Measurement of $\text{Star}\{t\}$ production with a veto on additional central jet activity in $pp$ collisions at $\sqrt{s}=7\text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2012, 72, 2043.	3.9	109
420	A search for $\text{Star}\{t\}$ resonances with the ATLAS detector in $2.05\text{ fb}^{-1}$ of proton-proton collisions at $\sqrt{s} = 7\text{ TeV}$ . European Physical Journal C, 2012, 72, 2083.	3.9	25
421	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
422	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
423	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
424	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
425	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
426	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in $7\text{ TeV}$ proton-proton collision data with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	13
427	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
428	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
429			

#	ARTICLE	IF	CITATIONS
433	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \tau^- \gamma$ in $t \bar{t}$ events using pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	126
434	Measurement of the W boson polarization in top quark decays with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	57
435	Forward-backward correlations and charged-particle azimuthal distributions in pp interactions using the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	29
436	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
437	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

438

#	ARTICLE	IF	CITATIONS
451	Search for diphoton events with large missing transverse energy with 36 pb <sup>-1</sup> of 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	15
452	Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy. European Physical Journal C, 2011, 71, 1.	3.9	60
453	Measurement of the jet fragmentation function and transverse profile in proton-proton collisions at a center-of-mass energy of 7 TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	56
454	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb <sup>-1</sup> of ATLAS data. European Physical Journal C, 2011, 71, 1.	3.9	14
455	Search for massive colored scalars in four-jet final states in $\sqrt{s}=7$ -TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	39
456	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
457	Measurement of $W^{\pm}Z$ and $Z^{\pm}Z$ 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
458	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
459	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
460	Combined performance studies for electrons at the 2004 ATLAS combined test-beam. Journal of Instrumentation, 2010, 5, P11006-P11006.	1.2	10
461	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 723-753.	3.9	61
462	The ATLAS Inner Detector commissioning and calibration. European Physical Journal C, 2010, 70, 787-821.	3.9	95
463	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. European Physical Journal C, 2010, 70, 755-785.	3.9	51
464	Commissioning of the ATLAS Muon Spectrometer with cosmic rays. European Physical Journal C, 2010, 70, 875-916.	3.9	23
465	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	3.9	1,187
466	Readiness of the ATLAS Tile Calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 1193-1236.	3.9	121
467	Performance of the ATLAS detector using first collision data. Journal of High Energy Physics, 2010, 2010, 1.	4.7	18
468	Measurement of the $W^{\pm}Z$ and $Z^{\pm}Z$ 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
469	Study of energy response and resolution of the ATLAS barrel calorimeter to hadrons of energies from 20 to 350 GeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 621, 134-150.	1.6	34
470	ATLAS Status and First Results. , 2010, , .		0
471	Study of the response of the ATLAS central calorimeter to pions of energies from 3 to 9GeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 607, 372-386.	1.6	10
472	DEVELOPMENT OF A DETECTOR (ALFA) TO MEASURE THE ABSOLUTE LHC LUMINOSITY AT ATLAS. , 2008, , .		0
473	Hadron beam test of a scintillating fibre tracker system for elastic scattering and luminosity measurement in ATLAS. Journal of Instrumentation, 2007, 2, P07004-P07004.	1.2	7
474	Erratum to "Design, Deployment and Functional Tests of the Online Event Filter for the ATLAS Experiment at LHC". IEEE Transactions on Nuclear Science, 2007, 54, 758-758.	2.0	0