

Andrzej J Olszewski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8793291/publications.pdf>

Version: 2024-02-01

710
papers

35,152
citations

3721

89
h-index

8138

148
g-index

740
all docs

740
docs citations

740
times ranked

10982
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for new phenomena in three- or four-lepton events in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136832.	1.5	7
2	Search for heavy particles in the b-tagged dijet mass distribution with additional b-tagged jets in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS experiment. Physical Review D, 2022, 105, .	1.6	2
3	Performance of the ATLAS Level-1 topological trigger in Run 2. European Physical Journal C, 2022, 82, 1.	1.4	6
4	Measurement of the c-jet mistagging efficiency in $\sqrt{s}=13$ TeV events using pp collision data at $\sqrt{s}=13$ TeV collected with the ATLAS detector. European Physical Journal C, 2022, 82, .	1.4	14
5	Operation and performance of the ATLAS semiconductor tracker in LHC Run 2. Journal of Instrumentation, 2022, 17, P01013.	0.5	1
6	Search for Higgs boson decays into a pair of pseudoscalar particles in the $b\bar{b}$ final state with the ATLAS detector in $\sqrt{s}=13$ TeV collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 2022, 1.	1.6	17
7	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.	1.6	2
8	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.	1.4	8
9	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with 139 fb^{-1} of pp collision data at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	10
10	AtFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	1.3	23
11	Measurement of the energy response of the ATLAS calorimeter to charged pions from $W \rightarrow \mu \nu$ events in Run 2 data. European Physical Journal C, 2022, 82, 1.	1.4	4
12	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.	1.4	5
13	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, .	1.4	7
14	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, .	1.4	2
15	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.	1.4	12
16	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.	1.6	4
17	A search for the dimuon decay of the Standard Model Higgs boson with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 135980.	1.5	61
18	Measurement of the jet mass in high transverse momentum $Z(\nu\bar{\nu})\nu\bar{\nu}$ production at $\sqrt{s}=13$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 135991.	1.5	1

#	ARTICLE	IF	CITATIONS
19	Medium-Induced Modification of Z -Tagged Charged Particle Yields in $Pb-Pb$ Collisions at $\sqrt{s} = 2.76$ TeV with the ATLAS Detector. Physical Review Letters, 2021, 126, 072301.	2.9	7
20	Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fb ⁻¹ of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	37
21	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.	1.4	12
22	Measurements of WH and ZH production in the $H \rightarrow b\bar{b}$ decay channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	38
23	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.	1.6	18
24	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.	1.4	17
25	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb ⁻¹ of Pb+Pb data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	19
26	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.	1.6	6
27	Search for Higgs boson production in association with a dark Higgs boson decaying into Z bosons or Z bosons in fully hadronic final states. Longitudinal Flow Decorrelations in $Xe-Xe$ collisions at $\sqrt{s} = 2.76$ TeV with the ATLAS detector. Physical Review Letters, 2021, 126, 122301.	2.9	6
28	Search for Higgs boson production in association with a dark Higgs boson decaying into Z bosons or Z bosons in fully hadronic final states. Longitudinal Flow Decorrelations in $Xe-Xe$ collisions at $\sqrt{s} = 2.76$ TeV with the ATLAS detector. Physical Review Letters, 2021, 126, 122301.	2.9	17
29	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.	1.6	14
30	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.	1.6	22
31	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.	1.4	18
32	Measurement of the CP-violating phase ϕ_s in $B_s^0 \rightarrow J/\psi \phi$ decays in ATLAS at 13 TeV. European Physical Journal C, 2021, 81, 1.	1.4	13
33	Optimisation of large-radius jet reconstruction for the ATLAS detector in 13 TeV proton-proton collisions. European Physical Journal C, 2021, 81, 1.	1.4	15
34	Search for heavy resonances decaying into a pair of Z bosons in the $e^+e^- \rightarrow e^+e^- Z Z$ and $e^+e^- \rightarrow e^+e^- \gamma Z$ final states using 139 fb ⁻¹ of proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	40
35	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.	1.6	18
36	Measurement of the associated production of a Higgs boson decaying into b-quarks with a vector boson at high transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.5	17

#	ARTICLE	IF	CITATIONS
37	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $\ell\ell b\bar{b}$ and $\ell\ell W\nu$ final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	26
38	Observation of photon-induced $W+W\bar{a}$ production in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136190.	1.5	6
39	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.	1.6	23
40	Search for new phenomena in events with an energetic jet and missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review D, 2021, 103, .	1.6	64
41	Search for trilepton resonances from chargino and neutralino pair production in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. Physical Review D, 2021, 103, .	1.6	2
42	Measurements of $W+W\bar{a}+1$ jet production cross-sections in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8
43	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.	1.6	46
44	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.	1.4	14
45	Search for pair production of third-generation scalar leptquarks decaying into a top quark and a τ -lepton in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	27
46	Search for charged-lepton-flavour violation in Z-boson decays with the ATLAS detector. Nature Physics, 2021, 17, 819-825.	6.5	8
47	Search for Displaced Leptons in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS Detector. Physical Review Letters, 2021, 127, 051802.	2.9	17
48	Test of the universality of τ , and $\tau/4$ lepton couplings in W-boson decays with the ATLAS detector. Nature Physics, 2021, 17, 813-818.	6.5	15
49	Two-particle azimuthal correlations in photonuclear ultraperipheral $Pb+Pb$ collisions at 5.02 TeV with ATLAS. Physical Review C, 2021, 104, .		
50	Search for supersymmetry in events with four or more charged leptons in 139 fb^{-1} of $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	12
51	Determination of the parton distribution functions of the proton from ATLAS measurements of differential $W\hat{A}\pm$ and Z boson production in association with jets. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
52	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.	1.6	8
53	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.	1.6	5
54	Measurement of the relative $B\rightarrow Bc$ production cross section with the ATLAS detector at $\sqrt{s}=13$ TeV. Physical Review Letters, 2021, 127, 051802.	1.6	3

#	ARTICLE	IF	CITATIONS
55	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.	1.4	82
56	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.	1.4	13
57	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.	1.4	3
58	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.	1.4	64
59	Evidence for Higgs boson decays to a low-mass dilepton system and a photon in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136417.	1.5	8
60	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.	1.4	12
61	Measurement of the production cross section of a top-quark-antiquark pair in association with a Z boson in pp collision events at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136417.	1.6	4
62	Exclusive dimuon production in ultraperipheral collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review C, 2021, 104, 014907.	1.1	11
63	Search for New Phenomena in Final States with Two Leptons and One or No b-Tagged Jets at $\sqrt{s}=13$ TeV Using the ATLAS Detector. Physical Review Letters, 2021, 127, 141801.	2.9	14
64	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.	1.4	9
65	Search for resonances decaying into photon pairs in $\sqrt{s}=13$ TeV pp collisions at the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136651.	1.5	21
66	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.	1.6	14
67	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.	1.4	5
68	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.	1.6	12
69	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.	1.4	7
70	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.	1.6	10
71	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.	1.6	10
72	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.	1.6	4

#	ARTICLE	IF	CITATIONS
73	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.	1.6	4
74	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.	1.4	28
75	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1.	1.4	7
76	Search for Lepton-Flavor Violation in Z -Boson Decays with \tilde{L} Leptons with the ATLAS Detector. Physical Review Letters, 2021, 127, 271801.	2.9	8
77	Search for new phenomena in $p\bar{p}$ collisions at $\sqrt{s} = 13$ TeV and missing transverse momentum in $p\bar{p}$ collisions in final states with tau leptons, b -jets, and missing transverse momentum with the ATLAS detector. Physical Review D, 2021, 104, .	1.6	25
78	Measurement of b-quark fragmentation properties in jets using the decay $B_{\pm} \rightarrow J/\psi K_{\pm}$ in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	14
79	Combined measurements of Higgs boson production and decay using up to $\sqrt{s} = 13$ TeV of proton-proton collision data at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2020, 101, .	1.6	3
80	Search for non-resonant Higgs boson pair production in the $b\bar{b}\gamma$, $1/2\gamma$, $1/2$ final state with the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135145.	1.5	24
81	Searches for lepton-flavour-violating decays of the Higgs boson in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135069.	1.5	14
82	Search for flavour-changing neutral currents in processes with one top quark and a photon using 81 fb^{-1} of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135082.	1.5	13
83	Combination of searches for Higgs boson pairs in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135103.	1.5	31
84	Searches for lepton-flavour-violating decays of the Higgs boson in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135069.	1.5	30
85	Search for flavour-changing neutral currents in processes with one top quark and a photon using 81 fb^{-1} of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135082.	1.5	10
86	Combination of searches for Higgs boson pairs in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135103.	1.5	53
87	Dijet Resonance Search with Weak Supervision Using $\sqrt{s} = 13$ TeV pp Collisions in $Ph\bar{P}h$ Collisions with the ATLAS Detector. Physical Review Letters, 2020, 125, 131801.	1.5	28
88	Search for τ production in $e\bar{\nu}_e$ channel at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	2.9	67
89	Measurements of inclusive and differential cross-sections of combined γ and tW^3 production in the $e\bar{\nu}_e$ channel at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.5	17
90	Measurements of inclusive and differential cross-sections of combined γ and tW^3 production in the $e\bar{\nu}_e$ channel at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	3

#	ARTICLE	IF	CITATIONS
91	Performance of the missing transverse momentum triggers for the ATLAS detector during Run-2 data taking. Journal of High Energy Physics, 2020, 2020, 1.	1.6	17
92	Operation of the ATLAS trigger system in Run 2. Journal of Instrumentation, 2020, 15, P10004-P10004.	0.5	55
93	Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24
94	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the 4ℓ decay channel at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	32
95	Measurement of the production cross-section in the lepton+jets channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.5	12
96	Fluctuations of anisotropic flow in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	28
97	Performance of the ATLAS muon triggers in Run 2. Journal of Instrumentation, 2020, 15, P09015-P09015.	0.5	62
98	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.	1.4	34
99	Measurement of differential cross sections for single diffractive dissociation in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS ALFA spectrometer. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
100	Measurement of isolated-photon plus two-jet production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	3
101	Properties of Higgs Boson Interactions with Top Quarks in the $pp \rightarrow H \rightarrow b\bar{b}$ process at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	2.9	40
102	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.	1.6	11
103	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.	1.6	17
104	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.	1.6	12
105	Measurement of the transverse momentum distribution of Drell-Yan lepton pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	28
106	Search for Heavy Higgs Bosons Decaying into Two Tau Leptons with the ATLAS Detector Using Collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	2.9	97
107	Measurement of the azimuthal anisotropy of charged-particle production in pp collisions with the ATLAS detector. Physical Review Letters, 2020, 125, 022301.	1.6	80
108	Measurement of the azimuthal anisotropy of charged-particle production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review C, 2020, 101, .	1.1	29

#	ARTICLE	IF	CITATIONS
109	Search for direct stau production in events with two hadronic \tilde{l}_τ leptons in $\sqrt{s} = 13$ TeV proton-proton collisions at the ATLAS detector. Physical Review D, 2020, 102, 1.	1.6	33
110	Search for long-lived neutral particles produced in $\sqrt{s} = 13$ TeV proton-proton collisions at the ATLAS detector. Physical Review D, 2020, 102, 1.	1.6	20
111	Search for direct production of electroweakinos in final states with missing transverse momentum and a Higgs boson decaying into photons in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
112	Measurements of soft-drop jet observables in $\sqrt{s} = 13$ TeV proton-proton collisions with the ATLAS detector at $\sqrt{s} = 13$ TeV. Physical Review D, 2020, 101, 1.	1.6	21
113	Measurements of top-quark pair spin correlations in the $\mu\mu$ channel at $\sqrt{s} = 13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	22
114	Performance of the upgraded PreProcessor of the ATLAS Level-1 Calorimeter Trigger. Journal of Instrumentation, 2020, 15, P11016-P11016.	0.5	4
115	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $\sqrt{s} = 13$ TeV proton-proton collisions recorded by ATLAS in Run 2 of the LHC. Physical Review D, 2020, 102, 1.	1.6	12
116	Search for Higgs boson decays into two new low-mass spin-0 particles in the $b\bar{b}$ channel with the ATLAS detector using $\sqrt{s} = 13$ TeV proton-proton collisions at the ATLAS detector. Physical Review Letters, 2020, 125, 221802.	1.6	17
117	Search for Higgs Boson Decays into a Z Boson and a Light Hadronically Decaying Resonance Using $\sqrt{s} = 13$ TeV pp Collision Data from the ATLAS Detector. Physical Review Letters, 2020, 125, 221802.	2.9	20
118	Higgs boson production cross-section measurements and their EFT interpretation in the $b\bar{b}$ decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	41
119	Combination of the W boson polarization measurements in top quark decays using ATLAS and CMS data at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	9
120	Search for heavy neutral Higgs bosons produced in association with $b\bar{b}$ -quarks and decaying into $b\bar{b}$ -quarks at $\sqrt{s} = 13$ TeV proton-proton collisions at the ATLAS detector. Physical Review D, 2020, 102, 1.	1.6	22
121	Search for heavy neutral Higgs bosons produced in association with $b\bar{b}$ -quarks and decaying into $b\bar{b}$ -quarks at $\sqrt{s} = 13$ TeV proton-proton collisions at the ATLAS detector. Physical Review D, 2020, 102, 1.	1.6	22
122	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.	1.6	36
123	Search for charged-neutralino production with mass splittings near the electroweak scale in three-lepton final states in $\sqrt{s} = 13$ TeV proton-proton collisions with the ATLAS detector. Physical Review D, 2020, 101, 1.	1.6	28
124	ATLAS data quality operations and performance for 2015–2018 data-taking. Journal of Instrumentation, 2020, 15, P04003-P04003.	0.5	68
125	Measurement of the Lund Jet Plane Using Charged Particles in $\sqrt{s} = 13$ TeV Proton-Proton Collisions with the ATLAS Detector. Physical Review Letters, 2020, 124, 222002.	2.9	28
126	Test of CP invariance in vector-boson fusion production of the Higgs boson in the $H \rightarrow \tau^+\tau^-$ channel in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135426.	1.5	22

#	ARTICLE	IF	CITATIONS
127	Measurement of Azimuthal Anisotropy of Muons from Charm and Bottom Hadrons in $\sqrt{s} = 13$ TeV proton-proton collisions at the ATLAS detector. <i>Physical Review Letters</i> , 2020, 124, 031801.	2.9	17
128	Measurement of the Z production cross-section and lepton differential distributions in dilepton events from pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020, 80, .	1.4	26
129	Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fb ⁻¹ of data collected with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	19
130	Search for dijet resonances in events with an isolated charged lepton using $\sqrt{s} = 13$ TeV proton-proton collision data collected by the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	7
131	Measurement of the Z production cross-section and lepton differential distributions in dilepton events from pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2020, 124, 031802.	1.5	11
132	Search for Magnetic Monopoles and Stable High-Electric-Charge Objects in 13 TeV Proton-Proton Collisions with the ATLAS Detector. <i>Physical Review Letters</i> , 2020, 124, 031802.	2.9	25
133	Measurement of the Z production cross-section in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	9
134	Measurement of long-range two-particle azimuthal correlations in Z-boson tagged pp collisions at $\sqrt{s} = 8$ and 13 TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	5
135	Transverse momentum and process dependent azimuthal anisotropies in $\sqrt{s} = 13$ TeV p+Pb collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	12
136	Measurement of J/ψ production in association with a W boson with pp data at 8 TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	10
137	Search for new resonances in mass distributions of jet pairs using 139 fb ⁻¹ of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	68
138	Search for Z resonances in fully hadronic final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	14
139	Reconstruction and identification of boosted di- τ systems in a search for Higgs boson pairs using 13 TeV proton-proton collision data in ATLAS. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	8
140	Evidence for electroweak production of two jets in association with a Z pair in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2020, 125, 251802.	1.5	9
141	Measurement of the Z production cross-section and lepton differential distributions in dilepton events from pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2020, 125, 251802.	1.6	14
142	Search for Heavy Resonances Decaying into a Photon and a Hadronically Decaying Higgs Boson in pp Collisions at $\sqrt{s} = 13$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2020, 125, 251802.	2.9	6
143	Observation and Measurement of Forward Proton Scattering in Association with Lepton Pairs Produced via the Photon Fusion Mechanism at ATLAS. <i>Physical Review Letters</i> , 2020, 125, 261801.	2.9	22
144	Performance of electron and photon triggers in ATLAS during LHC Run 2. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	93

#	ARTICLE	IF	CITATIONS
145	Search for electroweak production of charginos and sleptons decaying into final states with two leptons and missing transverse momentum in $\sqrt{s}=13\text{ TeV}$ pp collisions using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	124
146	Search for top squarks in events with a Higgs or Z boson using 139 fb^{-1} of pp collision data at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	4
147	Evidence for $\tau^+\tau^-$ production in the multilepton final state in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	30
148	Search for heavy diboson resonances in semileptonic final states in pp collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	29
149	Search for light long-lived neutral particles produced in pp collisions at $\sqrt{s} = 13\text{ TeV}$ and decaying into collimated leptons or light hadrons with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	21
150	Search for a scalar partner of the top quark in the all-hadronic $t\bar{t}$ plus missing transverse momentum final state at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	36
151	Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1.	1.4	12
152	Determination of jet calibration and energy resolution in proton-proton collisions at $\sqrt{s} = 8\text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	15
153	Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s} = 13\text{ TeV}$ pp collision data collected by the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	49
154	Search for long-lived neutral particles in pp collisions at $\sqrt{s} = 13\text{ TeV}$ that decay into displaced hadronic jets in the ATLAS calorimeter. European Physical Journal C, 2019, 79, 1.	1.4	28
155	Search for Higgs boson pair production in the $WW^{(*)}WW^{(*)}$ decay channel using ATLAS data recorded at $\sqrt{s} = 13\text{ TeV}$. Journal of High Energy Physics, 2019, 2019, 1.	1.6	21
156	Search for large missing transverse momentum in association with one top-quark in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	8
157	Measurement of $W^{\pm}Z$ production cross sections and gauge boson polarisation in pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	41
158	Searches for third-generation scalar leptoquarks in $\sqrt{s} = 13\text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	30
159	Search for scalar resonances decaying into $\tau^+\tau^-$ in events with and without b-tagged jets produced in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	15
160	Search for diboson resonances in hadronic final states in 139 fb^{-1} of pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	20
161	Search for excited electrons singly produced in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS experiment at the LHC. European Physical Journal C, 2019, 79, .	1.4	4
162	Identification of boosted Higgs bosons decaying into b-quark pairs with the ATLAS detector at 13 TeV . European Physical Journal C, 2019, 79, .	1.4	21

#	ARTICLE	IF	CITATIONS
163	Measurement of the cross-section and charge asymmetry of W bosons produced in proton-proton collisions at $\sqrt{s}=8\text{-ext}\{\text{TeV}\}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	24
164	Properties of jet fragmentation using charged particles measured with the ATLAS detector in $\sqrt{s}=8\text{-ext}\{\text{TeV}\}$ collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Physical Review D, 2019, 100.	1.6	9
165	Measurement of jet-substructure observables in top quark, W boson and light jet production in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
166	Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC proton-proton collision data at $\sqrt{s}=13\text{ TeV}$. European Physical Journal C, 2019, 79, 1.	1.4	77
167	Measurement of distributions sensitive to the underlying event in inclusive Z boson production in pp collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	3
168	Searches for scalar leptoquarks and differential cross-section measurements in dilepton-dijet events in proton-proton collisions at a centre-of-mass energy of $\sqrt{s}=13\text{ TeV}$ with the ATLAS experiment. European Physical Journal C, 2019, 79, 1.	1.4	22
169	Search for single production of vector-like quarks decaying into Wb in pp collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	27
170	Search for top-quark decays $t \rightarrow Hq$ with 36 fb^{-1} of pp collision data at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	19
171	Measurement of VH 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.	1.6	14
172	Measurements of W and Z boson production in pp collisions at $\sqrt{s}=5.02\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	17
173	Performance of top-quark and W-boson tagging with ATLAS in Run 2 of the LHC. European Physical Journal C, 2019, 79, 1.	1.4	42
174	Measurements of inclusive and differential fiducial cross-sections of $t\bar{t}\gamma$ production in leptonic final states at $\sqrt{s}=13\text{-ext}\{\text{TeV}\}$ in ATLAS. European Physical Journal C, 2019, 79, 1.	1.4	14
175	Electron and photon energy calibration with the ATLAS detector using 2015-2016 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P03017-P03017.	0.5	37
176	Search for doubly charged scalar bosons decaying into same-sign W boson pairs with the ATLAS detector. European Physical Journal C, 2019, 79, 58.	1.4	61
177	Search for heavy Majorana or Dirac neutrinos and right-handed W gauge bosons in final states with two charged leptons and two jets at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	39
178	In situ calibration of large-radius jet energy and mass in 13 TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	28
179	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.	1.4	46
180	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.	1.6	6

#	ARTICLE	IF	CITATIONS
181	Measurement of the top quark mass in the $t \rightarrow t \hat{A}^-$. European Physical Journal C, 2019, 79, 1.	1.4	47
182	Search for pair production of Higgs bosons in the $b\bar{b}$ final state using proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	55
183	A strategy for a general search for new phenomena using data-derived signal regions and its application within the ATLAS experiment. European Physical Journal C, 2019, 79, 1.	1.4	25
184	Measurement of the top-quark mass in $t + 1$ -jet events collected with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	27
185	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.	1.4	24
186	Measurement of ZZ production in the $\hat{a}, \hat{a}, \hat{1}/2\hat{1}/2$ final state with the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
187	Measurement of W^{\pm} -boson and Z-boson production cross-sections in pp collisions at $\sqrt{s}=2.76$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	8
188	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.	1.4	9
189	Electron and photon performance measurements with the ATLAS detector using the 2015-2017 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P12006-P12006.	0.5	124
190	Search for heavy neutral leptons in decays of W bosons produced in 13 TeV pp collisions using prompt and displaced signatures with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	50
191	Measurement of W^{\pm} boson production in Pb+Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ -ext {TeV}ext {V} with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	17
192	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.	1.4	130
193	Measurement of flow harmonics correlations with mean transverse momentum in lead-lead and proton-lead collisions at $\sqrt{s_{\text{NN}}} = 5.02$ -hbox {TeV} with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	36
194	Measurements of top-quark pair differential and double-differential cross-sections in the $ell + jets$ channel with pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	34
195	Search for bottom-quark pair production with the ATLAS detector in final states containing Higgs bosons, b-jets and missing transverse momentum. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
196	Measurement of the inclusive isolated-photon cross section in pp collisions at $\sqrt{s} = 13$ TeV using 36 fb ⁻¹ of ATLAS data. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
197	Measurement of S^0 and Λ^0 production in $t\bar{t}$ dileptonic events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	4
198	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fb ⁻¹ of pp collisions at $s = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	116

#	ARTICLE	IF	CITATIONS
199	Measurement of the cross-section for producing a W boson in association with a single top quark in pp collisions at $\sqrt{s}=13$ TeV with ATLAS. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
200	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.	1.4	218
201	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.	1.4	13
202	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.	1.4	52
203	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ and 5.0. European Physical Journal C, 2018, 78, 142.	1.4	59
204	Measurement of quarkonium production in proton-lead and proton-proton collisions at $\sqrt{s}=5.02$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 171.	1.4	75
205	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.	1.4	20
206	Search for heavy ZZ resonances in the $e^+e^- \rightarrow e^+e^- \gamma \gamma$ final states using proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 293.	1.4	101
207	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.	1.4	66
208	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 fb^{-1} of $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
209	Search for heavy resonances decaying into WW in the $e^+e^- \rightarrow e^+e^- \gamma \gamma$ final state in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 24.	1.4	108
210	Direct top-quark decay width measurement in the $t \rightarrow t \bar{\nu}_\tau$ lepton+jets channel at $\sqrt{s}=8$ TeV with the ATLAS experiment. European Physical Journal C, 2018, 78, 129.	1.4	17
211	Search for WW/Z resonance production in $q\bar{q}$ final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	31
212	Measurement of the Higgs boson coupling properties in the $H \rightarrow Z\gamma$ decay channel at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	46
213	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the $H \rightarrow a a$ channel in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	28
214	Measurement of the $Z\gamma \rightarrow u\bar{u}$ production cross section in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector and limits on anomalous triple gauge-boson couplings. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
215	Prompt and non-prompt J/ψ elliptic flow in Pb+Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 784.	1.4	19
216	Search for Higgs boson pair production in the $\gamma\gamma \rightarrow W^+W^-$ channel using pp collision data recorded at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 1007.	1.4	53

#	ARTICLE	IF	CITATIONS
217	Measurement of colour flow using jet-pull observables in $t\bar{t}$ events with the ATLAS experiment at $\sqrt{s} = 13, \sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 847.	1.4	16
218	Angular analysis of $B_0 \rightarrow \bar{K}^{*0} \ell^+ \ell^-$ decays in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	76
219	Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in 36 fb^{-1} of pp collisions at. European Physical Journal C, 2018, 78, 401.	1.4	50
220	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.	1.6	29
221	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.	1.6	9
222	Search for Higgs boson pair production in the $\gamma\gamma$ final state with 13 TeV pp collision data collected by the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	1.6	38
223	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.	1.6	30
224	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.	1.4	51
225	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.	1.4	181
226	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.	1.4	125
227	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.	1.6	56
228	Operation and performance of the ATLAS Tile Calorimeter in Run 1. European Physical Journal C, 2018, 78, 987.	1.4	25
229	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.	1.6	37
230	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.	1.6	22
231	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 fb^{-1} of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	48
232	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.	1.6	67
233	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.	1.6	15
234	Search for charged Higgs bosons decaying via $H^{\pm} \rightarrow \bar{\nu}_\mu \nu_\mu$, in the $\bar{\nu}_\mu$ +jets and $\bar{\nu}_\mu$ +lepton final states with 36 fb^{-1} of pp collision data recorded at $\sqrt{s} = 13$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	1.6	59

#	ARTICLE	IF	CITATIONS
235	Prompt and non-prompt J/ψ 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.	1.4	61
236	Search for Higgs boson decays to beyond-the-Standard-Model light bosons in four-lepton events with the ATLAS detector at $\sqrt{s}=13\text{ TeV}$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	31
237	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.	1.6	16
238	Measurements of b-jet tagging efficiency with the ATLAS detector using $t\bar{t}$ events at $\sqrt{s}=13\text{ TeV}$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
239	Search for flavour-changing neutral current top-quark decays $t \rightarrow qZ$ in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
240	Measurement of the inclusive and fiducial $t\bar{t}$ production cross-sections in the. European Physical Journal C, 2018, 78, 487.	1.4	10
241	Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2018, 78, 565.	1.4	79
242	Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in $\sqrt{s}=13\text{ TeV}$ pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 625.	1.4	27
243	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.	1.6	136
244	Measurement of inclusive jet and dijet cross-sections in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
245	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s}=13\text{ TeV}$. European Physical Journal C, 2018, 78, 199.	1.4	132
246	Measurement of σ_{pol} , polarisation in $Z/\gamma \rightarrow \mu\mu$. European Physical Journal C, 2018, 78, 163.	1.4	7
247	Searches for heavy ZZ and ZW resonances in the $q\bar{q}$ and $1/2q\bar{q}$ final states in pp collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29
248	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.	1.6	33
249	Measurement of differential cross sections and W^+/W^{\pm} cross-section ratios for W boson production in association with jets at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
250	Increase of prostaglandin E2 in the reversal of fetal ductal constriction after polyphenol restriction. Ultrasound in Obstetrics and Gynecology, 2018, 52, 617-622.	0.9	13
251	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 fb^{-1} ($\sqrt{s}=13$) TeV pp collisions with the ATLAS detector. , 2018, 2018, 1.		1
252	Measurement of the W-boson mass in pp collisions at ($\sqrt{s}=7, 8\text{ TeV}$) with the ATLAS detector. , 2018, 78, 1.		1

#	ARTICLE	IF	CITATIONS
253	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. , 2018, 78, 1.		1
254	Measurement of the $\sigma(\text{pp} \rightarrow t\bar{t}\hat{A}Z)$ and $\sigma(\text{pp} \rightarrow t\bar{t}\hat{A}W)$ 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.	1.4	41
255	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.	1.4	29
256	Measurement of the inclusive cross-sections of single top-quark and top-antiquark t -channel production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	29
257	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 with the ATLAS detector. European Physical Journal C, 2017, 77, 220.	1.4	11
258	Measurement of the W boson polarisation in $\text{pp} \rightarrow t\bar{t}\hat{A}$ events from pp collisions at $\sqrt{s} = 8$ TeV in the lepton+jets channel with ATLAS. European Physical Journal C, 2017, 77, 264.	1.4	37
259	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. European Physical Journal C, 2017, 77, 195.	1.4	87
260	Measurements of top-quark pair differential cross-sections in the $\text{pp} \rightarrow t\bar{t}e\bar{\nu}_e$ channel in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. European Physical Journal C, 2017, 77, 292.	1.4	27
261	Performance of algorithms that reconstruct missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV in the ATLAS detector. European Physical Journal C, 2017, 77, 241.	1.4	61
262	Measurement of the prompt J/ψ pair production cross-section in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 76.	1.4	81
263	Search for triboson W^+W^-W production in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 141.	1.4	25
264	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490.	1.4	325
265	Fiducial, total and differential cross-section measurements of t -channel single top-quark production in pp collisions at 8 TeV using data collected by the ATLAS detector. European Physical Journal C, 2017, 77, 531.	1.4	56
266	Measurements of electroweak Wjj production and constraints on anomalous gauge couplings with the ATLAS detector. European Physical Journal C, 2017, 77, 474.	1.4	26
267	Jet reconstruction and performance using particle flow with the ATLAS Detector. European Physical Journal C, 2017, 77, 466.	1.4	145
268	Measurement of multi-particle azimuthal correlations in pp , $p\bar{A}+A\bar{p}$ and low-multiplicity $Pb\bar{A}+A\bar{P}b$ collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 428.	1.4	86
269	Measurement of inclusive and differential cross sections in the $H \rightarrow ZZ^* \rightarrow 4\ell$ decay channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	31
270	Measurement of lepton differential distributions and the top quark mass in $\text{pp} \rightarrow t\bar{t}\hat{A}$. European Physical Journal C, 2017, 77, 804.	1.4	28

#	ARTICLE	IF	CITATIONS
271	Measurement of the γ production cross section in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
272	Measurements of charge and CP asymmetries in b-hadron decays using top-quark events collected by the ATLAS detector in pp collisions at $s = 8 \sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
273	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. European Physical Journal C, 2017, 77, 673.	1.4	75
274	Search for new phenomena in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\sqrt{s}=13$ TeV $\sqrt{s}=13$ TeV $\sqrt{s}=13$ TeV $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 144.	1.4	12
275	Measurement of the ZZ production cross section in proton-proton collisions at $s = 8 \sqrt{s}=8$ TeV using the ZZ $\gamma\gamma$, $\gamma\gamma$, $\gamma\gamma$, $\gamma\gamma$, $\gamma\gamma$ and ZZ $\gamma\gamma$, $\gamma\gamma$, $\gamma\gamma$, $\gamma\gamma$ decay channels with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.		
276	Probing the W tb vertex structure in t-channel single-top-quark production and decay in pp collisions at $s = 8 \sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	17
277	Measurements of $\Upsilon(2S)$ and $\chi(3872)$ $\gamma\gamma$ production in pp collisions at $s = 8 \sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	33
278	Measurements of top-quark pair to Z-boson cross-section ratios at $s = 13 \sqrt{s}=13$ TeV, 8, 7 TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13
279	Search for lepton-flavour-violating decays of the Higgs and Z bosons with the ATLAS detector. European Physical Journal C, 2017, 77, 70.	1.4	79
280	Performance of the ATLAS trigger system in 2015. European Physical Journal C, 2017, 77, 317.	1.4	489
281	Reconstruction of primary vertices at the ATLAS experiment in Run 1 proton-proton collisions at the LHC. European Physical Journal C, 2017, 77, 332.	1.4	71
282	Measurements of the production cross section of a Z boson in association with jets in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 361.	1.4	47
283	Precision measurement and interpretation of inclusive W^+W^- , W^+W^- . European Physical Journal C, 2017, 77, 367.	1.4	145
284	Measurement of jet fragmentation in Pb+Pb and pp collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 379.	1.4	51
285	Search for dark matter at $\sqrt{s}=13$ TeV in final states containing an energetic photon and large missing transverse momentum with the ATLAS detector. European Physical Journal C, 2017, 77, 393.	1.4	80
286	Measurement of charged-particle distributions sensitive to the underlying event in $s = 13 \sqrt{s}=13$ TeV proton-proton collisions with the ATLAS detector at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
287	Search for direct top squark pair production in final states with two leptons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 898.	1.4	50
288	Search for direct top squark pair production in events with a Higgs or Z boson, and missing transverse momentum in $s = 13 \sqrt{s}=13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	8

#	ARTICLE	IF	CITATIONS
289	Measurement of detector-corrected observables sensitive to the anomalous production of events with jets and large missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. European Physical Journal C, 2017, 77, 765.	1.4	19
290	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.	1.6	8
291	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.	1.6	17
292	Measurement of the inclusive jet cross-sections in proton-proton collisions at $s = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	23
293	Search for pair production of vector-like top quarks in events with one lepton, jets, and missing transverse momentum in $s = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	38
294	Identification and rejection of pile-up jets at high pseudorapidity with the ATLAS detector. European Physical Journal C, 2017, 77, 580.	1.4	35
295	Measurement of $WW/WZ \rightarrow \ell u q \bar{q}'$ $WW/WZ \rightarrow \ell q \bar{q}'$ production with the hadronically decaying boson reconstructed as one or two jets in pp collisions at $\sqrt{s} = 8$ TeV with ATLAS, and constraints on anomalous gauge couplings. European Physical Journal C, 2017, 77, 563.	1.4	28
296	Search for new phenomena in a lepton plus high jet multiplicity final state with the ATLAS experiment using $s = 13$ TeV proton-proton collision data. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12
297	Searches for the $Z\bar{1}^3$ decay mode of the Higgs boson and for new high-mass resonances in pp collisions at $s = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	30
298	Studies of $Z\bar{1}^3$ production in association with a high-mass dijet system in pp collisions at $s = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
299	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.	1.6	16
300	Search for top quark decays $t \rightarrow qH$, with $H \rightarrow Z\bar{1}^3$, in $s = 13$ TeV pp collisions using the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	18
301	Study of $WW\gamma WW\bar{1}^3$ and $WZ\gamma WZ$. European Physical Journal C, 2017, 77, 646.	1.4	30
302	Measurements of top quark spin observables in $t\bar{t} \rightarrow \ell\bar{\ell}$ events using dilepton final states in $s = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	20
303	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. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
304	Top-quark mass measurement in the all-hadronic $t\bar{t} \rightarrow \ell\bar{\ell}$ decay channel at $s = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	16
305	Measurement of the Drell-Yan triple-differential cross section in pp collisions at $s = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	28
306	Search for a scalar partner of the top quark in the jets plus missing transverse momentum final state at $s = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	45

#	ARTICLE	IF	CITATIONS
307	Search for supersymmetry in final states with two same-sign or three leptons and jets using 36 fb ⁻¹ of $\sqrt{s}=13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	31
308	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 $s = 13 \sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	36
309	Measurement of the kt splitting scales in Z $\hat{+}$ $\hat{+}$, “ $\hat{+}$,” events in pp collisions at $s = 8 \sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
310	Analysis of the Wtb vertex from the measurement of triple-differential angular decay rates of single top quarks produced in the t-channel at $s = 8 \sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	8
311	Evidence for the H $\hat{+}$ b b $\hat{-}$ $\text{H} \overline{\text{b}} \text{b}$ decay with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	64
312	Search for new high-mass phenomena in the dilepton final state using 36 fb ⁻¹ of proton-proton collision data at $s = 13 \sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	168
313	Determination of the strong coupling constant α_{ms} from transverse energy-energy correlations in multijet events at $\sqrt{s} = 8 \text{ TeV}$. European Physical Journal C, 2017, 77, 872.	1.4	32
314	Forward-Backward Multiplicity Correlations at the LHC from Independent Sources. Acta Physica Polonica B, 2017, 48, 113.	0.3	1
315	Study of hard double-parton scattering in four-jet events in pp collisions at $s = 7 \sqrt{s}=7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.	1.6	30
316	Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in $s = 8 \sqrt{s}=8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	10
317	Measurement of event-shape observables in $Z \rightarrow e^+ e^- Z \hat{+}$ $\hat{+}$, “ $\hat{+}$,” - events in pp collisions at $\sqrt{s}=7 \text{ TeV}$ with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 375.	1.4	15
318	Charged-particle distributions in pp interactions at $\sqrt{s}=8 \text{ TeV}$ measured with the ATLAS detector. European Physical Journal C, 2016, 76, 403.	1.4	30
319	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.	1.4	61
320	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.	1.4	37
321	Search for minimal supersymmetric standard model Higgs Bosons H/A and for a Z^{\prime} boson in the Au Au , Pb Pb , final state produced in pp collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 585.	1.4	51
322	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run-1 data. European Physical Journal C, 2016, 76, 666.	1.4	73
323	Measurement of the $\overline{\text{b}} \text{b}$ dijet cross section in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 670.	1.4	12
324	The performance of the jet trigger for the ATLAS detector during 2011 data taking. European Physical Journal C, 2016, 76, 526.	1.4	21

#	ARTICLE	IF	CITATIONS
325	Search for new phenomena in different-flavour high-mass dilepton final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 541.	1.4	23
326	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.	1.4	24
327	Muon reconstruction performance of the ATLAS detector in proton-proton collision data at $\sqrt{s}=13$ TeV. European Physical Journal C, 2016, 76, 292.	1.4	453
328	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.	1.4	48
329	Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 565.	1.4	31
330	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $s=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	44
331	Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at $s=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	71
332	Search for flavour-changing neutral current top-quark decays to qZ in pp collision data collected with the ATLAS detector at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 12.	1.4	39
333	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 87.	1.4	39
334	Search for direct top squark pair production in final states with two tau leptons in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 81.	1.4	10
335	Search for charged Higgs bosons in the $H^{\pm} \rightarrow tb$ decay channel in pp collisions at $s=8$ TeV using the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	43
336	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.	1.4	46
337	Search for supersymmetry in a final state containing two photons and missing transverse momentum in pp collision data at $\sqrt{s}=13$ TeV. European Physical Journal C, 2016, 76, 517.	1.4	24
338	Search for resonances in diphoton events at $s=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	70
339	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.	1.4	43
340	Measurement of the relative width difference of the $B^0 \rightarrow B^0$ system with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
341	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. European Physical Journal C, 2016, 76, 295.	1.4	50
342	Performance of pile-up mitigation techniques for jets in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 581.	1.4	298

#	ARTICLE	IF	CITATIONS
343	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.	1.4	51
344	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.	1.6	4
345	Measurement of the transverse momentum and ϕ^*_{η} 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.	1.4	154
346	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to $WW \rightarrow e^+e^-$ with the ATLAS detector at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
347	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.	1.6	20
348	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.	1.6	14
349	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.	1.6	17
350	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.	1.2	2
351	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.	0.5	11
352	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.	1.4	115
353	Participant and spectator scaling of spectator fragments in Au + Au and Cu + Cu collisions at $\sqrt{s_{NN}}=19.6$ and 22.4 GeV. Physical Review C, 2016, 94, .	1.1	6
354	Measurement of the differential cross-sections of prompt and non-prompt production of J/ψ and $\psi(2S)$ in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 283.	1.4	63
355	Luminosity determination in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 653.	1.4	279
356	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.	1.4	11
357	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 TeV with the ATLAS detector". European Physical Journal C, 2016, 76, 1.	1.4	19
358	Measurement of the angular coefficients in Z-boson events using electron and muon pairs from data taken at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	33
359	Searches for heavy diboson resonances in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	25
360	Dark matter interpretations of ATLAS searches for the electroweak production of supersymmetric particles in $\sqrt{s}=8$ TeV proton-proton collisions. Journal of High Energy Physics, 2016, 2016, 1.	1.6	16

#	ARTICLE	IF	CITATIONS
361	Search for the Standard Model Higgs boson decaying into $b\bar{b}$ produced in association with top quarks decaying hadronically in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	21
362	Measurement of the CP-violating phase γ and the B_s^0 meson decay width difference with $B_s^0 \rightarrow \mu^+\mu^-$ decays in ATLAS. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
363	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.	1.4	73
364	Measurement of the double-differential high-mass Drell-Yan cross section in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	38
365	A search for prompt lepton-jets in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	31
366	Search for new phenomena with photon+jet events in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
367	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at $\sqrt{s_{NN}}=5.02$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 199.	1.4	60
368	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.	1.6	14
369	Search for the production of single vector-like and excited quarks in the Wt final state in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	19
370	Search for strong gravity in multijet final states produced in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector at the LHC. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
371	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.	1.4	62
372	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.	1.4	95
373	Probing lepton flavour violation via neutrinoless $\tau \rightarrow 3\mu$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 232.	1.4	19
374	A new method to distinguish hadronically decaying boosted Z bosons from W bosons using the ATLAS detector. European Physical Journal C, 2016, 76, 238.	1.4	9
375	Search for supersymmetry at $\sqrt{s}=13$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. European Physical Journal C, 2016, 76, 259.	1.4	72
376	Search for invisible decays of a Higgs boson using vector-boson fusion in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	49
377	Search for anomalous couplings in the Wtb vertex from the measurement of double differential angular decay rates of single top quarks produced in the t-channel with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1-46.	1.6	13
378	Searches for scalar leptoquarks in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 5.	1.4	109

#	ARTICLE	IF	CITATIONS
379	Measurements of the Higgs boson production and decay rates and coupling strengths using pp collision data at $\sqrt{s}=7$ and 8 TeV in the ATLAS experiment. European Physical Journal C, 2016, 76, 6.	1.4	274
380	Measurements of fiducial cross-sections for $t\bar{t}\hat{A}$ production with one or two additional b-jets in pp collisions at $\sqrt{s}=8\text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2016, 76, 11.	1.4	54
381	Study of the $B_c^+ \rightarrow J/\psi D_s^+ B_c + \hat{A}^+ J/\psi D_s^+$ and $B_c^+ \rightarrow J/\psi D_s^+ B_c + \hat{A}^+ J/\psi D_s^+$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 4.	1.4	40
382	Search for an additional, heavy Higgs boson in the $H \rightarrow ZZ H \hat{A}^+ Z Z$ decay channel at $\sqrt{s}=8\text{ TeV}$ in pp collision data with the ATLAS detector. European Physical Journal C, 2016, 76, 45.	1.4	197
383	Search for single top-quark production via flavour-changing neutral currents at 8 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 55.	1.4	43
384	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $(\sqrt{s}=8, \text{TeV})$ with the ATLAS detector. , 2016, 76, 1.		1
385	Nucleon-gold collisions at $\sqrt{s}=200\text{ GeV}$ using tagged Au interactions in the PHOBOS detector. Physical Review C, 2015, 92, .	1.1	0
386	Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at $\sqrt{s}=8\text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	4
387	A search for high-mass resonances decaying to \bar{l}, l, \hat{A}^0 in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	23
388	Summary of the ATLAS experiment's sensitivity to supersymmetry after LHC Run 1 interpreted in the phenomenological MSSM. Journal of High Energy Physics, 2015, 2015, 1.	1.6	55
389	Search for lepton-flavour-violating $H \hat{A}^+ \rightarrow l\bar{l}$, decays of the Higgs boson with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	52
390	Measurement of four-jet differential cross sections in $\sqrt{s}=8\text{ TeV}$ proton-proton collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-76.	1.6	11
391	A search for $t\bar{t}\hat{A}$ resonances using lepton-plus-jets events in proton-proton collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	66
392	Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	28
393	Measurement of charged-particle spectra in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ with the ATLAS detector at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	1.6	67
394	Analysis of events with b-jets and a pair of leptons of the same charge in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
395	Constraints on new phenomena via Higgs boson couplings and invisible decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	108
396	Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-39.	1.6	78

#	ARTICLE	IF	CITATIONS
397	Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at $s = 7 \sqrt{s}=7 \text{ TeV}$ in the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	40
398	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at $\sqrt{s}=8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	84
399	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	71
400	Search for new phenomena in events with three or more charged leptons in pp collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	20
401	Summary of the searches for squarks and gluinos using $s = 8 \sqrt{s}=8 \text{ TeV}$ pp collisions with the ATLAS experiment at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
402	Determination of the top-quark pole mass using $t \bar{t} + 1\text{-jet}$ events collected with the ATLAS experiment in 7 TeV pp collisions. Journal of High Energy Physics, 2015, 2015, 1.	1.6	25
403	Measurement of the $t \bar{t} W$ and $t \bar{t} Z$ production cross sections in pp collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	22
404	Search for flavour-changing neutral current top quark decays $t \rightarrow H q$ in pp collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-65.	1.6	19
405	Search for heavy lepton resonances decaying to a Z boson and a lepton in pp collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	36
406	Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at $s = 8 \sqrt{s}=8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	42
407	Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	116
408	Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at $s = 7 \sqrt{s}=7 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
409	Search for $W' \rightarrow t b$ decays in pp collisions at $\sqrt{s}=8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 165.	1.4	35
410	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.	1.4	17
411	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.	1.4	67
412	Study of (W/Z)H production and Higgs boson couplings using $H \rightarrow W W$ decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	22
413	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.	1.4	27
414	Measurement of the production and lepton charge asymmetry of W bosons in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76 \text{ TeV}$. European Physical Journal C, 2015, 75, 23.	1.4	41

#	ARTICLE	IF	CITATIONS
415	Jet energy measurement and its systematic uncertainty in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 17.	1.4	268
416	Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 79.	1.4	30
417	Search for resonant diboson production in the $q\bar{q} \rightarrow \gamma^* \rightarrow \ell\ell$ final state in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	1.4	74
418	Measurements of the W production cross sections in association with jets with the ATLAS detector. European Physical Journal C, 2015, 75, 82.	1.4	92
419	Search for dark matter in events with heavy quarks and missing transverse momentum in pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 92.	1.4	77
420	Measurement of the $t\bar{t} \rightarrow \ell\ell$ production cross-section as a function of jet multiplicity and jet transverse momentum in 7 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
421	Measurement of the W production cross section and limits on anomalous triple gauge couplings using final states with one lepton, missing transverse momentum, and two jets with the ATLAS detector at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	27
422	Searches for heavy long-lived charged particles with the ATLAS detector in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
423	Search for the $b \rightarrow b\gamma$ decay of the Standard Model Higgs boson in associated (W/Z)H production with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	89
424	Measurement of the inclusive jet cross-section in proton-proton collisions at $\sqrt{s}=7$ TeV using 4.5 fb ⁻¹ of data with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	35
425	Search for anomalous production of prompt same-sign lepton pairs and pair-produced doubly charged Higgs bosons with $\sqrt{s}=8$ TeV pp collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
426	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \tau^-$ in fully hadronic final states using pp collision data at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	69
427	Search for production of W resonances decaying to a lepton, neutrino and jets in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 209.	1.4	79
428	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 120.	1.4	62
429	Search for Higgs boson pair production in the $b\bar{b} \rightarrow b\bar{b}H \rightarrow b\bar{b}H$ final state from pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 412.	1.4	90
430	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.	1.4	21
431	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.	1.4	238
432	Search for a new resonance decaying to a W or Z boson and a Higgs boson in the $\ell\ell \rightarrow \ell\ell u / u u + b\bar{b} \rightarrow \ell\ell \gamma, \ell\ell \tau, \ell\ell \tau^+ \tau^- + b\bar{b}H$ final states with the ATLAS detector. European Physical Journal C, 2015, 75, 263.	1.4	60

#	ARTICLE	IF	CITATIONS
433	Measurement of three-jet production cross-sections in pp collisions at $\sqrt{s} = 7$ TeV centre-of-mass energy using the ATLAS detector. European Physical Journal C, 2015, 75, 228.	1.4	23
434	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.	1.4	95
435	Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 303.	1.4	70
436	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. European Physical Journal C, 2015, 75, 476.	1.4	174
437	Observation and measurements of the production of prompt and non-prompt J/ψ 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.	1.4	64
438	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.	1.4	123
439	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.	1.4	56
440	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.	1.4	36
441	Two-particle Bose-Einstein correlations in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV measured with the ATLAS detector. European Physical Journal C, 2015, 75, 466.	1.4	42
442	Measurement of the top quark mass in the $t \rightarrow \text{lepton} + \text{jets}$ and $t \rightarrow \text{dilepton}$ channels using $\sqrt{s} = 7$ TeV ATLAS data. European Physical Journal C, 2015, 75, 330.	1.4	52
443	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. European Physical Journal C, 2015, 75, 510.	1.4	138
444	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. , 2015, 2015, 1.		3
445	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
446	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
447	Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	82
448	Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton-proton collision data. European Physical Journal C, 2014, 74, 3130.	1.4	213
449	Measurements of jet vetoes and azimuthal decorrelations in dijet events produced in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. European Physical Journal C, 2014, 74, 3117.	1.4	40
450	A measurement of the ratio of the production cross sections for WW and ZZ bosons in association with jets with the ATLAS detector. European Physical Journal C, 2014, 74, 3168.	1.4	23

#	ARTICLE	IF	CITATIONS
451	Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45
452	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb^{-1} of $s \sqrt{s} = 8 \text{ TeV}$ proton-proton collision data with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	12
453	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using $s = 8 \sqrt{s} = 8 \text{ TeV}$ proton-proton collision data. Journal of High Energy Physics, 2014, 2014, 1.	1.6	128
454	Measurement of the $\sigma(\text{top} \bar{\text{t}})$ production cross-section using $\mu e \frac{1}{4}$ events with b -tagged jets in pp collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3109.	1.4	143
455	Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in $s \sqrt{s} = 8 \text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	66
456	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ in 2010. European Physical Journal C, 2014, 74, 3034.	1.4	58
457	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. European Physical Journal C, 2014, 74, 1.	1.4	172
458	Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2014, 74, 3134.	1.4	48
459	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2014, 74, 3157.	1.4	68
460	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2014, 74, 3195.	1.4	46
461	Search for direct pair production of the top squark in all-hadronic final states in proton-proton collisions at $s \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	41
462	Measurement of the production cross-section of $\tilde{\chi}(2S) \tilde{\chi}^0 / \tilde{\chi}^{\pm} (\tilde{\chi}^{\pm} \frac{1}{4} + \frac{1}{4} \tilde{\chi}^{\mp}) \tilde{\chi}^0 + \tilde{\chi}^{\pm} \tilde{\chi}^{\mp}$ in pp collisions at $s \sqrt{s} = 7 \text{ TeV}$ at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21
463	Measurement of the $Z \tilde{\chi}^0$ boson transverse momentum distribution in pp collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	131
464	Search for strong production of supersymmetric particles in final states with missing transverse momentum and at least three b-jets at $s = 8 \sqrt{s} = 8 \text{ TeV}$ proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	38
465	Measurement of differential production cross-sections for a Z boson in association with b-jets in 7 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45
466	Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	47
467	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.	1.6	35
468	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.	1.6	42

#	ARTICLE	IF	CITATIONS
469	Search for the direct production of charginos, neutralinos and staus in final states with at least two hadronically decaying taus and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	40
470	The differential production cross section of the $\phi(1020)$ meson in $\sqrt{s} = 7$ TeV pp collisions measured with the ATLAS detector. European Physical Journal C, 2014, 74, 2895.	1.4	13
471	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data. European Physical Journal C, 2014, 74, 2941.	1.4	204
472	Measurement of the underlying event in jet events from $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 1.	1.4	23
473	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.	1.4	22
474	Light-quark and gluon jet discrimination in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3023.	1.4	77
475	Measurement of the electroweak production of dijets in association with a Z-boson and distributions sensitive to vector boson fusion in proton-proton collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22
476	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	88
477	Measurement of the production cross section of prompt J/ψ mesons in association with a W^{\pm} boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
478	Measurement of dijet cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	36
479	Measurement of the production of a W boson in association with a charm quark in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	59
480	Search for direct production of charginos, neutralinos and sleptons in final states with two leptons and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	145
481	Search for supersymmetry at $\sqrt{s} = 8$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45
482	Measurement of the low-mass Drell-Yan differential cross section at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
483	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.	1.6	59
484	Measurement of χ_{c1} and χ_{c2} production with $\sqrt{s} = 7$ TeV pp collisions at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	32
485	Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	10
486	Search for new particles in events with one lepton and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45

#	ARTICLE	IF	CITATIONS
487	Search for direct top squark pair production in events with a Z boson, b -jets and missing transverse momentum in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 2883.	1.4	55
488	Measurement of the $t\bar{t}$ production cross-section using $(e\mu)$ events with (b) -tagged jets in (pp) collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. , 2014, 74, 1.		2
489	Domain-Oriented Services for High Energy Physics in Polish Computing Centers. Lecture Notes in Computer Science, 2014, , 226-237.	1.0	0
490	Measurement of the production cross section of jets in association with a Z boson in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	73
491	Measurement of the cross-section for W boson production in association with b -jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	53
492	Search for third generation scalar leptoquarks in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	32
493	Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	137
494	Measurement of ZZ production in pp collisions at $\sqrt{s}=7$ TeV and limits on anomalous ZZZ and $ZZ\gamma^3$ couplings with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	61
495	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.	1.6	19
496	Search for the neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	52
497	Measurement of k_T splitting scales in $W\ell^+\ell^-$ events at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	1.4	19
498	Search for a light charged Higgs boson in the decay channel $H^+ \rightarrow c\bar{s}$ in $t\bar{t}$ events using pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2013, 73, 2465.	1.4	119
499	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.	1.6	102
500	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.	1.6	71
501	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.	1.6	31
502	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.	1.6	52
503	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.	1.4	362
504	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.	1.4	105

#	ARTICLE	IF	CITATIONS
505	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.	1.4	34

506

#	ARTICLE	IF	CITATIONS
523	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.	1.6	12
524	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.	1.6	53
525	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.	1.6	40
526	Search for the Standard Model Higgs boson in the $H \rightarrow \gamma\gamma, \gamma Z, \gamma\gamma^*$ decay mode in $\sqrt{s} = 7 \text{ TeV}$ pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	1.6	43
527	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.	1.6	34
528	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.	1.6	15
529	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.	1.6	54
530	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.	1.6	54
531	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.	1.6	17
532	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.	1.6	48
533	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.	1.6	13
534	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. European Physical Journal C, 2012, 72, 1.	1.4	248
535	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.	1.4	100
536	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.	1.4	13
537	Measurement of 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.	1.4	109
538	A search for 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.	1.4	25
539	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.	1.4	37
540	Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	16

#	ARTICLE	IF	CITATIONS
541	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.	1.4	59
542	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.	1.4	25
543	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.	1.4	22
544	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.	1.4	13
545	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.	1.4	31
546	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.	1.4	36

547

#	ARTICLE	IF	CITATIONS
559	Search for heavy neutrinos and right-handed W bosons in events with two leptons and jets in pp collisions at $\sqrt{s} = 7\text{-TeV}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 2056.	1.4	101
560	Measurement of \tilde{I} , polarization in $W\tilde{I}, \tilde{I}/2$ decays with the ATLAS detector in pp collisions at $\sqrt{s} = 7\text{-TeV}$. European Physical Journal C, 2012, 72, 2062.	1.4	21
561	THE CC1 PROJECT " SYSTEM FOR PRIVATE CLOUD COMPUTING. Computer Science, 2012, 13, 103.	0.4	0
562	Polish Contribution to the Worldwide LHC Computing. Lecture Notes in Computer Science, 2012, , 285-300.	1.0	3
563	Charged-particle multiplicity and pseudorapidity distributions measured with the PHOBOS detector in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{Au} \langle \text{mml:mtext} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mtext} \rangle \text{Au} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{Cu} \langle \text{mml:mtext} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mtext} \rangle \text{Cu} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle$ collisions. Physical Review C, 2011, 83, .	1.1	215
564	ATLAS operations in the GridKa T1/T2 Cloud. Journal of Physics: Conference Series, 2011, 331, 072047.	0.3	0
565	Measurement of inclusive jet and dijet cross sections in \hat{A} proton-proton collisions at $7\hat{A}$ TeV centre-of-mass energy with \hat{A} the \hat{A} ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	114
566	Measurement of the top quark-pair production cross section with \hat{A} ATLAS in pp collisions at $\sqrt{s}=7\hat{A}$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	146
567	Studies of the performance of the ATLAS detector using cosmic-ray muons. European Physical Journal C, 2011, 71, 1.	1.4	17
568	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.	1.4	179
569	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.	1.4	31
570	Search for an excess of events with an identical flavour lepton pair and significant missing transverse momentum in $\sqrt{s}=7\text{ TeV}$ proton \hat{A} proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	18
571	Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $\sqrt{s}=7\text{-TeV}$ proton \hat{A} proton collisions with the ATLAS experiment. European Physical Journal C, 2011, 71, 1.	1.4	41
572	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.	1.4	40
573	Search for diphoton events with large missing transverse energy with 36 fb^{-1} of 7 TeV proton \hat{A} proton collision data with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	15
574	Measurement of multi-jet cross sections in proton \hat{A} proton collisions at a 7 TeV center-of-mass energy. European Physical Journal C, 2011, 71, 1.	1.4	60
575	Measurement of the jet fragmentation function and transverse profile in proton \hat{A} proton collisions at a center-of-mass energy of 7 TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	56
576	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb^{-1} of ATLAS data. European Physical Journal C, 2011, 71, 1.	1.4	14

#	ARTICLE	IF	CITATIONS
577	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.	1.4	39
578	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.	1.4	73
579	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.	1.6	11
580	Inclusive search for same-sign dilepton signatures in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	33
581	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	65
582	ATLAS computing operations within the GridKa Cloud. Journal of Physics: Conference Series, 2010, 219, 072039.	0.3	1
583	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 723-753.	1.4	61
584	The ATLAS Inner Detector commissioning and calibration. European Physical Journal C, 2010, 70, 787-821.	1.4	95
585	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. European Physical Journal C, 2010, 70, 755-785.	1.4	51
586	Commissioning of the ATLAS Muon Spectrometer with cosmic rays. European Physical Journal C, 2010, 70, 875-916.	1.4	23
587	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	1.4	1,187
588	Readiness of the ATLAS Tile Calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 1193-1236.	1.4	121
589	Performance of the ATLAS detector using first collision data. Journal of High Energy Physics, 2010, 2010, 1.	1.6	18
590	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.	1.6	64
591	High Transverse Momentum Triggered Correlations over a Large Pseudorapidity Acceptance in Au-Au Collisions at $\sqrt{s}=2.76$ TeV. European Physical Journal C, 2010, 70, 1823-1834.	2.9	56
592	High Transverse Momentum Triggered Correlations over a Large Pseudorapidity Acceptance in Au-Au Collisions at $\sqrt{s}=2.76$ TeV. European Physical Journal C, 2010, 70, 1823-1834.	2.9	167
593	System size dependence of cluster properties from two-particle angular correlations in Au-Cu collisions at $\sqrt{s}=2.76$ TeV. European Physical Journal C, 2010, 70, 1835-1846.	1.1	65
594	System size dependence of cluster properties from two-particle angular correlations in Au-Cu collisions at $\sqrt{s}=2.76$ TeV. European Physical Journal C, 2010, 70, 1835-1846.	1.1	81

#	ARTICLE	IF	CITATIONS
595	Scaling properties in bulk and particle production near midrapidity in relativistic heavy ion collisions. Physical Review C, 2009, 80, .	1.1	15
596	System Size, Energy, and Centrality Dependence of Pseudorapidity Distributions of Charged Particles in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2009, 102, 142301.	2.9	43
597	The ATLAS Collaboration. Nuclear Physics A, 2009, 830, 925c-940c.	0.6	1
598	The PHOBOS Collaboration. Nuclear Physics A, 2009, 830, 967c.	0.6	5
599	Recent results from PHOBOS on particle production at high p T. European Physical Journal C, 2009, 61, 575-582.	1.4	0
600	Importance of correlations and fluctuations on the initial source eccentricity in high-energy nucleus-nucleus collisions. Physical Review C, 2008, 77, .	1.1	196
601	Identified charged antiparticle to particle ratios near midrapidity in Cu+Cu collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2008, 77, .	1.1	10
602	The ATLAS software installation system for LCG/EGEE. Journal of Physics: Conference Series, 2008, 119, 052013.	0.3	4
603	Recent Results from Phobos. AIP Conference Proceedings, 2007, , .	0.3	0
604	Laboratory Stand for Designing Digital Systems. , 2007, , .		1
605	Cluster properties from two-particle angular correlations in p+p collisions at $\sqrt{s} = 200$ and 410 GeV. Physical Review C, 2007, 75, .	1.1	46
606	System Size, Energy, Pseudorapidity, and Centrality Dependence of Elliptic Flow. Physical Review Letters, 2007, 98, 242302.	2.9	303
607	Identified hadron transverse momentum spectra in Au+Au collisions at $\sqrt{s_{NN}} = 62.4$ GeV. Physical Review C, 2007, 75, .	1.1	29
608	Power Electronic Systems Working in the Three-Phase Power Grid. , 2007, , .		0
609	Vertex reconstruction using a single layer silicon detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 570, 536-542.	0.7	7
610	Elliptic flow fluctuations at PHOBOS. , 2007, , .		0
611	PHOBOS Overview. Journal of Physics: Conference Series, 2006, 50, 34-41.	0.3	0
612	Particle production in nuclear collisions over a broad centrality range from the PHOBOS experiment. European Physical Journal D, 2006, 56, A39-A52.	0.4	1

#	ARTICLE	IF	CITATIONS
613	PHOBOS Collaboration. Nuclear Physics A, 2006, 774, 954.	0.6	0
614	New PHOBOS results on event-by-event fluctuations. AIP Conference Proceedings, 2006, , .	0.3	2
615	Strangeness measurements with the PHOBOS experiment. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, S69-S76.	1.4	0
616	System Size and Centrality Dependence of Charged Hadron Transverse Momentum Spectra in Au+Au and Cu+Cu Collisions at $\sqrt{s_{NN}}=62.4$ and 200 GeV. Physical Review Letters, 2006, 96, 212301.	2.9	47
617	Energy Dependence of Directed Flow over a Wide Range of Pseudorapidity in Au+Au Collisions at the BNL Relativistic Heavy Ion Collider. Physical Review Letters, 2006, 97, 012301.	2.9	62
618	Charged-particle pseudorapidity distributions in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review C, 2006, 74, .	1.1	83
619	Transverse momentum and rapidity dependence of Hanbury-Brown Twiss correlations in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ and 200 GeV. Physical Review C, 2006, 73, .	1.1	28
620	Forward-backward multiplicity correlations in $\sqrt{s_{NN}}=200$ GeV Au+Au collisions. Physical Review C, 2006, 74, .	1.1	54
621	Centrality and energy dependence of charged-particle multiplicities in heavy ion collisions in the context of elementary reactions. Physical Review C, 2006, 74, .	1.1	41
622	CHARGED PARTICLE MULTIPLICITIES IN ULTRA-RELATIVISTIC AU+AU AND CU+CU COLLISIONS. , 2006, , .		0
623	Using multiplicity as a fractional cross-section estimation for centrality in PHOBOS. Journal of Physics: Conference Series, 2005, 5, 46-54.	0.3	5
624	Measuring mid-rapidity multiplicity in PHOBOS. Journal of Physics: Conference Series, 2005, 5, 97-104.	0.3	0
625	Analysis of dynamic multiplicity fluctuations at PHOBOS. Journal of Physics: Conference Series, 2005, 27, 128-133.	0.3	17
626	The PHOBOS perspective on discoveries at RHIC. Nuclear Physics A, 2005, 757, 28-101.	0.6	1,881
627	Scaling of charged particle production in d+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 72, .	1.1	96
628	Charged antiparticle to particle ratios near midrapidity in p+pcollisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	1.1	20
629	Centrality and pseudorapidity dependence of elliptic flow for charged hadrons in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 72, .	1.1	176
630	Energy Dependence of Elliptic Flow over a Large Pseudorapidity Range in Au+Au Collisions at the BNL Relativistic Heavy Ion Collider. Physical Review Letters, 2005, 94, 122303.	2.9	107

#	ARTICLE	IF	CITATIONS
631	Centrality Dependence of Charged Hadron Transverse Momentum Spectra in Au+Au Collisions from $\sqrt{s_{NN}}=62.4$ to 200 GeV. Physical Review Letters, 2005, 94, 082304.	2.9	59
632	Ultra-relativistic Au+Au and d+Au collisions: Experimental studies by PHOBOS. International Journal of Modern Physics A, 2005, 20, 4405-4411.	0.5	0
633	Elliptic flow in Au+Au collisions at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S41-S47.	1.4	2
634	Computer Tools in a Power Electronics Laboratory. , 2005, , .		0
635	Recent results from PHOBOS at RHIC. Brazilian Journal of Physics, 2004, 34, 829-832.	0.7	3
636	The landscape of particle production: results from PHOBOS. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S683-S691.	1.4	4
637	Identified hadron spectra from PHOBOS. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S1143-S1147.	1.4	8
638	Strange hadron production at low transverse momenta. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S93-S102.	1.4	6
639	Rapidity and k_T dependence of HBT correlations in Au+Au collisions at 200 GeV with PHOBOS. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S1049-S1052.	1.4	4
640	Pseudorapidity distributions of charged particles in d+Au and p+p collisions at. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S1133-S1137.	1.4	47
641	Flow in Au+Au collisions at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S1243-S1246.	1.4	25
642	Charged particle multiplicity fluctuations in Au+Au collisions at. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S1377-S1380.	1.4	11
643	First results on d+Au collisions from PHOBOS. AIP Conference Proceedings, 2004, , .	0.3	0
644	Pseudorapidity Distribution of Charged Particles in d+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 93, 082301.	2.9	95
645	Collision geometry scaling of Au+Au pseudorapidity density from $\sqrt{s_{NN}}=19.6$ to 200 GeV. Physical Review C, 2004, 70, .	1.1	106
646	Particle production at very low transverse momenta in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2004, 70, .	1.1	22
647	Centrality dependence of charged antiparticle to particle ratios near midrapidity in d+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2004, 70, .	1.1	15
648	Pseudorapidity dependence of charged hadron transverse momentum spectra in d+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2004, 70, .	1.1	34

#	ARTICLE	IF	CITATIONS
649	Guanidine alkaloid analogs as inhibitors of HIV-1 Nef interactions with p53, actin, and p56lck. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 14079-14084.	3.3	62
650	REMARKS ON SYMMETRIES OF GENERALIZED ROTOR SPACE. International Journal of Modern Physics E, 2004, 13, 37-45.	0.4	4
651	IRREDUCIBLE REPRESENTATIONS OF DOUBLE POINT GROUPS WITHIN THE HARMONIC OSCILLATOR BASIS. International Journal of Modern Physics E, 2004, 13, 357-360.	0.4	2
652	Low-p T spectra of identified charged particles in $\sqrt{s_{NN}} = 200$ GeV Au+Au collisions from PHOBOS experiment at RHIC. European Physical Journal C, 2004, 33, s600-s602.	1.4	0
653	Evidence of final-state suppression of high-p $\sqrt{s_{NN}}$ hadrons in Au+Au collisions using d+Au measurements at RHIC. European Physical Journal C, 2004, 33, s606-s608.	1.4	2
654	Charged hadron transverse momentum distributions in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 578, 297-303.	1.5	140
655	Results from the PHOBOS experiment at RHIC. Nuclear Physics A, 2004, 734, 61-64.	0.6	1
656	PHOBOS at RHIC: Some global observations. Pramana - Journal of Physics, 2003, 61, 865-876.	0.9	0
657	A first look at Au+Au collisions at RHIC energies using the PHOBOS detector. Pramana - Journal of Physics, 2003, 60, 921-931.	0.9	1
658	The PHOBOS detector at RHIC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 499, 603-623.	0.7	92
659	Global observations from PHOBOS. Nuclear Physics A, 2003, 715, 65c-74c.	0.6	14
660	Charged hadron transverse momentum distributions in Au+Au collisions at GeV. Nuclear Physics A, 2003, 715, 745c-748c.	0.6	8
661	Universal behavior of charged particle production in heavy ion collisions. Nuclear Physics A, 2003, 715, 490c-493c.	0.6	12
662	Identified particles in Au+Au collisions at GeV. Nuclear Physics A, 2003, 715, 510c-513c.	0.6	13
663	Flow and bose-einstein correlations in Au-Au collisions at RHIC. Nuclear Physics A, 2003, 715, 611c-614c.	0.6	38
664	Recent results from PHOBOS at RHIC. Nuclear Physics A, 2003, 721, C227-C230.	0.6	0
665	Ratios of charged antiparticles to particles near midrapidity in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2003, 67, .	1.1	22
666	Significance of the Fragmentation Region in Ultrarelativistic Heavy-Ion Collisions. Physical Review Letters, 2003, 91, 052303.	2.9	268

#	ARTICLE	IF	CITATIONS
667	Centrality Dependence of Charged-Hadron Transverse-Momentum Spectra in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2003, 91, 072302.	2.9	201
668	Centrality dependence of charged particle multiplicity at midrapidity in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review C</i> , 2002, 65, .	1.1	77
669	Pseudorapidity and Centrality Dependence of the Collective Flow of Charged Particles in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2002, 89, 222301.	2.9	114
670	Centrality dependence of the charged particle multiplicity near midrapidity in Au+Au collisions at $\sqrt{s_{NN}}=130$ and 200 GeV. <i>Physical Review C</i> , 2002, 65, .	1.1	152
671	Overview of results from PHOBOS experiment at RHIC. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2002, 28, 1801-1807.	1.4	4
672	Performance of the PHOBOS silicon sensors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 478, 299-302.	0.7	0
673	No correlation between wine intolerance and histamine content of wine. <i>Journal of Allergy and Clinical Immunology</i> , 2001, 107, 375-378.	1.5	73
674	First results from the PHOBOS experiment at RHIC. <i>AIP Conference Proceedings</i> , 2001, , .	0.3	0
675	Fragmentation of nuclei as a function of centrality of collision in interactions of gold projectiles at 10.6 A GeV. <i>Nuclear Physics A</i> , 2001, 693, 777-786.	0.6	7
676	First performance results of the Phobos silicon detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 473, 197-204.	0.7	5
677	FIRST RESULTS FROM THE PHOBOS EXPERIMENT AT THE RHIC COLLIDER. <i>International Journal of Modern Physics A</i> , 2001, 16, 1265-1267.	0.5	0
678	How strange is PHOBOS? First RHIC physics results and future prospects. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2001, 27, 659-669.	1.4	2
679	Charged-Particle Pseudorapidity Density Distributions from Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2001, 87, 102303.	2.9	163
680	Energy Dependence of Particle Multiplicities in Central Au+Au Collisions. <i>Physical Review Letters</i> , 2001, 88, 022302.	2.9	108
681	Ratios of Charged Antiparticles-to-Particles near Mid-Rapidity in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2001, 87, 102301.	2.9	50
682	Is Tsallis Thermodynamics Nonextensive?. <i>Physical Review Letters</i> , 2001, 88, 020601.	2.9	44
683	Charged-Particle Multiplicity near Midrapidity in Central Au+Au Collisions at $\sqrt{s_{NN}}=56$ and 130 GeV. <i>Physical Review Letters</i> , 2000, 85, 3100-3104.	2.9	240
684	Charged particle production in the Pb+Pb system at 158 GeV/c per nucleon. <i>Physical Review C</i> , 2000, 62, .	1.1	18

#	ARTICLE	IF	CITATIONS
685	Measurement of charge of heavy ions in emulsion using a CCD camera. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 431, 252-263.	0.7	3
686	Comparison of particle production in collisions with the VENUS and FRITIOF models. Nuclear Physics A, 1998, 633, 357-372.	0.6	4
687	Fragmentation and particle production in interactions of 10.6 GeV/N gold nuclei with hydrogen, light and heavy targets. European Physical Journal C, 1998, 5, 641-650.	1.4	10
688	Fragmentation and particle production in interactions of 10.6 GeV/N gold nuclei with hydrogen, light and heavy targets. European Physical Journal C, 1998, 5, 641.	1.4	4
689	Multiplicities and angular distributions of nucleus-nucleus interactions at SPS energies: Protons to lead. , 1997, , .		0
690	Transverse momenta of helium fragments in gold fragmentation at 10.6 GeV/nucleon. Zeitschrift für Physik C-Particles and Fields, 1997, 73, 449-454.	1.5	3
691	High-multiplicity lead-lead interactions at 158 GeV/cper nucleon. Physical Review C, 1996, 53, 3044-3050.	1.1	12
692	Intermittency in Au197 fragmentation. Physical Review C, 1996, 53, 1532-1540.	1.1	2
693	Phase space dependence of the correlations among particles produced in high energy nuclear collisions. Zeitschrift für Physik C-Particles and Fields, 1995, 68, 65-71.	1.5	1
694	Fragmentation and multifragmentation of 10.6 A GeV gold nuclei. Physical Review C, 1995, 52, 2652-2662.	1.1	34
695	Interactions of 10.6 GeV/n gold nuclei with light and heavy target nuclei in nuclear emulsion. Zeitschrift für Physik C-Particles and Fields, 1994, 63, 549-556.	1.5	8
696	Interactions of 10.6 GeV/nucleon gold nuclei in nuclear emulsion. Zeitschrift für Physik C-Particles and Fields, 1994, 62, 25-29.	1.5	14
697	Evidence for a nuclear phase transition in target nuclei after relativistic nuclear interactions. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 399-403.	1.5	8
698	Particle production in interactions of 200 GeV/nucleon oxygen and sulfur nuclei in nuclear emulsion. Physical Review D, 1993, 47, 1751-1761.	1.6	24
699	Multifractal analysis of nucleus-nucleus interactions. Physical Review D, 1993, 48, 3174-3181.	1.6	8
700	Backward emitted protons in interactions of neutrinos with nuclei in photoemulsion. Zeitschrift für Physik C-Particles and Fields, 1992, 56, 391-393.	1.5	4
701	Neutrino production of charmed particles in a hybrid experiment E-564. Zeitschrift für Physik C-Particles and Fields, 1990, 45, 557-565.	1.5	8
702	One- and two-dimensional analysis of the factorial moments in 200 GeV/nucleon p, O16, and S32 interactions with Ag and Br nuclei. Physical Review C, 1989, 40, R2449-R2453.	1.1	79

#	ARTICLE	IF	CITATIONS
703	Single-particle and multiparticle analysis of nucleus-nucleus collisions at 14.6, 60, and 200 GeV/nucleon. <i>Physical Review C</i> , 1989, 39, 1385-1394.	1.1	37
704	Evidence for Intermittent Patterns of Fluctuations in Particle Production in High-Energy Interactions in Nuclear Emulsion. <i>Physical Review Letters</i> , 1989, 62, 733-736.	2.9	185
705	Nucleus-nucleus interactions at 14.6, 60 and 200 GeV/nucleon. <i>Nuclear Physics A</i> , 1989, 498, 535-539.	0.6	4
706	Central collisions of 14.6, 60, and 200 GeV/nucleon ^{16}O nuclei in nuclear emulsion. <i>Physical Review Letters</i> , 1988, 60, 405-407.	2.9	55
707	Interaction mean free path in nuclear emulsion of fragments of ^{22}Ne nuclei with momentum 4.1 AGeV/c and the problem of anomalous. <i>Zeitschrift für Physik A</i> , 1985, 321, 249-254.	1.4	8
708	Infrared Spectra of Mn^{2+} / Zn^{2+} Mixed Crystals. <i>Physica Status Solidi (B): Basic Research</i> , 1981, 104, K155.	0.7	7
709	Computerized thermography based diagnosis in perinatology. , 0, , .		1
710	Infrared Thermography As A Tool For Early Diagnosis Of Men Infertility Risk. , 0, , .		0