

# Zdeněk Doležal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5106387/publications.pdf>

Version: 2024-02-01

792  
papers

36,412  
citations

3515

90  
h-index

9073

144  
g-index

822  
all docs

822  
docs citations

822  
times ranked

11348  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of the ATLAS Level-1 topological trigger in Run 2. European Physical Journal C, 2022, 82, 1.	1.4	6
2	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
3	Search for exotic decays of the Higgs boson into $b\bar{b}$ and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, 1.	1.6	2
4	Observation of electroweak production of two jets in association with an isolated photon and missing transverse momentum, and search for a Higgs boson decaying into invisible particles at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, 1.	1.4	8
5	Combined analysis of Belle and Belle II data to determine the CKM angle $\gamma$ using $B \rightarrow D^* \pi$ decays. <a href="#">Journal of High Energy Physics, 2022, 2022, 1.</a>	1.6	1
6	Search for a Light Higgs Boson in Single-Photon Decays of $B \rightarrow \gamma \ell \ell$ decays. <a href="#">Physical Review D, 2022, 2022, 1.</a>	1.6	1
7	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with $139 \text{ fb}^{-1}$ of pp collision data at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	10
8	AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	1.3	23
9	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
10	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
11	Search for $B \rightarrow \mu \mu$ meson decays into $B \rightarrow \mu \mu$ and missing energy with a hadronic tagging method at Belle. <a href="#">Physical Review D, 2022, 2022, 1.</a>	1.6	6
12	First measurement of the $\Lambda_c^+ \rightarrow p \ell^+ \bar{\nu}_\ell$ decay. Journal of High Energy Physics, 2022, 2022, 1.	1.6	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	An improved search for the electric dipole moment of the $\tau$ , lepton. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
16	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
17	First test of lepton flavor universality in the charmed baryon decays $B \rightarrow \mu \mu$ . <a href="#">Physical Review D, 2022, 2022, 1.</a>	1.6	10
18	Search for charged lepton flavor violating decays of $\tau$ (1S). Journal of High Energy Physics, 2022, 2022, .	1.6	4

#	ARTICLE	IF	CITATIONS
19	Study of $\langle \mathcal{M}(\mathcal{M} \times \mathcal{M}) \rangle = \langle \mathcal{M}(\mathcal{M} \times \mathcal{M}) \rangle$ http://www.w3.org/1998/Math/MathML display="inline"><mml:mi> $\hat{1}^3$ </mml:mi><mml:mi> $\hat{1}^3$ </mml:mi><mml:mi> $\hat{1}^3$ </mml:mi><mml:mo> stretchy="false"> $\hat{\wedge}$ </mml:mo><mml:mi> $\hat{1}^3$ </mml:mi><mml:mi> $\hat{1}^3$ </mml:mi><mml:mo> stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:mi> $S$ </mml:mi><mml:mo> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 72	1.6	8
20	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
21	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
22	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
23	Measurements of WH and ZH production in the $WH \rightarrow \bar{b}b$ decay channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	38
24	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
25	Test of lepton flavor universality and search for lepton flavor violation in $B \rightarrow K \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2021, 2021, 1.	1.6	64
26	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
27	Evidence for $\langle \mathcal{M}(\mathcal{M} \times \mathcal{M}) \rangle = \langle \mathcal{M}(\mathcal{M} \times \mathcal{M}) \rangle$ http://www.w3.org/1998/Math/MathML display="inline"><mml:mrow><mml:mi> $X$ </mml:mi><mml:mo> stretchy="false">(</mml:mo><mml:mn>3872</mml:mn><mml:mi> $X$ </mml:mi><mml:mo> stretchy="false">)</mml:mo><mml:mo> stretchy="false"> $\hat{\wedge}$ </mml:mo><mml:mi> $J$ </mml:mi><mml:mo> stretchy="false">(</mml:mo><mml:mi> $\hat{1}^3$ </mml:mi><mml:msup><mml:mrow><mml:mi> $\hat{1}^3$ </mml:mi></mml:mrow><mml:mo> Physical Review Letters, 2021, 126, 122001.	2.9	19
28	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
29	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
30	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
31	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
32	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
33	Search for the dark photon in $B \rightarrow K \ell^+ \ell^-$ , $B \rightarrow K \ell^+ e^- e^-$ , $B \rightarrow K \ell^+ e^- e^+ e^-$ , and $B \rightarrow K \ell^+ e^- e^+ e^-$ decays at Belle. Journal of High Energy Physics, 2021, 2021, 1.	1.6	15
34	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
35	Search for heavy resonances decaying into a pair of Z bosons in the $e^+e^- \rightarrow e^+e^- Z Z$ and $e^+e^- \rightarrow e^+e^- Z Z \gamma$ 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
36	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

#	ARTICLE	IF	CITATIONS
37	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $e^+e^- \rightarrow b\bar{b}$ and $e^+e^- \rightarrow W^+W^-$ 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	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
39	Measurements of branching fractions and asymmetry parameters of $\overline{K}^* \rightarrow \Lambda^0$ , $\overline{K}^* \rightarrow \Sigma^0$ , and $\overline{K}^* \rightarrow \Sigma^+$ decays at Belle. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
40	Operational Experience and Performance of the Belle II Pixel Detector. , 2021, , .		0
41	Measurements of $W+W^* + 1$ 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
42	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
43	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
44	Measurement of the energy dependence of the $e^+e^- \rightarrow \overline{B}^* B^*$ and $\overline{B}^* B^*$ exclusive cross sections. Journal of High Energy Physics, 2021, 2021, 1.	1.6	6
45	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a $\tau$ -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 supersymmetry in events with four or more charged leptons in $139 \text{ fb}^{-1}$ of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	12
47	Determination of the parton distribution functions of the proton from ATLAS measurements of differential $W^{\pm}$ and Z boson production in association with jets. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
48	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
49	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
50	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
51	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
52	Measurement of single top-quark production in association with a W boson in the single-lepton channel at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	3
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	Measurement of branching fractions and search for CP violation in $D^0 \rightarrow \bar{c} \ell \bar{\nu}_\ell$ , $D^0 \rightarrow K^+ K \bar{\nu}_\ell$ , and $D^0 \rightarrow \bar{c} \ell \bar{\nu}_\ell$ at Belle. Journal of High Energy Physics, 2021, 2021, 1.	1.6	1
56	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
57	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
58	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
59	Search for lepton-flavor-violating tau-lepton decays to $\tau \rightarrow \mu \nu_\mu \nu_\tau$ at Belle. Journal of High Energy Physics, 2021, 2021, 1.	1.6	19
60	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
61	Precise Measurement of the $B \rightarrow K \ell \ell$ Decays. Physical Review Letters, 2021, 127, 261801.	2.9	35
62	Measurement of the $D \rightarrow D^* \ell \bar{\nu}_\ell$ Lifetimes at Belle II. Physical Review Letters, 2021, 127, 211801.	2.9	8
63	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
64	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
65	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
66	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
67	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
68	Measurement of Differential Branching Fractions of Inclusive $B \rightarrow X \ell \bar{\nu}_\ell$ Decays. Physical Review Letters, 2021, 127, 261801.	2.9	6
69	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
70	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1.	1.4	7
71	Measurement of b-quark fragmentation properties in jets using the decay $B \rightarrow J/\psi K^{\pm}$ in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	3
72	Commissioning of the Belle II Silicon Vertex Detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162184.	0.7	0

#	ARTICLE	IF	CITATIONS
73	Run and slow control system of the Belle II silicon vertex detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162706.	0.7	2
74	Measurements of inclusive and differential cross-sections of combined $\gamma$ and $t\bar{W}^3$ production in the $e^+e^-$ channel at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	3
75	Electrical characterization of surface properties of the ATLAS17LS sensors after neutron, proton and gamma irradiation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 983, 164456.	0.7	6
76	Search for Axionlike Particles Produced in $e^+e^- \rightarrow e^+e^- + \text{axion}$ Collisions at Belle II. Physical Review Letters, 2020, 125, 161806.	2.9	50
77	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
78	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
79	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the $H \rightarrow b\bar{b}$ decay channel at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	32
80	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
81	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
82	Measurement of differential cross sections for single diffractive dissociation in $\sqrt{s} = 8$ TeV pp collisions using the ATLAS ALFA spectrometer. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
83	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
84	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
85	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
86	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
87	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
88	Observation of the Radiative Decays of $\tilde{t}$ 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.	2.9	3
89	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
90	Measurements of top-quark pair spin correlations in the $t\bar{t}$ channel at $\sqrt{s} = 13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	22

#	ARTICLE	IF	CITATIONS
91	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. Journal of High Energy Physics, 2020, 2020, 1.	1.6	12
92	Higgs boson production cross-section measurements and their EFT interpretation in the $4\ell$ decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	41
93	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
94	Measurement of $R$ in $D^0$ decays to $J/\psi$ and $J/\psi$ decays to $4\ell$ with the ATLAS detector. Overlock 10 Tf 50 627 Td (stretchy="false")		

#	ARTICLE	IF	CITATIONS
109	Search for electroweak production of charginos and sleptons decaying into final states with two leptons and missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	124
110	Search for top squarks in events with a Higgs or Z boson using $139\text{ fb}^{-1}$ of pp collision data at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	4
111	Evidence for $\tau^+\tau^-$ production in the multilepton final state in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	30
112	Search for heavy diboson resonances in semileptonic final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	29
113	Search for light long-lived neutral particles produced in pp collisions at $\sqrt{s} = 13$ TeV and decaying into collimated leptons or light hadrons with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	21
114	Search for a scalar partner of the top quark in the all-hadronic $t\bar{t}$ plus missing transverse momentum final state at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	36
115	Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1.	1.4	12
116	Determination of jet calibration and energy resolution in proton-proton collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	15
117	Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s} = 13$ TeV pp collision data collected by the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	49
118	Search for long-lived neutral particles in pp collisions at $\sqrt{s} = 13$ TeV that decay into displaced hadronic jets in the ATLAS calorimeter. European Physical Journal C, 2019, 79, 1.	1.4	28
119	Search for Higgs boson pair production in the $WW^{(*)}WW^{(*)}$ decay channel using ATLAS data recorded at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	21
120	Search for large missing transverse momentum in association with one top-quark in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	8
121	Measurement of $W^{\pm}Z$ production cross sections and gauge boson polarisation in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	41
122	Searches for third-generation scalar leptoquarks in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	30
123	Search for scalar resonances decaying into $\tau^+\tau^-$ in events with and without b-tagged jets produced in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	15
124	Observation of a new structure near 10.75 GeV in the energy dependence of the $e^+e^- \rightarrow \tau^+\tau^- \gamma$ ( $nS$ ) $\rightarrow e^+e^- \tau^+\tau^- \gamma$ ( $n = 1, 2$ ). <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	23
125	Search for diboson resonances in hadronic final states in $139\text{ fb}^{-1}$ of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	20
126	Search for excited electrons singly produced in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS experiment at the LHC. European Physical Journal C, 2019, 79, 1.	1.4	4



#	ARTICLE	IF	CITATIONS
127	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
128	Measurement of the cross-section and charge asymmetry of W bosons produced in proton-proton collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	24
129	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
130	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
131	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
132	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
133	Search for top-quark decays $t \rightarrow Hq$ with 36 fb <sup>-1</sup> 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
134	Measurement of $VH$ , $\mathcal{H} \rightarrow \mathcal{B} \overline{\mathcal{B}}$ production as a function of the vector-boson transverse momentum in 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
135	Assembly and electrical tests of the first full-size forward module for the ATLAS ITk Strip detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 924, 112-115.	0.7	1
136	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
137	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
138	Measurements of inclusive and differential fiducial cross-sections of $t\gamma$ production in leptonic final states at $\sqrt{s}=13\text{ TeV}$ in ATLAS. European Physical Journal C, 2019, 79, 1.	1.4	14
139	First bulk and surface results for the ATLAS ITk Strip stereo annulus sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 924, 142-146.	0.7	2
140	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
141	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
142	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
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	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
146	Measurement of the top quark mass in the $t \rightarrow t \hat{t}$ . European Physical Journal C, 2019, 79, 1.	1.4	47
147	and Evidence for $t \rightarrow t \hat{t}$		

#	ARTICLE	IF	CITATIONS
163	Search for bottom-squark 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
164	First measurement of the CKM angle $\arg(-V_{cb}V_{cb}^*/V_{ub}V_{ub}^*)$ with $B \rightarrow D^{*0} K^{\pm} \ell^{\pm} \bar{\nu}_{\ell}$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	4
165	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
166	Measurement of $S^0$ and $\Lambda^0$ 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
167	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
168	Measurement of the cross-section for producing a W boson in association with a single top quark in pp collisions at $s = 13$ TeV with ATLAS. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
169	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
170	Measurement of the $\tilde{t}_1$ lepton polarization and $R$ in $t\bar{t}$ dileptonic events in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 110.	1.6	118
171	Search for new phenomena in high-mass final states with a photon and a jet from pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 102.	1.4	13
172	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
173	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.0 TeV. European Physical Journal C, 2018, 78, 142.	1.4	59
174	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
175	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
176	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
177	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
178	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
179	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
180	Direct top-quark decay width measurement in the $t \rightarrow b \ell \bar{\nu}_{\ell}$ lepton+jets channel at $\sqrt{s} = 8$ TeV with the ATLAS experiment. European Physical Journal C, 2018, 78, 129.	1.4	17

#	ARTICLE	IF	CITATIONS
181	Observation of $\Lambda_c(2930)^0$ and updated measurement of $\Lambda_c(2930)^0$ and updated measurement of $\Lambda_c(2930)^0$ and updated measurement of $\Lambda_c(2930)^0$ and updated measurement of $\Lambda_c(2930)^0$ at Belle. European Physical Journal C, 2018, 78, 1.	1.4	31
182	Search for $W^+W^-Z$ resonance production in $\gamma\gamma$ 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
183	Measurement of the Higgs boson coupling properties in the $H \rightarrow ZZ^* \rightarrow 4\ell$ decay channel at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	46
184	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the $H \rightarrow aa \rightarrow 4b$ channel in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	28
185	Measurement of the $Z\gamma \rightarrow u\bar{u}\gamma$ 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
186	Prompt and non-prompt $\psi(2S)$ 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
187	Search for Higgs boson pair production in the $\gamma\gamma WW^* \rightarrow W^+W^-$ 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
188	Measurement of colour flow using jet-pull observables in $t\bar{t} \rightarrow b\bar{b}$ events with the ATLAS experiment at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 847.	1.4	16
189	Angular analysis of $B^0 \rightarrow \pi^+ \pi^- K^+ K^-$ decays in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	76
190	Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in $36 \text{ fb}^{-1}$ of pp collisions at. European Physical Journal C, 2018, 78, 401.	1.4	50
191	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
192	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
193	Search for Higgs boson pair production in the $\gamma\gamma b\bar{b}$ final state with 13 TeV pp collision data collected by the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	1.6	38
194	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
195	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
196	Performance of missing transverse momentum reconstruction with the ATLAS detector using proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 903.	1.4	181
197	First Evidence for $\cos^2 \theta$ and Resolution of the Cabibbo-Kobayashi-Maskawa Quark-Mixing Unitarity Triangle Ambiguity. Physical Review Letters, 2018, 121, 261801.	2.9	8
198	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

#	ARTICLE	IF	CITATIONS
199	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
200	Observation of $\Upsilon(2S) \rightarrow \Upsilon(1S) b$ Decay. Physical Review Letters, 2018, 121, 232001.	2.9	5
201	Operation and performance of the ATLAS Tile Calorimeter in Run 1. European Physical Journal C, 2018, 78, 987.	1.4	25
202	Evidence of a structure in $\sigma(K^0 \Lambda_c^+ \Lambda_c^-)$ . European Physical Journal C, 2018, 78, 1.	1.4	22
203	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
204	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
205	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using $36 \text{ fb}^{-1}$ of $\sqrt{s}=13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	48
206	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
207	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
208	Search for charged Higgs bosons decaying via $H^{\pm} \rightarrow \tau^{\pm} \nu_{\tau}$ , in the $\tau, +\text{jets}$ and $\tau, +\text{lepton}$ final states with $36 \text{ fb}^{-1}$ of pp collision data recorded at $\sqrt{s}=13$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	1.6	59
209	Prompt and non-prompt $\psi(2S) \rightarrow J/\psi \Upsilon$ and $\psi(2S) \rightarrow \Upsilon(2S)$ suppression at high transverse momentum in $5.02 \text{ TeV Pb+Pb}$ collisions with the ATLAS experiment. European Physical Journal C, 2018, 78, 762.	1.4	61
210	Search for Higgs boson decays to beyond-the-Standard-Model light bosons in four-lepton events with the ATLAS detector at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	31
211	Search for exclusive Higgs and Z boson decays to $\Upsilon \Upsilon^3$ and $\Upsilon^3$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
212	Measurements of b-jet tagging efficiency with the ATLAS detector using $\overline{t} t$ events at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
213	Search for flavour-changing neutral current top-quark decays $t \rightarrow q Z$ in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
214	Measurement of the inclusive and fiducial $t \bar{t} \Lambda$ production cross-sections in the. European Physical Journal C, 2018, 78, 487.	1.4	10
215	Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 565.	1.4	79
216	Search for $B \rightarrow \tau^+ \tau^- \nu_{\tau}$ decays at the Belle Experiment. Physical Review Letters, 2018, 121, 031801.	2.9	13

#	ARTICLE	IF	CITATIONS
217	Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in $\sqrt{s}=13$ s = 13 TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 625.	1.4	27
218	Inclusive study of bottomonium production in association with an $\eta'$ meson in $e^+e^-$ annihilations near $\Upsilon(5S)$ ( $\Upsilon(5S)$ ). European Physical Journal C, 2018, 78, 1.	1.4	13
219	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
220	Observation of an Excited $\Upsilon(4S)$ meson in $e^+e^-$ annihilation events with missing transverse momentum. Physical Review Letters, 2018, 121, 052003.	2.9	32
221	Measurement of inclusive jet and dijet cross-sections in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
222	Search for dark matter produced in association with bottom or top quarks in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 18.	1.4	60
223	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 199.	1.4	132
224	Measurement of $\sigma_{\text{pol}}$ , polarisation in $Z/\gamma^* \rightarrow \text{au au}$ . European Physical Journal C, 2018, 78, 163.	1.4	7
225	Searches for heavy ZZ and ZW resonances in the $\eta$ , $\eta'$ , $\eta(2170)$ and $\eta(2170)/2\eta$ final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29
226	Observation of $\Upsilon(4S)$ meson in $e^+e^-$ annihilation events with missing transverse momentum. Physical Review Letters, 2018, 121, 062001.	2.9	8
227	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
228	Measurement of the branching fraction of $B \rightarrow D^* T_j$ . Physical Review D, 2018, 98, 012001.	1.6	5
229	Measurement of the $\beta$ , Michel parameters $\rho$ and $\xi$ in the radiative leptonic decay $\text{au}^+ \rightarrow \text{ell}^+ \text{u}_{\text{au}} \text{r}_{\text{u}} \gamma$ . Progress of Theoretical and Experimental Physics, 2018, 2018, .	1.8	11
230	Measurement of differential cross sections and $W^+/\bar{W}^+$ cross-section ratios for W boson production in association with jets at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
231	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. , 2018, 2018, 1.		1
232	Measurement of the W-boson mass in pp collisions at ( $\sqrt{s}=7$ , hbox {TeV}) with the ATLAS detector. , 2018, 78, 1.		1
233	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton-proton collisions at ( $\sqrt{s}=13$ , ext {TeV}). , 2018, 78, 1.		1
234	The Belle II silicon vertex detector assembly and mechanics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 38-42.	0.7	3

#	ARTICLE	IF	CITATIONS
235	Search for dark matter in association with a Higgs boson decaying to b-quarks in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 133-153.	1.5	21
236	Search for new resonances decaying to a W or Z boson and a Higgs boson in the $W \rightarrow \tau \tau$ channel with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 32-37.	1.5	21
237	Measurement of W boson angular distributions in events with high transverse momentum jets at $\sqrt{s} = 13$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 133-153.	1.5	21
238	Measurement of the $\sigma(\tau^+ \tau^- Z)$ and $\sigma(\tau^+ \tau^- W)$ 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
239	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
240	Observation of $D^0$ and $D^+$ production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review Letters, 2017, 118, 051801.	2.9	18
241	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
242	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
243	Measurement of the W boson polarisation in $t \bar{t}$ 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
244	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. European Physical Journal C, 2017, 77, 195.	1.4	87
245	Measurements of top-quark pair differential cross-sections in the $e^+ e^-$ channel in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. European Physical Journal C, 2017, 77, 292.	1.4	27
246	Performance of algorithms that reconstruct missing transverse momentum in pp collisions in the ATLAS detector. European Physical Journal C, 2017, 77, 241.	1.4	61
247	High-ET isolated-photon plus jets production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Nuclear Physics B, 2017, 918, 257-316.	0.9	22
248	Measurement of the prompt $J/\psi$ 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
249	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
250	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490.	1.4	325
251	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
252	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

#	ARTICLE	IF	CITATIONS
253	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle D \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ decays to invisible final states at Belle. Physical Review D, 2017, 95, .	1.6	10
254	Search for the $O\hat{a}^{\wedge}a^{\wedge}$ glueball in $\tilde{\chi}(1S)$ and $\tilde{\chi}(2S)$ decays. Physical Review D, 2017, 95, .	1.6	10
255	Search for anomalous electroweak production of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle W \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle W \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{stretchy}="false" \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle W \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle Z \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ in association with a high-mass dijet system in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle p \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$	1.6	28
256	Jet reconstruction and performance using particle flow with the ATLAS Detector. European Physical Journal C, 2017, 77, 466.	1.4	145
257	Measurements of integrated and differential cross sections for isolated photon pair production in collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle s \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:math} \rangle$	1.6	15
258	Measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle W \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \hat{A} \pm \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ vector-boson scattering and limits on anomalous quartic gauge couplings with the ATLAS detector. Physical Review D, 2017, 96, .	1.6	23
259	Measurement of the $t\bar{t}\hat{A}$ production cross section in the $\tilde{L}, +$ jets final state in pp collisions at $s = 8\hat{a}\epsilon\% \hat{a}\epsilon\% \text{TeV}$ using the ATLAS detector. Physical Review D, 2017, 95, .	1.6	1
260	Invariant-mass and fractional-energy dependence of inclusive production of dihadrons in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{a}$ annihilation at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle s \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:math} \rangle$	1.6	14
261	Measurement of branching fraction and direct $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ asymmetry in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ asymmetry in charmless	1.6	5
262	Measurement of branching fraction and direct $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ asymmetry in charmless $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ asymmetry in charmless	1.6	18
263	First measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -odd moments in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle * \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \hat{a}, \langle \text{mml:math} \rangle$	1.6	45
264	Measurement of multi-particle azimuthal correlations in pp, $p\hat{A} + \hat{A}Pb$ and low-multiplicity $Pb\hat{A} + \hat{A}Pb$ collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 428.	1.4	86
265	Lepton-Flavor-Dependent Angular Analysis of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{stretchy}="false" \rangle \hat{a}^{\wedge} \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle * \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \hat{a}, \langle \text{mml:math} \rangle$	2.9	252
266	Measurement of forward-backward multiplicity correlations in lead-lead, proton-lead, and proton-proton collisions with the ATLAS detector. Physical Review C, 2017, 95, .	1.1	24
267	Search for the Dimuon Decay of the Higgs Boson in pp Collisions at $s = 13\hat{a}\epsilon\% \hat{a}\epsilon\% \text{TeV}$ with the ATLAS Detector. Physical Review Letters, 2017, 119, 051802.	2.9	36
268	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{stretchy}="false" \rangle \hat{a}^{\wedge} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle h \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \hat{1} / 2 \langle \text{mml:mi} \rangle \langle \text{mml:mover} \rangle$	1.6	93
269	Search for light tetraquark states in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \text{mathvariant}="normal" \rangle \hat{1} \langle \text{mml:mi} \rangle \hat{2} \langle \text{mml:mi} \rangle \hat{0}$	1.6	93
270	Measurement of multi-particle azimuthal correlations in pp, $p\hat{A} + \hat{A}Pb$ and low-multiplicity $Pb\hat{A} + \hat{A}Pb$ collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 428.	1.4	86



#	ARTICLE	IF	CITATIONS
271	Asymmetries in $BCP$ Search for $\hat{a}^{\pm}$ Violation and Measurement of the Branching Fraction in the Decay $CPC$ Measurement of inclusive and differential cross sections in the $H \hat{a}^{\pm} \rightarrow ZZ \hat{a}^{\pm} 4\gamma$ decay channel in pp collisions at $s = 13 \sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	2.9	18
272	Measurement of the $\overline{\gamma}$ production cross section in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	2.9	30
273	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	31
274	Measurement of lepton differential distributions and the top quark mass in $t \bar{t} \hat{A}^-$ . European Physical Journal C, 2017, 77, 804.	1.4	28
275	Measurement of the $\overline{\gamma}$ 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
276	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
277	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. European Physical Journal C, 2017, 77, 673.	1.4	75
278	Search for new phenomena in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\sqrt{s} = 13 \sqrt{s} = 13$ TeV $pp$ collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 144.	1.4	12
279	Measurement of the ZZ production cross section in proton-proton collisions at $s = 8 \sqrt{s} = 8$ TeV using the ZZ $\hat{a}^{\pm} \hat{a}^{\pm}$ , $\hat{a}^{\pm} \hat{a}^{\pm}$ , $\hat{a}^{\pm} \hat{a}^{\pm}$ , $\hat{a}^{\pm} \hat{a}^{\pm}$ , $\hat{a}^{\pm} \hat{a}^{\pm}$ and ZZ $\hat{a}^{\pm} \hat{a}^{\pm}$ , $\hat{a}^{\pm} \hat{a}^{\pm}$ , $\hat{a}^{\pm} \hat{a}^{\pm}$ decay channels with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	17
280	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
281	Measurements of $\tilde{\chi}(2S)$ and $X(3872) \hat{a}^{\pm} J/\psi \tilde{\chi} + \tilde{\chi} \hat{a}^{\pm}$ 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
282	Measurements of top-quark pair to Z-boson cross-section ratios at $s = 13 \sqrt{s} = 13$ , 8, 7 TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13
283	Lepton Polarization and $R$ $D$ $D^*$ Search for lepton-flavour-violating decays of the Higgs and Z bosons with the ATLAS detector. European Physical Journal C, 2017, 77, 70.	2.9	457
284	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
285	Performance of the ATLAS trigger system in 2015. European Physical Journal C, 2017, 77, 317.	1.4	489
286	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
287	Measurements of the production cross section of a $ZZZ$ Z boson in association with jets in pp collisions at $\sqrt{s} = 13$ s. European Physical Journal C, 2017, 77, 361.	1.4	47
288	Precision measurement and interpretation of inclusive $W^+W^-$ , $W^+W^-$ . European Physical Journal C, 2017, 77, 367.	1.4	145

#	ARTICLE	IF	CITATIONS
289	Measurement of jet fragmentation in Pb+Pb and pp collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 379.	1.4	51
290	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
291	Measurement of charged-particle distributions sensitive to the underlying event in $\sqrt{s} = 13$ TeV proton-proton collisions with the ATLAS detector at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
292	The Belle II SVD data readout system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 633-638.	0.7	9
293	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
294	Search for direct top squark pair production in events with a Higgs or Z boson, and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	8
295	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
296	Belle II Silicon Vertex Detector. Journal of Instrumentation, 2017, 12, C02074-C02074.	0.5	3
297	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
298	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
299	Measurement of the inclusive jet cross-sections in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	23
300	Search for pair production of vector-like top quarks in events with one lepton, jets, and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	38
301	Identification and rejection of pile-up jets at high pseudorapidity with the ATLAS detector. European Physical Journal C, 2017, 77, 580.	1.4	35
302	Measurement of $WW/WZ \rightarrow \ell u q q^{\prime}$ 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
303	Search for new phenomena in a lepton plus high jet multiplicity final state with the ATLAS experiment using $\sqrt{s} = 13$ TeV proton-proton collision data. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12
304	Searches for the $Z\tilde{\chi}^0_3$ decay mode of the Higgs boson and for new high-mass resonances in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	30
305	Studies of $Z\tilde{\chi}^0_3$ production in association with a high-mass dijet system in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
306	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

#	ARTICLE	IF	CITATIONS
307	Search for top quark decays $t \rightarrow qH$ , with $H \rightarrow \tau\tau$ , in $\sqrt{s} = 13$ TeV pp collisions using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	18
308	Study of $WW\gamma$ and $WZ$ . <i>European Physical Journal C</i> , 2017, 77, 646.	1.4	30
309	Measurements of top quark spin observables in $t\bar{t}$ events using dilepton final states in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	20
310	Search for new phenomena with large jet multiplicities and missing transverse momentum using large-radius jets and flavour-tagging at ATLAS in 13 TeV pp collisions. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	11
311	Top-quark mass measurement in the all-hadronic $t\bar{t}$ decay channel at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	16
312	Measurement of the Drell-Yan triple-differential cross section in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	28
313	Search for a scalar partner of the top quark in the jets plus missing transverse momentum final state at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	45
314	Search for supersymmetry in final states with two same-sign or three leptons and jets using 36 fb <sup>-1</sup> of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	31
315	Search for pair production of heavy vector-like quarks decaying to high- $p_T$ $W$ bosons and $b$ quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	36
316	Measurement of the $k_t$ splitting scales in $Z \rightarrow \tau\tau$ events in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	3
317	Analysis of the $Wtb$ vertex from the measurement of triple-differential angular decay rates of single top quarks produced in the $t$ -channel at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	8
318	Evidence for the $H \rightarrow b\bar{b}$ decay with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	64
319	Search for new high-mass phenomena in the dilepton final state using 36 fb <sup>-1</sup> of proton-proton collision data at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	168
320	Determination of the strong coupling constant $\alpha_s$ from transverse energy-energy correlations in multijet events at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2017, 77, 872.	1.4	32
321	Performance of the ATLAS Transition Radiation Tracker in Run 1 of the LHC: tracker properties. <i>Journal of Instrumentation</i> , 2017, 12, P05002-P05002.	0.5	10
322	A measurement of material in the ATLAS tracker using secondary hadronic interactions in 7 TeV pp collisions. <i>Journal of Instrumentation</i> , 2016, 11, P11020-P11020.	0.5	10
323	Study of hard double-parton scattering in four-jet events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	30
324	Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	10

#	ARTICLE	IF	CITATIONS
325	Measurement of event-shape observables in $Z \rightarrow \ell^+ \ell^- \gamma$ events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 375.	1.4	15
326	Charged-particle distributions in pp interactions at $\sqrt{s} = 8$ TeV measured with the ATLAS detector. European Physical Journal C, 2016, 76, 403.	1.4	30
327	Charged-particle distributions at low transverse momentum in $\sqrt{s} = 13$ TeV pp interactions measured with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 502.	1.4	61
328	Search for bottom squark pair production in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 547.	1.4	37
329	Search for minimal supersymmetric standard model Higgs Bosons $H/A$ and for a $Z'$ boson in the $\text{Au Au}$ , final state produced in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 585.	1.4	51
330	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
331	Measurement of the $b\bar{b}$ dijet cross section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 670.	1.4	12
332	The performance of the jet trigger for the ATLAS detector during 2011 data taking. European Physical Journal C, 2016, 76, 526.	1.4	21
333	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
334	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
335	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
336	Measurement of the branching ratio of $B \rightarrow \hat{A}^0$ decaying into $D^0$ and $D^+$ . Physical Review D, 2016, 94, .	1.6	196
337	Observable method in the ditau decay channel with the ATLAS detector. European Physical Journal C, 2016, 76, 658.	1.4	48
338	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
339	Search for dark matter produced in association with a hadronically decaying vector boson in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 114-133.	1.6	49
340	Measurement of $W+W^*$ production in association with one jet in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 114-133.	1.5	4
341	Search for dark matter produced in association with a hadronically decaying vector boson in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 114-133.	1.6	49
342	Transverse momentum, rapidity, and centrality dependence of inclusive charged-particle production in $p+p$ collisions measured by the ATLAS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 313-336.	1.6	39

#	ARTICLE	IF	CITATIONS
343	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	44
344	Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	71
345	Search for flavour-changing neutral current top-quark decays to $\bar{q} Z$ in $\bar{p} p$ collision data collected with the ATLAS detector at $\sqrt{s} = 8 \text{ TeV}$ . European Physical Journal C, 2016, 76, 12.	1.4	39
346	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $\sqrt{s} = 8 \text{ TeV}$ . European Physical Journal C, 2016, 76, 87.	1.4	39
347	Search for direct top squark pair production in final states with two tau leptons in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 81.	1.4	10
348	Search for charged Higgs bosons in the $H^{\pm} \rightarrow \tau b$ decay channel in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	43
349	Search for high-mass new phenomena in the dilepton final state using proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 334-352.		
350	Search for new resonances in events with one lepton and missing transverse momentum in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 334-352.		
351	Study of the rare decays of $B^0 \rightarrow B^0 \mu \mu$ and $B^0 \rightarrow B^0 \mu \mu$ 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
352	Search for supersymmetry in a final state containing two photons and missing transverse momentum in $\sqrt{s} = 13 \text{ TeV}$ pp collisions. European Physical Journal C, 2016, 76, 517.	1.4	24
353	Search for resonances in diphoton events at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	70
354	Measurement of the total cross section from elastic scattering in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 334-352.		
355	Measurement of the $W \rightarrow Z \gamma$ boson pair-production cross section in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 334-352.		
356	Energy Scan of the $W \rightarrow Z \gamma$ boson pair-production cross section in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 334-352.		

#	ARTICLE	IF	CITATIONS
361	Measurement of the decay $B \rightarrow D \hat{t}^+ \hat{t}^-$ fully reconstructed events and determination of the Cabibbo-Kobayashi-Maskawa matrix element $\sin^2 \theta_{13}$ . Physical Review D, 2016, 93, .	1.6	81
362	Search for the rare decay $B \rightarrow D^0 \hat{t}^+ \hat{t}^-$ at Belle. Physical Review D, 2016, 93, .	1.6	10
363	Search for the decay $B \rightarrow D^0 \hat{t}^+ \hat{t}^-$ . Physical Review D, 2016, 93, .	1.6	7
364	Search for XYZ states in $\hat{t}^+ \hat{t}^-$ inclusive decays. Physical Review D, 2016, 93, .	1.6	6
365	First observation of $\Lambda^0 \hat{t}^+ \hat{t}^-$ and search for exotic baryons in $pK^0$ systems. Physical Review D, 2016, 93, .	1.6	3
366	Observation of the Decay $B_s \rightarrow K^0 \hat{t}^+ \hat{t}^-$ . Physical Review Letters, 2016, 116, 161801.	2.9	17
367	Observation of the Doubly Cabibbo-Suppressed Decay of a Charmed Baryon $\Lambda_c^+ \rightarrow p \bar{K}^0 \hat{t}^+ \hat{t}^-$ . Physical Review Letters, 2016, 117, 011801.	2.9	77
368	First Observation of the Doubly Cabibbo-Suppressed Decay of a Charmed Baryon $\Lambda_c^+ \rightarrow p \bar{K}^0 \hat{t}^+ \hat{t}^-$ . Physical Review Letters, 2016, 117, 011801.	2.9	30
369	Observation of the Decay $B \rightarrow D^0 \hat{t}^+ \hat{t}^-$ production cross-section using $e^+e^-$ events with b-tagged jets in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2016, 93, .	1.5	57
370	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. European Physical Journal C, 2016, 76, 295.	1.4	50
371	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
372	Measurement of the Inelastic Proton-Proton Cross Section at $\sqrt{s} = 8$ TeV with the ATLAS Detector at the LHC. Physical Review Letters, 2016, 117, 182002.	2.9	185
373	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
374	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
375	Measurement of the transverse momentum and $\phi_{\hat{t}^+ \hat{t}^-}$ 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
376	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to $WW \rightarrow e^+e^- \mu^+\mu^-$ with the ATLAS detector at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
377	Studies of charmed strange baryons in the $\Lambda_c^+ \rightarrow D^0 \hat{t}^+ \hat{t}^-$ final state at Belle. Physical Review D, 2016, 94, .	1.6	37
378	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

#	ARTICLE	IF	CITATIONS
379	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
380	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
381	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
382	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
383	Search for a massive invisible particle $X$ produced in association with a top quark and a muon in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	4
384	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
385	Search for a dark vector gauge boson decaying to $\tau^+\tau^-$ using $\tau \rightarrow \mu \nu$ decays. Physical Review D, 2016, 94, .	1.6	6
386	Construction and test of the first Belle II SVD ladder implementing the origami chip-on-sensor design. Journal of Instrumentation, 2016, 11, C01087-C01087.	0.5	6
387	Measurement of the differential cross-sections of prompt and non-prompt production of $J/\psi$ and $\psi(2S)$ in pp collisions at $\sqrt{s} = 7$ and $8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 283.	1.4	63
388	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
389	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
390	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
391	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
392	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
393	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
394	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
395	Measurement of the CP-violating phase $\arg(\Gamma_{12})$ 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
396	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

#	ARTICLE	IF	CITATIONS
397	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
398	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
399	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
400	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
401	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
402	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
403	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
404	Belle II silicon vertex detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 831, 80-84.	0.7	2
405	Belle II SVD ladder assembly procedure and electrical qualification. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 381-383.	0.7	0
406	Embedded pitch adapters: A high-yield interconnection solution for strip sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 831, 221-228.	0.7	6
407	The silicon vertex detector of the Belle II experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 406-410.	0.7	7
408	Study of surface properties of ATLAS12 strip sensors and their radiation resistance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 831, 197-206.	0.7	12
409	Charge collection and field profile studies of heavily irradiated strip sensors for the ATLAS inner tracker upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 831, 181-188.	0.7	17
410	Evaluation of the performance of irradiated silicon strip sensors for the forward detector of the ATLAS Inner Tracker Upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 831, 207-212.	0.7	10
411	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
412	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
413	Probing lepton flavour violation via neutrinoless $\mu \rightarrow 3e$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 232.	1.4	19
414	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



#	ARTICLE	IF	CITATIONS
415	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
416	First model-independent Dalitz analysis of $B \rightarrow D K^* \ell^+ \ell^-$ decay. Progress of Theoretical and Experimental Physics, 2016, 2016, 043C01.	1.8	8
417	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
418	Search for anomalous couplings in the $W$ $tb$ 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
419	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
420	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
421	Measurements of fiducial cross-sections for $t \bar{t} \hat{A}$ production with one or two additional b-jets in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. European Physical Journal C, 2016, 76, 11.	1.4	54
422	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
423	Search for an additional, heavy Higgs boson in the $H \hat{A}^+ Z Z$ decay channel at $\sqrt{s}=8$ TeV in pp collision data with the ATLAS detector. European Physical Journal C, 2016, 76, 45.	1.4	197
424	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
425	Belle-II VXD radiation monitoring and beam abort with sCVD diamond sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 480-482.	0.7	1
426	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
427	Amplitude analysis of $B \rightarrow D^* \ell^+ \ell^-$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 1.	1.6	63
428	Measurements of $B \rightarrow D^* \ell^+ \ell^-$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 1.	1.6	13
429	Measurement of $B \rightarrow D^* \ell^+ \ell^-$ decays with the ATLAS detector. Physical Review D, 2015, 91, .	1.6	109
430	Search for $B \rightarrow D^* \ell^+ \ell^-$ decays with the ATLAS detector. Physical Review D, 2015, 91, .	1.6	16
431	Evidence for the decay $B \rightarrow D^* \ell^+ \ell^-$ . Physical Review D, 2015, 92, .	1.6	6
432	Measurement of $B \rightarrow D^* \ell^+ \ell^-$ decays with the ATLAS detector. Physical Review D, 2015, 92, .	1.6	6

#	ARTICLE	IF	CITATIONS
433	Study of $D^{*+}$ production and light hadronic states in the $B^0 \rightarrow D^{*+} \pi^-$ decay. Physical Review D, 2015, 92, .	1.6	10
434	Measurement of the branching fraction of $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays with the semileptonic tagging method. Physical Review D, 2015, 92, .	1.6	42
435	Semi-inclusive studies of semileptonic $B_s$ decays at Belle. Physical Review D, 2015, 92, . Measurement of the branching ratio of $B \rightarrow \pi^+ \pi^- \pi^0$	1.6	8
436	Measurement of the branching ratio of $B \rightarrow \pi^+ \pi^- \pi^0$	1.6	442
437	Violation in $B \rightarrow \pi^+ \pi^- \pi^0$	2.9	14
438	Search for the decay $B^0 \rightarrow K^+ K^- \pi^0$ at Belle. Physical Review D, 2015, 91, . Inclusive cross sections for pairs of identified light charged hadrons and for single protons	1.6	5
439	First Observation of the Hadronic Transition $B \rightarrow \pi^+ \pi^- \pi^0$	1.6	10
440	Observation of $B \rightarrow \pi^+ \pi^- \pi^0$	2.8	32
441	Measurement of the branching ratio of $B \rightarrow \pi^+ \pi^- \pi^0$	1.6	10

#	ARTICLE	IF	CITATIONS
451	Analysis of events with b-jets and a pair of leptons of the same charge in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
452	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
453	Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-39.	1.6	78
454	Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at $\sqrt{s} = 7$ TeV in the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	40
455	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	84
456	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	71
457	Search for new phenomena in events with three or more charged leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	20
458	Summary of the searches for squarks and gluinos using $\sqrt{s} = 8$ TeV pp collisions with the ATLAS experiment at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
459	Determination of the top-quark pole mass using $t\bar{t} + 1$ -jet events collected with the ATLAS experiment in 7 TeV pp collisions. Journal of High Energy Physics, 2015, 2015, 1.	1.6	25
460	Measurement of the $t\bar{t}W$ and $t\bar{t}Z$ production cross sections in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	22
461	Search for flavour-changing neutral current top quark decays $t \rightarrow q + \text{Higgs}$ in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-65.	1.6	19
462	Search for heavy lepton resonances decaying to a Z boson and a lepton in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	36
463	Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	42
464	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
465	Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
466	Search for $W' \rightarrow tb$ decays in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 165.	1.4	35
467	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 158.	1.4	17
468	Search for direct pair production of a chargino and a neutralino decaying to the 125 GeV Higgs boson in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 208.	1.4	67

#	ARTICLE	IF	CITATIONS
469	Study of (W/Z)H production and Higgs boson couplings using $H \rightarrow WW \rightarrow \ell\ell$ decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	22
470	Search for metastable heavy charged particles with large ionisation energy loss in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS experiment. European Physical Journal C, 2015, 75, 407.	1.4	27
471	Measurement of the production and lepton charge asymmetry of $W$ bosons in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 23.	1.4	41
472	Search for the Dark Photon and the Dark Higgs Boson at Belle. Physical Review Letters, 2015, 114, 211801.	2.9	44
473	Measurement of the Direct CP Asymmetry in $B \rightarrow X_s d\bar{1}3$ Decays with a Lepton Tag. Physical Review Letters, 2015, 114, 151601.	2.9	4
474	Search for $B \rightarrow \ell\ell$ decays with a Lepton Tag. Physical Review Letters, 2015, 114, 151601.	1.6	17
475	Search for $B \rightarrow \ell\ell$ decays with a Lepton Tag. Physical Review Letters, 2015, 114, 151601.	1.6	18
476	Search for $B \rightarrow \ell\ell$ decays with a Lepton Tag. Physical Review Letters, 2015, 114, 151601.	1.6	17
477	Search for $B \rightarrow \ell\ell$ decays with a Lepton Tag. Physical Review Letters, 2015, 114, 151601.	1.6	40
478	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
479	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
480	Search for resonant diboson production in the $pp \rightarrow \ell\ell q\bar{q} \ell\ell$ final state in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	1.4	74
481	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
482	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
483	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
484	Measurement of the $WW + WZ$ cross section and limits on anomalous triple gauge couplings using final states with one lepton, missing transverse momentum, and two jets with the ATLAS detector at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	27
485	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
486	Search for the $b\bar{b} \rightarrow H$ decay of the Standard Model Higgs boson in associated (W/Z)H production with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	89

#	ARTICLE	IF	CITATIONS
487	Measurement of the inclusive jet cross-section in proton-proton collisions at $\sqrt{s} = 7$ TeV using 4.5 fb <sup>-1</sup> of data with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	35
488	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
489	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \tau^-$ , $H \rightarrow \tau^+ \tau^- \nu_\tau$ in fully hadronic final states using pp collision data at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	69
490	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. European Physical Journal C, 2015, 75, 209.	1.4	79
491	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 120.	1.4	62
492	Search for Higgs boson pair production in the $b\bar{b}b\bar{b}$ final state from pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 412.	1.4	90
493	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
494	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
495	Search for a new resonance decaying to a W or Z boson and a Higgs boson in the $u\bar{u} + b\bar{b}$ final states with the ATLAS detector. European Physical Journal C, 2015, 75, 263.	1.4	60
496	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
497	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
498	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
499	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
500	Observation and measurements of the production of prompt and non-prompt $J/\psi$ mesons in association with a Z boson in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 229.	1.4	64
501	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
502	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
503	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
504	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

#	ARTICLE	IF	CITATIONS
505	Measurement of the top quark mass in the $t \rightarrow \text{lepton} + \text{jets}$ and $t \rightarrow \text{dilepton}$ channels using $\sqrt{s} = 7 \text{ TeV}$ ATLAS data. European Physical Journal C, 2015, 75, 330.	1.4	52
506	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
507	Measurement of the inclusive jet cross-section in proton-proton collisions at $(\sqrt{s} = 7) \text{ TeV}$ using $4.5 \text{ fb}^{-1}$ of data with the ATLAS detector. , 2015, 2015, 1.		3
508	Search for production of (WW/WZ) resonances decaying to a lepton, neutrino and jets in (pp) collisions at $(\sqrt{s} = 8) \text{ TeV}$ with the ATLAS detector. , 2015, 75, 1.		1
509	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $(\sqrt{s} = 8) \text{ TeV}$ with the ATLAS detector. , 2015, 75, 1.		2
510	Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	82
511	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
512	Evidence of $t \rightarrow \text{lepton} + \text{jets}$ decays. European Physical Journal C, 2014, 74, 3131.	1.6	462
513	Measurement of the $t \rightarrow \text{lepton} + \text{jets}$ production cross-section using $\sqrt{s} = 8 \text{ TeV}$ proton-proton collision data. Journal of High Energy Physics, 2014, 2014, 1.	1.6	135
514	The Physics of the B Factories. European Physical Journal C, 2014, 74, 1.	1.4	292
515	Measurements of jet vetoes and azimuthal decorrelations in dijet events produced in $pp$ collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2014, 74, 3117.	1.4	40
516	A measurement of the ratio of the production cross sections for $W$ and $Z$ bosons in association with jets with the ATLAS detector. European Physical Journal C, 2014, 74, 3168.	1.4	23
517	Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at $\sqrt{s} = 8 \text{ TeV}$ with ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45
518	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in $20 \text{ fb}^{-1}$ of $\sqrt{s} = 8 \text{ TeV}$ proton-proton collision data with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	12
519	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using $\sqrt{s} = 8 \text{ TeV}$ proton-proton collision data. Journal of High Energy Physics, 2014, 2014, 1.	1.6	128
520	Measurement of the $t \rightarrow \text{lepton} + \text{jets}$ production cross-section using $\sqrt{s} = 8 \text{ TeV}$ events with $b$ -tagged jets in $pp$ collisions at $\sqrt{s} = 7$ and $8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2014, 74, 3109.	1.4	143
521	Measurement of branching fractions for $B \rightarrow J/\psi K$ decays and search for a narrow resonance in the $J/\psi K$ final state. Progress of Theoretical and Experimental Physics, 2014, 2014, 43C01-0.	1.8	9
522	Study of $B \rightarrow \pi\pi$ decays, implications for the CKM angle $\alpha_2$ and search for other $B \rightarrow \pi\pi$ decay modes with a four-pion final state. Physical Review D, 2014, 89, .	1.6	12

#	ARTICLE	IF	CITATIONS
523	Measurement of branching fractions and violation parameters in $B_c \rightarrow P$ decays. Physical Review D, 2014, 89, .	1.6	18
524	Measurements of branching fractions of $B_c \rightarrow K$ decays with first lepton decays with one or more $B_c \rightarrow K S$ decays. Physical Review D, 2014, 89, .	1.6	43
525	Search for $B_c \rightarrow p \bar{\nu}_e$ at Belle. Physical Review D, 2014, 89, .	1.6	4
526	Updated cross section measurement of $B_c \rightarrow e K$ decays. Physical Review D, 2014, 89, .	1.6	30
527	Observation of the decay $B_c \rightarrow K^*(892)0$ . Physical Review D, 2014, 90, .	1.6	7
528	Observation of $B_c \rightarrow e K^*(892)0$ . Physical Review Letters, 2014, 113, 142001.	1.6	34
529	Publisher's Note: Study of $B_c \rightarrow \pi^0$ decays, implications for the CKM angle $\beta_2$ and search for other $B_c$ decay modes with a four-pion final state [Phys. Rev. D 89, 072008 (2014)]. Physical Review D, 2014, 89, .	1.6	5
530	Search for $B_c \rightarrow C P$ violation in $B_c \rightarrow D^0$ decays. Physical Review Letters, 2014, 112, .	2.9	16
531	Search for the process $e^+ e^- \rightarrow J/\psi X(1835)$ at $\sqrt{s} = 10.6$ GeV. Physical Review D, 2014, 89, .	1.6	2
532	Measurement of the $B_c$ lepton Lifetime at Belle. Physical Review Letters, 2014, 112, 031801.	2.9	25
533	Search for doubly charmed baryons and study of charmed strange baryons at Belle. Physical Review D, 2014, 89, .	1.6	66
534	Observation of $B_c \rightarrow D^0$ decays. Physical Review Letters, 2014, 112, 111801.	2.9	20
535	Search for $B_c \rightarrow T_{jETQq1}$ decays. Physical Review Letters, 2014, 112, 111801.	2.9	71
536	Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	66
537	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton collisions at $\sqrt{s} = 7$ TeV in 2010. European Physical Journal C, 2014, 74, 3034.	1.4	58
538	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. European Physical Journal C, 2014, 74, 1.	1.4	172
539	Search for contact interactions and large extra dimensions in the dilepton channel using proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3134.	1.4	48
540	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3157.	1.4	68

#	ARTICLE	IF	CITATIONS
541	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 3195.	1.4	46
542	Search for direct pair production of the top squark in all-hadronic final states in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	41
543	Measurement of the production cross-section of $\tilde{\nu}(2S) \rightarrow J/\psi(\tilde{\nu} \tilde{\nu}^* + \tilde{\nu} \tilde{\nu}^*) + \tilde{\nu} \tilde{\nu}^*$ in $pp$ collisions at $\sqrt{s} = 7$ TeV at ATLAS. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	21
544	Measurement of the $Z/\tilde{A}^*$ boson transverse momentum distribution in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	131
545	Search for strong production of supersymmetric particles in final states with missing transverse momentum and at least three b-jets at $\sqrt{s} = 8$ TeV proton-proton collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	38
546	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. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	45
547	Measurement of time-dependent CP violation in $B^0 \rightarrow \tilde{A}^0 K^0$ decays. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	8
548	Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	47
549	Search for pair and single production of new heavy quarks that decay to a Z boson and a third-generation quark in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	35
550	Measurement of the top quark pair production charge asymmetry in proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	42
551	Measurement of $D^0 \rightarrow D^* \tilde{A}^0$ mixing and search for indirect CP violation using $D^0 \rightarrow \tilde{A}^0 K^0 \rightarrow \tilde{A}^0 \tilde{A}^*$ decays. <i>Physical Review D</i> , 2014, 89, .	1.6	28
552	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. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	40
553	Development of n+-in-p large-area silicon microstrip sensors for very high radiation environments – ATLAS12 design and initial results. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 765, 80-90.	0.7	35
554	The differential production cross section of the $\phi(1020)$ meson in $pp$ collisions at $\sqrt{s} = 7$ TeV measured with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 2895.	1.4	13
555	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2014, 74, 2941.	1.4	204
556	Measurement of the underlying event in jet events from 7 TeV proton-proton collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 1.	1.4	23
557	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. <i>European Physical Journal C</i> , 2014, 74, 2982.	1.4	22
558	Light-quark and gluon jet discrimination in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 3023.	1.4	77



#	ARTICLE	IF	CITATIONS
559	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. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	22
560	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. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	88
561	Measurement of the production cross section of prompt $J/\psi$ mesons in association with a $W^{\pm}$ boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	35
562	Measurement of dijet cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	36
563	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. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	59
564	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. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	145
565	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. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	45
566	Measurement of the low-mass Drell-Yan differential cross section at $\sqrt{s} = 7$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	25
567	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. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	59
568	Measurement of $\tilde{t} \rightarrow c1$ and $\tilde{t} \rightarrow c2$ production with $\sqrt{s} = 7$ TeV pp collisions at ATLAS. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	32
569	Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	10
570	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. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	45
571	Measurements of the masses and widths of the $\Lambda_c(2455)^{0/++}$ and $\Lambda_c(2520)^{0/++}$ baryons. <i>Physical Review D</i> , 2014, 89, .	1.6	32
572	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. <i>European Physical Journal C</i> , 2014, 74, 2883.	1.4	55
573	Evidence for semileptonic $\tilde{a}^0 \rightarrow \tilde{a}^{\pm} \ell^{\mp}$ decays. <i>Physical Review D</i> , 2014, 89, .	1.6	12
574	Measurement of the $(\overline{t})$ 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
575	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. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	73
576	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. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	53

#	ARTICLE	IF	CITATIONS
577	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
578	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
579	Measurement of ZZ production in pp collisions at $\sqrt{s}=7$ TeV and limits on anomalous ZZZ and ZZ $\tilde{\chi}^0$ couplings with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	61
580	Search for charged Higgs bosons through the violation of lepton universality in $t$ events using pp collision data at $\sqrt{s}=7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2013, 2013, 1.	1.6	19
581	Search for CP Violation in the Decay $D^+ \rightarrow K_S^0 K^+$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	15
582	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
583	Evidence of a New Narrow Resonance Decaying to $\mu^+\mu^-$ $\frac{d\sigma}{ds} \approx \frac{4\pi\alpha^2}{3s} \frac{1}{s} \frac{1}{s} \frac{1}{s}$ Physical Review Letters, 2013, 111, 032001.	2.9	71
584	Evidence for the decay $B \rightarrow K^* K^0$ . Physical Review D, 2013, 87, .	1.6	9
585	Measurement of $k_T$ T splitting scales in $W \rightarrow \tau \nu$ events at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	1.4	19
586	Search for a light charged Higgs boson in the decay channel $H^+ \rightarrow c\bar{s}$ in $t$ events using pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2465.	1.4	119
587	Search for Bottomonium States in Exclusive Radiative $\Upsilon(2S)$ Decays. Physical Review Letters, 2013, 111, 112001.	2.9	10
588	DEPFET Active Pixel Detectors for a Future Linear $e^+e^-$ Collider. IEEE Transactions on Nuclear Science, 2013, 60, 1457-1465.	1.2	22
589	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
590	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
591	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
592	Measurements of branching fractions of leptonic and hadronic $D_{s^*}^+$ meson decays and extraction of the $D_{s^*}^+$ meson decay constant. Journal of High Energy Physics, 2013, 2013, 1.	1.6	48
593	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
594	Improved luminosity determination in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2518.	1.4	362

#	ARTICLE	IF	CITATIONS
595	Measurement of the inclusive jet cross-section in pp collisions at $\sqrt{s}=2.76$ TeV and comparison to the inclusive jet cross-section at $\sqrt{s}=7$ TeV using the ATLAS detector. European Physical Journal C, 2013, 73, 2509.	1.4	105
596	Multi-channel search for squarks and gluinos in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2362.	1.4	34

597

#	ARTICLE	IF	CITATIONS
613	Jet energy resolution in proton-proton collisions at $\sqrt{s}=7$ TeV recorded in 2010 with the ATLAS detector. European Physical Journal C, 2013, 73, 2306.	1.4	209
614	Measurement of the $\text{Star}\{t\}$ production cross section in the tau + jets channel using the ATLAS detector. European Physical Journal C, 2013, 73, 2328.	1.4	45
615	High-statistics study of KFormula pair production in two-photon collisions. Progress of Theoretical and Experimental Physics, 2013, 2013, 123C01-123C01.	1.8	18
616	Search for WHproduction with a light Higgs boson decaying to prompt electron-jets in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. New Journal of Physics, 2013, 15, 043009.	1.2	15
617	Measurement of the $C \times P$ violation parameters in $B \rightarrow 0 \hat{a}^+ \bar{K}^0$ decays. Physical Review D, 2013, 88, .	1.6	27
618	Evidence for the suppressed decay $B \rightarrow 0 \hat{a}^+ \bar{K}^0$ . Physical Review D, 2013, 88, .	1.6	9
619	Study of the hadronic transitions $\Upsilon(2S) \rightarrow \Upsilon(1S) \pi^0$ at Belle. Physical Review D, 2013, 87, .	1.6	7
620	Measurement of exclusive $\Upsilon(1S)$ and $\Upsilon(2S)$ decays into vector-pseudoscalar final states. Physical Review D, 2013, 88, .	1.6	7
621	Angular analysis of $B \rightarrow 0 \hat{a}^+ \bar{K}^0$ decays. Physical Review D, 2013, 88, .	1.6	99
622	Study of exclusive $B \rightarrow 0 \hat{a}^+ \bar{K}^0$ decays and extraction of $\text{CP}$ violation parameters. Physical Review D, 2013, 88, .	1.6	16
623	Search for $B \rightarrow 0 \hat{a}^+ \bar{K}^0$ decays at Belle. Physical Review D, 2013, 88, .	1.6	79
624	Measurement of the inclusive semileptonic branching fraction $\text{Br}(B \rightarrow 0 \hat{a}^+ \bar{K}^0 \ell^+ \ell^-)$ at Belle. Physical Review D, 2013, 88, .	1.6	10
625	Measurements of branching fractions and direct $\text{CP}$ asymmetries for $B \rightarrow 0 \hat{a}^+ \bar{K}^0$ decays. Physical Review D, 2013, 88, .	1.6	51
626	Search for heavy neutrinos at Belle. Physical Review D, 2013, 87, .	1.6	81
627	Measurement of the inclusive semileptonic branching fraction $\text{Br}(B \rightarrow 0 \hat{a}^+ \bar{K}^0 \ell^+ \ell^-)$ at Belle. Physical Review D, 2013, 88, .	1.6	4
628	Observation of $B \rightarrow 0 \hat{a}^+ \bar{K}^0 \ell^+ \ell^-$ decays. Physical Review D, 2013, 88, .	1.6	4
629	Measurement of the wrong-sign decay $B \rightarrow 0 \hat{a}^+ \bar{K}^0 \ell^+ \ell^-$ . Physical Review D, 2013, 88, .	1.6	4
630	Search for heavy neutrinos at Belle. Physical Review D, 2013, 87, .	1.6	81

#	ARTICLE	IF	CITATIONS
631	Measurement of $e^+e^- \rightarrow \tau^+\tau^- \gamma$ at $\sqrt{s} = 10.6$ GeV. Physical Review D, 2013, 88, .	1.6	10
632	First observation of Cabibbo-suppressed $B \rightarrow \tau^+\tau^- \gamma$ decays. Physical Review D, 2013, 88, .	1.6	5
633	Experimental constraints on the spin and parity of the $B_{(s)}$ mesons. Evidence for $B_{(s)} \rightarrow \tau^+\tau^- \gamma$ decays. Physical Review D, 2013, 88, .	1.6	3
634	Measurement of the branching fraction $B \rightarrow \tau^+\tau^- \gamma$ . Physical Review D, 2013, 88, .	2.9	135
635	Measurement of the branching fraction $B \rightarrow \tau^+\tau^- \gamma$ . Physical Review D, 2013, 88, .	1.6	52
636	Mechanical construction and installation of the ATLAS tile calorimeter. Journal of Instrumentation, 2013, 8, T11001-T11001.	0.5	3
637	Laser tests of the DEPFET gated operation. Journal of Instrumentation, 2013, 8, C01051-C01051.	0.5	2
638	The optical instrumentation of the ATLAS Tile Calorimeter. Journal of Instrumentation, 2013, 8, P01005-P01005.	0.5	4
639	Measurement of the branching fraction $B \rightarrow \tau^+\tau^- \gamma$ . Physical Review D, 2013, 88, .	2.9	65
640	Search for $B_0$ decays to invisible final states at Belle. Physical Review D, 2012, 86, .	1.6	14
641	Measurements of branching fractions and time-dependent CP violating asymmetries in $B_0 \rightarrow D^{*\mp} \tau^{\pm} \nu$ decays. Physical Review D, 2012, 85, .	1.6	12
642	Search for CP violation in the decay $B \rightarrow \tau^+\tau^- \gamma$ . Physical Review D, 2013, 88, .	2.9	17
643	Measurement of the branching fraction $B \rightarrow \tau^+\tau^- \gamma$ . Physical Review D, 2013, 88, .	2.9	26
644	Search for $B \rightarrow \tau^+\tau^- \gamma$ decays. Physical Review D, 2012, 86, .	1.6	7
645	First observation of CP violation and improved measurement of the branching fraction and polarization of $B_0 \rightarrow D^{*+} D^{*-} \tau^{\pm} \nu$ decays. Physical Review D, 2012, 86, .	1.6	4
646	Measurement of the cross section for top-quark pair production in pp collisions at $\sqrt{s} = 7, 8$ TeV with the ATLAS detector using final states with two high-p T leptons. Journal of High Energy Physics, 2012, 2012, 1.	1.6	45
647	Jet mass and substructure of inclusive jets in $\sqrt{s} = 7, 8$ TeV pp collisions with the ATLAS experiment. Journal of High Energy Physics, 2012, 2012, 1.	1.6	88
648	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

#	ARTICLE	IF	CITATIONS
649	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in $4.7 \text{ fb}^{-1}$ of $\sqrt{s} = 7 \text{ TeV}$ proton-proton collisions. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	53
650	A search for $t$ resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	40
651	Search for the Standard Model Higgs boson in the $H \rightarrow \tau^+ \tau^-$ decay mode in $\sqrt{s} = 7 \text{ TeV}$ pp collisions with ATLAS. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	43
652	A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at $\sqrt{s} = 7 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	34
653	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ with ATLAS. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	15
654	Search for a heavy top-quark partner in final states with two leptons with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	54
655	Search for high-mass resonances decaying to dilepton final states in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	54
656	Search for anomalous production of prompt like-sign lepton pairs at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	17
657	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. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	48
658	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. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	13
659	Measurement of $\sigma(\tau^+ \tau^-)$ and constraint on the $\hat{\theta}$ mixing angle. <i>Physical Review D</i> , 2012, 85, .	1.6	21
660	First measurement of $\sigma(\tau^+ \tau^-)$ with a model-independent Dalitz plot analysis of $B \rightarrow \tau^+ \tau^- K^0$ decay. <i>Physical Review D</i> , 2012, 85, .	1.6	32
661	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	248
662	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	100
663	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	13
664	Measurement of $t$ production with a veto on additional central jet activity in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. <i>European Physical Journal C</i> , 2012, 72, 2043.	1.4	109
665	A search for $t$ resonances with the ATLAS detector in $2.05 \text{ fb}^{-1}$ of proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>European Physical Journal C</i> , 2012, 72, 2083.	1.4	25
666	Search for second generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	37

#	ARTICLE	IF	CITATIONS
667	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
668	Measurement of $W \pm Z$ 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
669	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
670	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
671	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
672	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
673	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

674

#	ARTICLE	IF	CITATIONS
685	Search for lepton flavour violation in the $e\tau$ continuum with the ATLAS detector in $\sqrt{s} = 7\text{--}m_{\text{TeV}}$ pp collisions at the LHC. European Physical Journal C, 2012, 72, 2040.	1.4	13
686	Measurement of the top quark mass with the template method in the $t \rightarrow \text{lepton} + \text{jets}$ channel using ATLAS data. European Physical Journal C, 2012, 72, 2046.	1.4	51
687	Search for heavy neutrinos and right-handed W bosons in events with two leptons and jets in pp collisions at $\sqrt{s} = 7\text{--}m_{\text{TeV}}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 2056.	1.4	101
688	Measurement of $\tilde{I}$ , polarization in $W \rightarrow \tilde{I}, \tilde{I}'/2$ decays with the ATLAS detector in pp collisions at $\sqrt{s} = 7\text{--}m_{\text{TeV}}$ . European Physical Journal C, 2012, 72, 2062.	1.4	21
689	Bounds on the width, mass difference and other properties of $X$ . <i>Physical Review D</i> , 2011, 83, 074017.	1.6	72
690	Measurement of the decay $B \rightarrow \tau^+ \nu_\tau$ determination of $V_{cb}$ . <i>Physical Review D</i> , 2011, 83, 074017.	1.6	72
691	Measurement of $V_{cb}$ . <i>Physical Review D</i> , 2011, 83, 074017.	1.6	72



#	ARTICLE	IF	CITATIONS
703	Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $\sqrt{s}=7$ TeV proton-proton collisions with the ATLAS experiment. European Physical Journal C, 2011, 71, 1.	1.4	41
704	Limits on the production of the standard model Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	40
705	Search for diphoton events with large missing transverse energy with 36 pb <sup>-1</sup> of 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	15
706	Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy. European Physical Journal C, 2011, 71, 1.	1.4	60
707	Measurement of the jet fragmentation function and transverse profile in proton-proton collisions at a center-of-mass energy of 7 TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	56
708	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb <sup>-1</sup> of ATLAS data. European Physical Journal C, 2011, 71, 1.	1.4	14
709	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
710	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
711	Measurement of $W^0$ and $Z^0$ 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
712	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
713	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
714	Development of n-on-p silicon sensors for very high radiation environments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 636, S24-S30.	0.7	75
715	Testing of bulk radiation damage of n-in-p silicon sensors for very high radiation environments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 636, S83-S89.	0.7	31
716	Evaluation of the bulk and strip characteristics of large area n-in-p silicon sensors intended for a very high radiation environment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 636, S104-S110.	0.7	20
717	Testing of surface properties pre-rad and post-rad of n-in-p silicon sensors for very high radiation environment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 636, S111-S117.	0.7	29
718	Intrinsic resolutions of DEPFET detector prototypes measured at beam tests. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 638, 24-32.	0.7	19
719	Search for lepton-flavor-violating $\tilde{I}_1$ decays into a lepton and a vector meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 251-257.	1.5	33
720	Search for charmonium and charmoniumlike states in $\Upsilon(2S)$ radiative decays. Physical Review D, 2011, 84, .	1.6	12

#	ARTICLE	IF	CITATIONS
721	Observation of $D \rightarrow K^+ \pi^0$ and Search for CP Violation in $D \rightarrow \pi^+ \pi^0$ Decays. Physical Review Letters, 2011, 107, 221801.	2.9	17
722	Observation of $B \rightarrow s \gamma$ decays into $B \rightarrow K^+ K^- \pi^0$ and $B \rightarrow K^+ K^- \pi^0$ decays. Physical Review Letters, 2011, 106, 121802.	2.9	54
723	BEAM TEST RESULTS FOR FINE PITCHED MULTIGEOMETRY SILICON STRIP DETECTORS. , 2010, , .		0
724	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 723-753.	1.4	61
725	The ATLAS Inner Detector commissioning and calibration. European Physical Journal C, 2010, 70, 787-821.	1.4	95
726	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. European Physical Journal C, 2010, 70, 755-785.	1.4	51
727	Commissioning of the ATLAS Muon Spectrometer with Cosmic Rays. European Physical Journal C, 2010, 70, 875-916.	1.4	23
728	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	1.4	1,187
729	Readiness of the ATLAS Tile Calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 1193-1236.	1.4	121
730	Performance of the ATLAS detector using first collision data. Journal of High Energy Physics, 2010, 2010, 1.	1.6	18
731	Measurement of the $W \rightarrow e \nu_e$ , $Z \rightarrow e^+ e^-$ and $Z \rightarrow \mu^+ \mu^-$ 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
732	Optimising the strip geometry for very fine pitch silicon strip sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 532-533.	0.7	1
733	Search for $B \rightarrow K^+ K^- \pi^0$ and $B \rightarrow K^+ K^- \pi^0$ decays into $B \rightarrow K^+ K^- \pi^0$ decays. Physical Review Letters, 2010, 105, 121802.	1.5	14
734	Evidence for a New Resonance and Search for the $B \rightarrow K^+ K^- \pi^0$ decays into $B \rightarrow K^+ K^- \pi^0$ decays. Physical Review Letters, 2010, 105, 121802.	2.9	122
735	Search for CP Violation in the Decays $D(s) \rightarrow K^+ K^0 \pi^0$ and $D(s) \rightarrow K^+ K^0 \pi^0$ . Physical Review Letters, 2010, 104, 181602.	2.9	40
736	Measurements of branching fractions for $B \rightarrow D_s^+ \pi^-$ and $B \rightarrow D_s^+ \pi^-$ . Physical Review D, 2010, 82, .	1.6	10
737	Search for $C \rightarrow P$ -violating charge asymmetry in $B \rightarrow K^+ K^- \pi^0$ decays. Physical Review D, 2010, 82, .	1.6	7
738	Evidence for $B \rightarrow K^+ K^- \pi^0$ decays into $B \rightarrow K^+ K^- \pi^0$ decays with a semileptonic tagging method. Physical Review D, 2010, 82, .	1.6	39

#	ARTICLE	IF	CITATIONS
739	Measurement of $\eta$ -production in two-photon collisions. Physical Review D, 2010, 82, .	1.6	20
740	Measurement of $\Upsilon(5S)$ decays to $B_0$ and $B^+$ mesons. Physical Review D, 2010, 81, .	1.6	24
741	Search for $B_c^0$ decays to $B_0$ and $B^+$ mesons. Physical Review D, 2010, 81, .		
742	Measurement of the branching fractions for $B_0 \rightarrow D_s^+ D_s^-$ and $B_0 \rightarrow D_s^+ K^-$ decays. Physical Review D, 2010, 81, .	1.6	5
743	Measurement of $C$ and $P$ violating asymmetries in $B \rightarrow D^* \ell^+ \ell^-$ decays. Physical Review D, 2010, 82, .	1.6	35
744	Observation of $B \rightarrow D^* \ell^+ \ell^-$ decays. Physical Review D, 2010, 82, .	1.6	10
745	The Medipix2-based network for measurement of spectral characteristics and composition of radiation in ATLAS detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 607, 35-37.	0.7	29
746	Testbeam studies of production modules of the ATLAS Tile Calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 606, 362-394.	0.7	91
747	Spatial resolution analysis of micron resolution silicon pixel detectors based on beam and laser tests. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, 385-389.	0.7	12
748	Deuteron frozen-spin- polarized target for nd experiments at the VdG accelerator of Charles University. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 593, 177-182.	0.7	0
749	$B$ , $D$ and $K$ decays. European Physical Journal C, 2008, 57, 309-492.	1.4	146
750	A DEPFET Based Beam Telescope With Submicron Precision Capability. IEEE Transactions on Nuclear Science, 2008, 55, 662-666.	1.2	20
751	Evaluation of the ATLAS-MPX Devices for Neutron Field Spectral Composition Measurement in the ATLAS Experiment. , 2008, , .		8
752	Combined performance tests before installation of the ATLAS Semiconductor and Transition Radiation Tracking Detectors. Journal of Instrumentation, 2008, 3, P08003-P08003.	0.5	42
753	The integration and engineering of the ATLAS Semiconductor Tracker Barrel. Journal of Instrumentation, 2008, 3, P10006-P10006.	0.5	13
754	Engineering for the ATLAS Semiconductor Tracker (SCT) End-cap. Journal of Instrumentation, 2008, 3, P05002-P05002.	0.5	5
755	The silicon microstrip sensors of the ATLAS semiconductor tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 578, 98-118.	0.7	63
756	Systematic effects in some semiconductor detector tests. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 583, 37-41.	0.7	0

#	ARTICLE	IF	CITATIONS
757	Laser tests of silicon detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 573, 12-15.	0.7	5
758	DEPFET, a monolithic active pixel sensor for the ILC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 579, 685-689.	0.7	20
759	SiLC R&D: Design, present status and perspectives. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 579, 750-753.	0.7	2
760	The ATLAS semiconductor tracker end-cap module. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 575, 353-389.	0.7	65
761	Laser measurement of absolute charge collection efficiency of a silicon detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 306-309.	0.7	2
762	Small program for fast DAQ in windows environment. IEEE Transactions on Nuclear Science, 2006, 53, 876-879.	1.2	0
763	The ATLAS hadronic tile calorimeter: from construction toward physics. IEEE Transactions on Nuclear Science, 2006, 53, 1275-1281.	1.2	7
764	The ATLAS Semiconductor Tracker " design and status of construction. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 128-131.	0.5	2
765	The barrel modules of the ATLAS semiconductor tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 568, 642-671.	0.7	79
766	Development of radiation tolerant semiconductor detectors for the Super-LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 546, 99-107.	0.7	29
767	Beam tests of ATLAS SCT silicon strip detector modules. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 538, 384-407.	0.7	42
768	Neutron response function for a detector with $^3\text{He}$ counters for the 0.39-1.54 MeV neutron energy range. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 540, 430-436.	0.7	3
769	Radiation-hard semiconductor detectors for SuperLHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 541, 189-201.	0.7	55
770	Design and performance of the ABCD3TA ASIC for readout of silicon strip detectors in the ATLAS semiconductor tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 552, 292-328.	0.7	104
771	Recent advancements in the development of radiation hard semiconductor detectors for S-LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 552, 7-19.	0.7	33
772	Measurement of spin dependent total cross sections in neutron-deuteron scattering. AIP Conference Proceedings, 2005, , .	0.3	1
773	Small program for fast data acquisition in Windows environment. , 2005, , .		1
774	Study of neutron response and $n\bar{n}$ discrimination by charge comparison method for small liquid scintillation detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 527, 512-518.	0.7	13

#	ARTICLE	IF	CITATIONS
775	Measurement of Spin Dependent Total Cross Sections in Neutron-Deuteron Scattering. Few-Body Systems, 2003, , 359-360.	0.2	1
776	Beamtest of nonirradiated and irradiated ATLAS SCT microstrip modules at KEK. IEEE Transactions on Nuclear Science, 2002, 49, 1868-1875.	1.2	13
777	On the possibility to increase the polarization of the neutron beam at the Van de Graaff accelerator of the Charles University. European Physical Journal D, 2002, 52, C707-C710.	0.4	0
778	Results from a new combined test of an electromagnetic liquid argon calorimeter with a hadronic scintillating-tile calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 449, 461-477.	0.7	21
779	Hadronic shower development in Iron-Scintillator Tile Calorimetry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 443, 51-70.	0.7	15
780	Experimental tests of neutron shielding for the ATLAS forward region. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 420, 249-258.	0.7	3
781	Charge collection efficiency of GaAs detectors studied with low-energy heavy charged particles. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 434, 34-37.	0.7	2
782	Scanning of irradiated silicon detectors using alpha particles and low-energy protons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 434, 118-130.	0.7	9
783	Development of low-pressure vapour-phase epitaxial GaAs for medical imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 434, 1-13.	0.7	11
784	Evaluation of Fermi read-out of the Atlas Tilecal prototype. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 403, 98-114.	0.7	3
785	Measurement of spin-dependent total cross-section difference $\hat{\sigma}_{\text{if}}^{\text{spin}}$ L in neutron-proton scattering at 16 MeV. Zeitschrift für Physik A, 1997, 359, 23-25.	0.9	15
786	Results from a combined test of an electromagnetic liquid argon calorimeter with a hadronic scintillating-tile calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 387, 333-351.	0.7	12
787	Response of the ATLAS Tile calorimeter prototype to muons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 388, 64-78.	0.7	12
788	Study of GaAs detector response with low-energy protons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 395, 21-25.	0.7	3
789	Measurement of spin-dependent total cross-section difference $\Delta\sigma_{\text{T}}$ in neutron-proton scattering at 16 MeV. Zeitschrift für Physik A, 1996, 354, 401-408.	0.9	2
790	Measurement of spin-dependent total cross-section difference $\hat{\sigma}_{\text{if}}^{\text{spin}}$ T in neutron-proton scattering at 16 MeV. Zeitschrift für Physik A, 1996, 354, 401-408.	0.9	18
791	Production of monoenergetic neutrons from the $T(d, n)^4\text{He}$ reaction with the associated particle method. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 317, 553-558.	0.7	6
792	Beamtest of non-irradiated and irradiated ATLAS SCT microstrip modules at KEK. , 0, , .		0