

Peter KodyÅ;

List of Publications by Year in descending order

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816
papers

35,916
citations

4146

87
h-index

9103

144
g-index

846
all docs

846
docs citations

846
times ranked

11143
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of the ATLAS Level-1 topological trigger in Run 2. European Physical Journal C, 2022, 82, 1.	3.9	6
2	Measurement of the c-jet mistagging efficiency in $\sqrt{s}=13$ TeV events using pp collision data at $\sqrt{s}=13$ TeV collected with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	14
3	Search for exotic decays of the Higgs boson into $b\bar{b}$ and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
4	Search for the decay $B_s \rightarrow \tau^+ \bar{\nu}_\tau$. Physical Review D, 2022, 105, .	4.7	0
5	Observation of electroweak production of two jets in association with an isolated photon and missing transverse momentum, and search for a Higgs boson decaying into invisible particles at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, 1.	3.9	8
6	Combined analysis of Belle and Belle II data to determine the CKM angle $\arg(V_{cb} V_{cd}^*)$ using $B \rightarrow \tau^+ D^0$ decays. Journal of High Energy Physics, 2022, 2022, 1.	4.7	10
7	Search for a Light Higgs Boson in Single-Photon Decays of $B \rightarrow \tau^+ D^0$ decays. Journal of High Energy Physics, 2022, 2022, 1.	4.7	10
8	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with 139 fb^{-1} of pp collision data at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	10
9	AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	2.9	23
10	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.	3.9	4
11	The ATLAS inner detector trigger performance in pp collisions at $\sqrt{s}=13$ TeV during LHC Run 2. European Physical Journal C, 2022, 82, 1.	3.9	5
12	Search for $B \rightarrow D^0 \pi^0$ meson decays into $B \rightarrow D^0 \pi^0$ and missing energy with a hadronic tagging method at Belle. Physical Review D, 2022, 105, .	4.7	6
13	First measurement of the $\Lambda_c^+ \rightarrow \tau^+ \bar{\nu}_\tau$ decay. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
14	Measurement of Two-Particle Correlations of Hadrons in $B \rightarrow D^0 \pi^0$ Collisions at Belle. Physical Review Letters, 2022, 128, 142005.	7.8	2
15	Search for flavour-changing neutral-current interactions of a top quark and a gluon in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	7
16	Measurement of the energy asymmetry in $t\bar{t}$ production at $\sqrt{s}=13$ TeV with the ATLAS experiment and interpretation in the SMEFT framework. European Physical Journal C, 2022, 82, .	3.9	2
17	Measurement of the branching fraction and $B \rightarrow D^0 \pi^0$ asymmetry for $B \rightarrow D^0 \pi^0$ decays. Physical Review D, 2022, 105, .	4.7	1
18	An improved search for the electric dipole moment of the \tilde{l} , lepton. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6

#	ARTICLE	IF	CITATIONS
19	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s} = 7, 8$ and 13 TeV. European Physical Journal C, 2022, 82, 1.	3.9	12
20	Search for charged lepton flavor violating decays of $\tilde{\tau}^0$ (1S). Journal of High Energy Physics, 2022, 2022, .	4.7	4
21	Study of $\langle \mathcal{L} \rangle$ and $\langle \mathcal{L}^2 \rangle$ for $\tilde{\tau}^0$ (1S) decays. Journal of High Energy Physics, 2022, 2022, .	4.7	8
22	Search for $\tilde{\tau}^0$ (1S) decays into $Z\tau^+\tau^-$ and $Z\nu\tau^+\tau^-$ in the $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. Physical Review D, 2022, 106, .	4.7	8
23	Measurement of hadronic event shapes in high-pT multijet final states at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
24	Measurement of time-dependent C and P violation parameters in $B \rightarrow K^* \mu^+ \mu^-$ decays. Physical Review D, 2021, 103, .	4.7	3
25	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.	4.7	37
26	Differential cross-section measurements for the electroweak production of dijets in association with a Z boson in proton-proton collisions at ATLAS. European Physical Journal C, 2021, 81, 1.	3.9	12
27	Measurements of WH and ZH production in the $W \rightarrow b\bar{b}$ decay channel in pp collisions at $\sqrt{s} = 13, 8$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	38
28	Search for dark matter in association with an energetic photon in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	18
29	Test of lepton flavor universality and search for lepton flavor violation in $B \rightarrow K^* \mu^+ \mu^-$ decays. Journal of High Energy Physics, 2021, 2021, 1.	4.7	64
30	Search for type-III seesaw heavy leptons in dilepton final states in pp collisions at $\sqrt{s} = 13, 8$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	17
31	Measurement of branching fractions of $\tilde{b}_c \rightarrow \tilde{\tau}^0 \tau^+$, $\tilde{b}_c \rightarrow \tilde{\tau}^0 \nu_\tau$, and $\tilde{b}_c \rightarrow \tilde{\tau}^0 \nu_\tau$. Physical Review D, 2021, 103, .	4.7	6
32	Evidence for $\tilde{b}_c \rightarrow \tilde{\tau}^0 \tau^+$ decays. Physical Review Letters, 2021, 126, 122001.	7.8	19
33	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.	4.7	19
34	Search for Higgs boson production in association with a high-energy photon via vector-boson fusion with decay into bottom quark pairs at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	6
35	Measurement of branching fraction and search for CP violation in $B \rightarrow K^* \mu^+ \mu^-$. Physical Review D, 2021, 103, .	4.7	0
36	Search for new phenomena with top quark pairs in final states with one lepton, jets, and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14

#	ARTICLE	IF	CITATIONS
37	Search for new phenomena in events with two opposite-charge leptons, jets and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	22
38	Search for pair production of scalar leptoquarks decaying into first- or second-generation leptons and top quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	18
39	Search for the dark photon in $B \rightarrow \tau^+ A_1^- e^+ e^-$, $B \rightarrow \tau^+ e^+ e^- \gamma$, and $B \rightarrow \tau^+ e^+ e^- \gamma$ decays at Belle. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
40	Measurements of the branching fractions of $B_c \rightarrow \rho^+ \pi^-$ and $B_c \rightarrow \rho^+ \pi^0$ decays at Belle. Physical Review D, 2021, 103, .	4.7	10
41	Optimisation of large-radius jet reconstruction for the ATLAS detector in 13 TeV proton-proton collisions. European Physical Journal C, 2021, 81, 1.	3.9	15
42	Search for heavy resonances decaying into a pair of Z bosons in the $e^+ e^- \rightarrow e^+ e^- Z Z$ and $e^+ e^- \rightarrow e^+ e^- \gamma \gamma$ 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.	3.9	40
43	Search for new phenomena in final states with b-jets and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	18
44	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $e^+ e^- \rightarrow b \bar{b} Z H$ and $e^+ e^- \rightarrow W W Z H$ final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	26
45	Particle Identification in Belle II Silicon Vertex Detector. , 2021, , .		1
46	Measurement of the resonant and nonresonant branching ratios in $B_c \rightarrow \rho^+ \pi^- K^+$. Physical Review D, 2021, 103, .	4.7	2
47	Search for doubly and singly charged Higgs bosons decaying into vector bosons in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	23
48	Measurements of branching fractions and asymmetry parameters of $\overline{B} \rightarrow K^* \Lambda_c^0$, $B \rightarrow K^* \Lambda_c^0$, and $\overline{B} \rightarrow K^* \Lambda_c^0$ decays at Belle. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
49	Operational Experience and Performance of the Belle II Pixel Detector. , 2021, , .		0
50	Measurements of $W+W \rightarrow 1$ jet production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
51	Measurement of branching fractions and asymmetries for $C \rightarrow P D_s^+ K^+$ decays at Belle. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
52	Search for charged Higgs bosons decaying into a top quark and a bottom quark at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	46
53	The Belle II Silicon Vertex Detector: Performance and Operational Experience in the First Year of Data Taking. , 2021, , .		1
54	Measurements of Higgs bosons decaying to bottom quarks from vector boson fusion production with the ATLAS experiment at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	14

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55	A Study of Hit-time Reconstruction of Belle II Silicon Vertex Detector. , 2021, , .		0
56	Measurement of the energy dependence of the $e^+e^- \rightarrow B \overline{B}$ exclusive cross sections. Journal of High Energy Physics, 2021, 2021, 1.	4.7	6
57	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a \tilde{l} -lepton in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	27
58	Search for supersymmetry in events with four or more charged leptons in 139 fb^{-1} of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
59	Determination of the parton distribution functions of the proton from ATLAS measurements of differential W_{\pm} and Z boson production in association with jets. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
60	Measurements of differential cross-sections in four-lepton events in 13 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
61	A search for the decays of stopped long-lived particles at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
62	Muon reconstruction and identification efficiency in ATLAS using the full Run 2 pp collision data set at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	82
63	Search for the $\hat{c}^2(1D)$ in $e^+e^- \rightarrow \hat{c}^2(1D)$ at s near 10.6 GeV at Belle. Physical Review D, 2021, 104, .	4.7	0
64	Search for squarks and gluinos in final states with one isolated lepton, jets, and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	13
65	Measurements of partial branching fractions of inclusive $B \rightarrow X u \bar{c}$ decays with hadronic tagging. Physical Review D, 2021, 104, .	4.7	12
66	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.	3.9	3
67	Jet energy scale and resolution measured in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	64
68	Search for the decay $B_s \rightarrow \tau^+ \tau^-$. Physical Review D, 2021, 104, .	4.7	1
69	Measurements of the inclusive and differential production cross sections of a top-quark-antiquark pair in association with a Z boson at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	12
70	Measurement of the masses and widths of the \tilde{c} and \tilde{s} charm squarks. Physical Review D, 2021, 104, .	4.7	15
71	Measurements of the branching fractions of the semileptonic decays $B \rightarrow X \ell^+ \ell^-$. Physical Review D, 2021, 104, .	7.8	26
72	Measurement of branching fractions and search for CP violation in $D^0 \rightarrow \tau^+ \tau^-$, $D^0 \rightarrow K^+ K^-$, and $D^0 \rightarrow \tau^+ \tau^-$ at Belle. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1

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73	Search for dark matter produced in association with a single top quark in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	9
74	Measurements of top-quark pair single- and double-differential cross-sections in the all-hadronic channel in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
75	Search for phenomena beyond the Standard Model in events with large b-jet multiplicity using the ATLAS detector at the LHC. European Physical Journal C, 2021, 81, 1.	3.9	5
76	Search for lepton-flavor-violating tau-lepton decays to $\mu\tau$ at Belle. Journal of High Energy Physics, 2021, 2021, 1.	4.7	19
77	Search for dark matter in events with missing transverse momentum and a Higgs boson decaying into two photons in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
78	Search for $B \rightarrow K^* \mu^+ \mu^-$ decays with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	7.8	35
79	Precise measurement of the $D^0 \rightarrow \mu^+ \mu^-$ branching fraction. Physical Review Letters, 2021, 127, 181802.	7.8	8
80	Search for R-parity-violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment using $\sqrt{s} = 13$ TeV proton-proton collision data. European Physical Journal C, 2021, 81, 1.	3.9	7
81	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
82	Search for dark matter produced in association with a Standard Model Higgs boson decaying into b-quarks using the full Run 2 dataset from the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
83	Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
84	Search for exotic decays of the Higgs boson into long-lived particles in pp collisions at $\sqrt{s} = 13$ TeV using displaced vertices in the ATLAS inner detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
85	Measurement of Differential Branching Fractions of Inclusive $B \rightarrow X^0 \mu^+ \mu^-$ Decays. Physical Review Letters, 2021, 127, 261801.	7.8	6
86	Search for chargino-neutralino pair production in final states with three leptons and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	28
87	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1.	3.9	7
88	Study of $e^+e^- \rightarrow \mu^+\mu^-$ production in pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.		

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91	Measurements of inclusive and differential cross-sections of combined γ and $t\bar{W}b^3$ production in the e^+e^- channel at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	3
92	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.	1.6	6
93	Search for Axionlike Particles Produced in e^+e^- Collisions at Belle II. Physical Review Letters, 2020, 125, 161806.	7.8	50
94	Performance of the missing transverse momentum triggers for the ATLAS detector during Run-2 data taking. Journal of High Energy Physics, 2020, 2020, 1.	4.7	17
95	Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
96	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.	3.9	32
97	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.	4.7	28
98	Search for direct production of electroweakinos in final states with one lepton, missing transverse momentum and a Higgs boson decaying into two b-jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	34
99	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.	4.7	8
100	Measurement of isolated-photon plus two-jet production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	3
101	Measurements of the production cross-section for a Z boson in association with b-jets in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
102	Search for the $HH \rightarrow b\bar{b}$ process via vector-boson fusion production using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	17
103	Observation of the associated production of a top quark and a Z boson in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
104	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.	3.9	28
105	Evidence for a vector charmoniumlike state in $e^+e^- \rightarrow D_s + D_s^* + c.c.$. Physical Review D, 2020, 101, .	4.7	11
106	Update of inclusive cross sections of single and pairs of identified light charged hadrons. Physical Review D, 2020, 101, .	4.7	6
107	Dalitz analysis of $D^0 \rightarrow K^+ K^- \pi^0$ Observation of the Radiative Decays of $D^0 \rightarrow K^+ K^- \gamma$	4.7	8
108	Observation of the Radiative Decays of $D^0 \rightarrow K^+ K^- \gamma$	7.8	3

#	ARTICLE	IF	CITATIONS
109	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.	4.7	4
110	Measurements of top-quark pair spin correlations in the $e\mu e$ channel at $\sqrt{s} = 13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	22
111	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.	4.7	12
112	Search for transitions from $\Upsilon(4S)$ and $\Upsilon(5S)$ to $\hat{b}(1S)$ and $\hat{b}(2S)$ with emission of an η' meson. Physical Review D, 2020, 102, .	4.7	1
113	Higgs boson production cross-section measurements and their EFT interpretation in the 4ℓ decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	41
114	Study of electromagnetic decays of orbitally excited $\tilde{\chi}_c$ baryons. Physical Review D, 2020, 102, .	4.7	8
115	Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	36
116	Measurement of R_{D^*} and $R_{D^*}^{\text{CP}}$ in $B \rightarrow D^* \tau \nu_\tau$ decays using pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.		

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127	Search for $\overline{t}t$ resonances in fully hadronic final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
128	Reconstruction and identification of boosted $d\bar{t}$ systems in a search for Higgs boson pairs using 13 TeV proton-proton collision data in ATLAS. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8
129	Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1.	3.9	93
130	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.	3.9	124
131	Search for top squarks in events with a Higgs or Z boson using 139 fb ⁻¹ of pp collision data at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	4
132	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.	3.9	30
133	Search for heavy diboson resonances in semileptonic final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	29
134	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.	3.9	21
135	Search for a scalar partner of the top quark in the all-hadronic $t\bar{t}$ plus missing transverse momentum final state at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	36
136	Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1.	3.9	12
137	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.	3.9	15
138	Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s} = 13$ TeV pp collision data collected by the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	49
139	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.	3.9	28
140	Measurement of branching fraction and final-state asymmetry for the $B^0 \rightarrow K^* \ell^+ \ell^-$ decay. Physical Review D, 2019, 100, .	4.7	2
141	Transverse momentum dependent production cross sections of charged pions, kaons and protons produced in inclusive $e^+e^- \rightarrow e^+e^- \gamma^* \gamma^* \rightarrow e^+e^- \ell^+ \ell^-$ annihilation at $\sqrt{s} = 4.178$ GeV. Physical Review D, 2019, 99, .	4.7	17
142	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.	4.7	21
143	First measurements of absolute branching fractions of the $B_c \rightarrow \ell^+ \ell^- c$ baryon at Belle. Physical Review D, 2019, 100, .	4.7	21
144	Search for the $B^0 \rightarrow Y(4260)K$, $Y(4260) \rightarrow J/\psi \ell^+ \ell^-$ decays. Physical Review D, 2019, 99, .	4.7	4

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145	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.	4.7	8
146	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.	3.9	41
147	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.	4.7	30
148	Search for scalar resonances decaying into $\tilde{\chi}_4^0 + \tilde{\chi}_4^{\pm}$ 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.	4.7	15
149	Observation of a new structure near 10.75 GeV in the energy dependence of the $e^+e^- \rightarrow \tilde{\chi}_1^0 \tilde{\chi}_1^0$ ($n=1, 2$) $J_{ETQq1} = 1.07843$	4.7	23
150	Search for diboson resonances in hadronic final states in 139 fb^{-1} of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	20
151	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, .	3.9	4
152	Identification of boosted Higgs bosons decaying into b-quark pairs with the ATLAS detector at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, .	3.9	21
153	Measurement of the cross-section and charge asymmetry of W bosons produced in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	24
154	Measurement of jet-substructure observables in top quark, W boson and light jet production in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	13
155	Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC proton-proton collision data at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	77
156	Measurement of distributions sensitive to the underlying event in inclusive Z boson production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	3
157	Measurement of time-dependent CP violation in $B^0 \rightarrow K_S^0 \ell^+ \ell^-$ decays. Physical Review D, 2019, 99, .	4.7	3
158	Search for X 3872		

#	ARTICLE	IF	CITATIONS
163	Measurements of W and Z boson production in pp collisions at $\sqrt{s}=5.02$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	17
164	Performance of top-quark and W -boson tagging with ATLAS in Run 2 of the LHC. European Physical Journal C, 2019, 79, 1.	3.9	42
165	Measurements of inclusive and differential fiducial cross-sections of γ production in leptonic final states at $\sqrt{s}=13$ TeV in ATLAS. European Physical Journal C, 2019, 79, 1.	3.9	14
166	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.	1.6	2
167	Electron and photon energy calibration with the ATLAS detector using 2015–2016 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P03017-P03017.	1.2	37
168	Search for doubly charged scalar bosons decaying into same-sign W boson pairs with the ATLAS detector. European Physical Journal C, 2019, 79, 58.	3.9	61
169	Search for heavy Majorana or Dirac neutrinos and right-handed W gauge bosons in final states with two charged leptons and two jets at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	39
170	Measurements of branching fraction and direct CP asymmetry in $B_{\pm} \rightarrow K^{\pm} K^{\pm} K^{\pm}$ and a search for $B_{\pm} \rightarrow K^{\pm} K^{\pm} K^{\pm}$. Physical Review D, 2019, 99, .	4.7	3
171	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.	3.9	28
172	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run 2 data collected in 2015 and 2016. European Physical Journal C, 2019, 79, 1.	3.9	46
173	Measurement of the ratio of cross sections for inclusive isolated-photon production in pp collisions at $\sqrt{s} = 13$ and 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
174	Measurement of the top quark mass in the $t \rightarrow t \gamma$. European Physical Journal C, 2019, 79, 1.	3.9	47
175	Observation of $Z \rightarrow \mu^+ \mu^-$ and Evidence for $Z \rightarrow \mu^+ \mu^-$. $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.		

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181	Observation of Transverse $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi mathvariant="normal" \rangle \hat{1} \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false" \rangle \langle \text{mml:mover accent="true" \rangle \langle \text{mml:mi mathvariant="normal" \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false" \rangle \rangle \langle \text{mml:math} \rangle$ Hyperon Polarization in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle$	7.8	33
182	Measurement of the top-quark mass in $\overline{t}t + 1$ -jet events collected with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	27
183	Measurement of fiducial and differential W^+W^- production cross-sections at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	24
184	Measurement of ZZ production in the $\hat{a}, \hat{a}, \hat{1}/2 \hat{1}/2$ final state with the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
185	Measurement of $W^{\pm} \gamma$ -boson and Z-boson production cross-sections in pp collisions at $\sqrt{s}=2.76$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	8
186	Measurement of the inclusive cross-section for the production of jets in association with a Z boson in proton-proton collisions at 8 TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	9
187	Search for heavy neutral leptons in decays of W bosons produced in 13 TeV pp collisions using prompt and displaced signatures with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	50
188	Measurement of $W^{\pm} \gamma$ boson production in Pb+Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ -ext {TeV}ext {V} with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	17
189	ATLAS b-jet identification performance and efficiency measurement with $t\bar{t}$ events in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	130
190	Measurement of flow harmonics correlations with mean transverse momentum in lead-lead and proton-lead collisions at $\sqrt{s_{\text{NN}}} = 5.02$ -hbox {TeV} with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	36
191	Observation of a vector charmoniumlike state in $e^+e^- \rightarrow \hat{a}' D_s + D_s 1(2536) \hat{a}' + c.c.$. Physical Review D, 2019, 100, .	4.7	23
192	Measurements of top-quark pair differential and double-differential cross-sections in the $W^{\pm} + \text{jets}$ channel with pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	34
193	Scanning a Silicon Photomultiplier with a Laser Beam. Physics of Particles and Nuclei Letters, 2019, 16, 820-825.	0.4	3
194	Search for bottom-quark pair production with the ATLAS detector in final states containing Higgs bosons, b-jets and missing transverse momentum. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
195	Search for a Light C P $-$ odd Higgs Boson and Low-Mass Dark Matter at the Belle Experiment. Physical Review Letters, 2019, 122, 011801.	7.8	15
196	First measurement of the CKM angle $\bar{3}$ with $B_{\hat{a} \pm \hat{a}'} D(\{K\}_{\text{S}})^0 \rightarrow \bar{K}^{\pm} \bar{K}^{\pm} \bar{K}^{\pm}$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	4
197	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.	4.7	5
198	Measurement of S^0 and Λ^0 production in $t\bar{t}$ dileptonic events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	4

#	ARTICLE	IF	CITATIONS
199	Measurements of the absolute branching fractions of $B \rightarrow Xc$ decays $B \rightarrow Xc$	4.7	26
200	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.	4.7	116
201	Measurement of the cross-section for producing a W boson in association with a single top quark in pp collisions at s = 13 TeV with ATLAS. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
202	Search for CP violation in the $C \rightarrow P$ transition $C \rightarrow P$	4.7	10
203	Measurement of the W-boson mass in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 110.	3.9	218
204	Measurement of the $R_{\tau, \mu}$ lepton polarization and $R_{\tau, \mu}^{\text{had}}$ hadronic polarization $R_{\tau, \mu}$	4.7	118
205	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.	3.9	13
206	Search for the direct production of charginos and neutralinos in final states with tau leptons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 154.	3.9	52
207	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.0 TeV. European Physical Journal C, 2018, 78, 142.	3.9	59
208	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.	3.9	75
209	Measurement of differential cross-sections of a single top quark produced in association with a W boson at $\sqrt{s} = 13$ TeV with ATLAS. European Physical Journal C, 2018, 78, 186.	3.9	20
210	Search for heavy ZZ resonances in the $e^+e^- \rightarrow e^+e^- \gamma \gamma$ final states using proton-lead collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 293.	3.9	101
211	A search for pair-produced resonances in four-jet final states at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 250.	3.9	66
212	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.	4.7	40
213	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.	3.9	108
214	Direct top-quark decay width measurement in the $t \rightarrow \bar{t} \gamma$ lepton+jets channel at $\sqrt{s} = 8$ TeV with the ATLAS experiment. European Physical Journal C, 2018, 78, 129.	3.9	17
215	Observation of $\Lambda_c(2930)^0$ and updated measurement of $B^0 \rightarrow K^+ K^-$ at Belle. European Physical Journal C, 2018, 78, 1.	3.9	31
216	Search for W/WZ resonance production in $e^+e^- \rightarrow q\bar{q}$ final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	31

#	ARTICLE	IF	CITATIONS
217	Measurement of the Higgs boson coupling properties in the $H \rightarrow ZZ \rightarrow 4\ell$ decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	46
218	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the $H \rightarrow a\ell\ell$ channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	28
219	Measurement of the $Z\gamma \rightarrow u\bar{u}$ production cross section in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector and limits on anomalous triple gauge-boson couplings. Journal of High Energy Physics, 2018, 2018, 1.	4.7	10
220	Prompt and non-prompt J/ψ elliptic flow in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 784.	3.9	19
221	Search for Higgs boson pair production in the $\gamma\gamma \rightarrow W^+W^-$ channel using pp collision data recorded at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 1007.	3.9	53
222	Measurement of colour flow using jet-pull observables in $t\bar{t}$ events with the ATLAS experiment at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 847.	3.9	16
223	Measurement of $\cos^2\theta_{13}$ using $B \rightarrow D\ell\ell$ decays with the ATLAS experiment at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 847.	3.9	16

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235	Measurement of the decays $\tilde{\chi}_1^0 \rightarrow \tilde{\chi}_2^0 \gamma$ at Belle. Physical Review D, 2018, 98, .	4.7	5
236	Search for electroweak production of supersymmetric particles in final states with two or three leptons at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 995.	3.9	125
237	Observation of $e^+e^- \rightarrow \tilde{\chi}_1^0 \tilde{\chi}_2^0$ and search for $e^+e^- \rightarrow \tilde{\chi}_1^0 \tilde{\chi}_2^0$ at $s=10.96$ – 11.05 GeV. Physical Review D, 2018, 98, .	4.7	5
238	Search for charged Higgs bosons decaying into top and bottom quarks at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	56
239	Observation of $\tilde{\nu}^*(2S) \rightarrow \tilde{\nu}^* b(1S)$ Decay. Physical Review Letters, 2018, 121, 232001.	7.8	5
240	Operation and performance of the ATLAS Tile Calorimeter in Run 1. European Physical Journal C, 2018, 78, 987.	3.9	25
241	Evidence of a structure in $\Lambda_c^+ \rightarrow \Lambda_c^+ \gamma$. European Physical Journal C, 2018, 78, 1.	3.9	22
242	Search for supersymmetry in final states with missing transverse momentum and multiple b-jets in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	37
243	Search for pair production of heavy vector-like quarks decaying into high- p_T W bosons and top quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	22
244	Measurement of time-dependent asymmetries in $B \rightarrow D^* \gamma$. Physical Review D, 2018, 97, .	4.7	7
245	Search for top-quark pair production in final states with one lepton, jets, and missing transverse momentum using 36 fb^{-1} of $\sqrt{s}=13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	48
246	Search for long-lived charginos based on a disappearing-track signature in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	67
247	Search for supersymmetry in final states with charm jets and missing transverse momentum in 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	15
248	Search for charged Higgs bosons decaying via $H^{\pm} \rightarrow \tilde{\nu}_i \tilde{\nu}_j$, in the $\tilde{\nu}_i$ +jets and $\tilde{\nu}_i$ +lepton final states with 36 fb^{-1} of pp collision data recorded at $\sqrt{s}=13$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	4.7	59
249	Prompt and non-prompt J/ψ and $\psi(2S)$ suppression at high transverse momentum in 5.02–5.02 TeV Pb+Pb collisions with the ATLAS experiment. European Physical Journal C, 2018, 78, 762.	3.9	61
250	Search for Higgs boson decays to beyond-the-Standard-Model light bosons in four-lepton events with the ATLAS detector at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	31
251	Search for exclusive Higgs and Z boson decays to $\tilde{\nu}_i^* \tilde{\nu}_j$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	16
252	Measurements of b-jet tagging efficiency with the ATLAS detector using $t\bar{t}$ events at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40

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253	Search for flavour-changing neutral current top-quark decays $t \rightarrow qZ$ in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
254	Measurement of the inclusive and fiducial $t\bar{t}$ production cross-sections in the. European Physical Journal C, 2018, 78, 487.	3.9	10
255	Search for $\tilde{t}\tilde{t}^*$ production in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review D, 2018, 97, 031801.	4.7	2
256	Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 565.	3.9	79
257	Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 625.	7.8	13
258	Inclusive study of bottomonium production in association with an η meson in $e^+e^- \rightarrow e^+e^- \Upsilon(5S)$ annihilations near $\Upsilon(5S)$. European Physical Journal C, 2018, 78, 1.	3.9	13
259	Production cross sections of hyperons and charmed baryons from $e^+e^- \rightarrow e^+e^- \Lambda_c^+ \Lambda_c^-$ annihilations near $\Lambda_c^+ \Lambda_c^-$. Physical Review D, 2018, 97, .	4.7	17
260	Search for dark matter and other new phenomena in events with an energetic jet and large missing transverse momentum using the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	136
261	Observation of an Excited Λ_c^+ baryon. Physical Review Letters, 2018, 121, 052003.	7.8	32
262	Measurement of inclusive jet and dijet cross-sections in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
263	Search for dark matter produced in association with bottom or top quarks in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 18.	3.9	60
264	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 199.	3.9	132
265	Measurement of $\sigma(\text{pp} \rightarrow \text{ZZ}/\gamma\gamma) \times \text{BR}(\text{ZZ}/\gamma\gamma \rightarrow \text{ZZ}/\gamma\gamma)$. European Physical Journal C, 2018, 78, 163.	3.9	7
266	Searches for heavy ZZ and ZW resonances in the $\text{pp} \rightarrow \text{ZZ}/\gamma\gamma \rightarrow \text{ZZ}/\gamma\gamma$ final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	29
267	Observation of $\Upsilon(4S) \rightarrow \text{B}^0 \text{B}^0$. Physical Review Letters, 2018, 121, 062001.	7.8	8
268	Search for pair production of up-type vector-like quarks and for four-top-quark events in final states with multiple b-jets with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	33
269	Measurement of differential cross sections and W^+/\bar{W}^+ cross-section ratios for W boson production in association with jets at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	16

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271	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
272	Measurement of the W-boson mass in pp collisions at $(\sqrt{s}=7, \text{hbox \{TeV\}})$ with the ATLAS detector. , 2018, 78, 1.		1
273	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton–proton collisions at $(\sqrt{s}=13, \text{ext \{TeV\}})$. , 2018, 78, 1.		1
274	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.	1.6	3
275	Measurement of the $\sigma(\text{pp} \rightarrow \text{Z} \tau^+ \tau^-)$ and $\sigma(\text{pp} \rightarrow \text{W} \tau^+ \tau^-)$ production cross sections in multilepton final states using 3.2 fb^{-1} of pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2017, 77, 40.	3.9	41
276	A measurement of the calorimeter response to single hadrons and determination of the jet energy scale uncertainty using LHC Run-1 pp-collision data with the ATLAS detector. European Physical Journal C, 2017, 77, 26.	3.9	29
277	Measurement of the $\sigma(\text{pp} \rightarrow \text{D} \tau^+ \tau^-)$ and $\sigma(\text{pp} \rightarrow \text{D} \tau^+ \tau^-)$ production cross sections in multilepton final states using 3.2 fb^{-1} of pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2017, 77, 40.	7.8	18
278	Measurement of the inclusive cross-sections of single top-quark and top-antiquark t-channel production in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
279	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 $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2017, 77, 220.	3.9	11
280	Measurement of the W boson polarisation in $\text{pp} \rightarrow \text{W} \tau^+ \tau^-$ events from pp collisions at $\sqrt{s} = 8 \text{ TeV}$ in the lepton+jet channel with ATLAS. European Physical Journal C, 2017, 77, 264.	3.9	37
281	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton–proton collision data. European Physical Journal C, 2017, 77, 195.	3.9	87
282	Measurements of top-quark pair differential cross-sections in the $\text{pp} \rightarrow \text{e}^+ \text{e}^- \text{t} \bar{\text{t}}$ channel in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2017, 77, 292.	3.9	27
283	Performance of algorithms that reconstruct missing transverse momentum in $\text{pp} \rightarrow \text{W} \tau^+ \tau^-$ proton–proton collisions in the ATLAS detector. European Physical Journal C, 2017, 77, 241.	3.9	61
284	Measurement of the prompt $\text{pp} \rightarrow \text{J} \psi \tau^+ \tau^-$ pair production cross-section in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2017, 77, 76.	3.9	81
285	Search for triboson $\text{pp} \rightarrow \text{W}^+ \text{W}^+ \text{W}^-$ production in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2017, 77, 141.	3.9	25
286	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490.	3.9	325
287	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.	3.9	56
288	Measurements of electroweak $\text{pp} \rightarrow \text{W} \text{jj}$ production and constraints on anomalous gauge couplings with the ATLAS detector. European Physical Journal C, 2017, 77, 474.	3.9	26

#	ARTICLE	IF	CITATIONS
289	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:msup}\langle \text{mml:mi}\rangle D\langle \text{mml:mi}\rangle \langle \text{mml:mn}\rangle 0\langle \text{mml:mn}\rangle \langle \text{mml:msup}\rangle \langle \text{mml:math}\rangle$ decays to invisible final states at Belle. Physical Review D, 2017, 95, .	4.7	10
290	Search for the \hat{a}^{\prime} glueball in $\tilde{\chi}(1S)$ and $\tilde{\chi}(2S)$ decays. Physical Review D, 2017, 95, .	4.7	10
291	Jet reconstruction and performance using particle flow with the ATLAS Detector. European Physical Journal C, 2017, 77, 466.	3.9	145
292	Invariant-mass and fractional-energy dependence of inclusive production of dihadrons in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:msup}\langle \text{mml:mi}\rangle e\langle \text{mml:mi}\rangle \langle \text{mml:mo}\rangle +\langle \text{mml:mo}\rangle \langle \text{mml:msup}\rangle \langle \text{mml:msup}\rangle \langle \text{mml:mi}\rangle e\langle \text{mml:mi}\rangle \langle \text{mml:mo}\rangle \langle \text{mml:msup}\rangle \langle \text{mml:mi}\rangle s\langle \text{mml:mi}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:msqrt}\rangle \langle \text{mml:mo}\rangle =\langle \text{mml:mo}\rangle \langle \text{mml:math}\rangle$ annihilation at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow}\rangle \langle \text{mml:msqrt}\rangle \langle \text{mml:mrow}\rangle$	4.7	14
293	Measurement of branching fraction and direct $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow}\rangle \langle \text{mml:mi}\rangle C\langle \text{mml:mi}\rangle \langle \text{mml:mi}\rangle P\langle \text{mml:mi}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:math}\rangle$ asymmetry in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow}\rangle \langle \text{mml:mi}\rangle C\langle \text{mml:mi}\rangle \langle \text{mml:mi}\rangle P\langle \text{mml:mi}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:math}\rangle$ charmless	4.7	5
294	Measurement of branching fraction and direct $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow}\rangle \langle \text{mml:mi}\rangle B\langle \text{mml:mi}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:mn}\rangle 0\langle \text{mml:mn}\rangle \langle \text{mml:math}\rangle$ asymmetry in charmless	4.7	18
295	First measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:msup}\langle \text{mml:mi}\rangle B\langle \text{mml:mi}\rangle \langle \text{mml:mo}\rangle +\langle \text{mml:mo}\rangle \langle \text{mml:msup}\rangle \langle \text{mml:mo}\rangle$ -odd moments in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:msub}\langle \text{mml:mi}\rangle 1\langle \text{mml:mi}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:mi}\rangle c\langle \text{mml:mi}\rangle \langle \text{mml:mn}\rangle 0\langle \text{mml:mn}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:mn}\rangle \langle \text{mml:math}\rangle$ stretchy="false"> $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:msub}\langle \text{mml:mi}\rangle 1\langle \text{mml:mi}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:mi}\rangle c\langle \text{mml:mi}\rangle \langle \text{mml:mn}\rangle 0\langle \text{mml:mn}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:mn}\rangle \langle \text{mml:math}\rangle$ Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502	4.7	45
296	Measurement of multi-particle azimuthal correlations in pp, $p\hat{A}+A\hat{P}b$ and low-multiplicity $Pb\hat{A}+A\hat{P}b$ collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 428.	4.7	6
297	Lepton-Flavor-Dependent Angular Analysis of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow}\rangle \langle \text{mml:mi}\rangle T\langle \text{mml:mi}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:math}\rangle$ -odd moments in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow}\rangle \langle \text{mml:msup}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:mi}\rangle D\langle \text{mml:mi}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:mn}\rangle 0\langle \text{mml:mn}\rangle \langle \text{mml:math}\rangle$ stretchy="false"> \hat{a}^{\prime}	4.7	86
298	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:math}\rangle$ Physical Review Letters, 2017, 118, 111801.	7.8	252
299	Search for light tetraquark states in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:math}\rangle$ stretchy="false"> \hat{a}^{\prime}	4.7	93
300	Search for light tetraquark states in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mi}\rangle \langle \text{mml:mathvariant="normal"}\rangle \hat{1}\langle \text{mml:mi}\rangle \langle \text{mml:mover}\rangle$ stretchy="false"> $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mi}\rangle \langle \text{mml:mathvariant="normal"}\rangle \hat{1}\langle \text{mml:mi}\rangle \langle \text{mml:mover}\rangle$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (stre		

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321	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.	3.9	80
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506	Observation of $\text{mmml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>X</mml:mi><mml:mo>+</mml:mo></mml:math>$	4.7	18
507	Measurement of the $\text{mmml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msubsup><mml:mi>B</mml:mi><mml:mi>mathvariant="bold-italic">B</mml:mi><mml:mi>mathvariant="bold-italic">B</mml:mi><mml:mi>mathvariant="bold-italic">B</mml:mi><mml:mi>mathvariant="bold-italic">B</mml:mi></mml:msubsup></mml:mrow></mml:math>$	4.7	17
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586	Measurement of the underlying event in jet events from 7 TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 1.	3.9	23
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592	Measurement of dijet cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	36
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602	Search for direct top squark pair production in events with a Z boson, b -jets and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 2883.	3.9	55
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611	Search for the neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	52
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659	Measurement of the wrong-sign decay $B \rightarrow D^0 K^0$. Physical Review D, 2013, 88, .		
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