

Aaron Angerami

List of Publications by Year in descending order

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Version: 2024-02-01

218
papers

20,879
citations

25034
57
h-index

9861
141
g-index

225
all docs

225
docs citations

225
times ranked

10424
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of a new particle in the search for the Standard Model Higgs boson with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 1-29.	4.1	6,386
2	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	3.9	1,187
3	Combined Measurement of the Higgs Boson Mass in mml:math $\text{display}=\text{"inline"}$ $\langle \text{mml:mi} \rangle p \langle / \text{mml:mi} \rangle \langle \text{mml:mi} \rangle p \langle / \text{mml:mi} \rangle \langle / \text{mml:math} \rangle$ Collisions at mml:math $\text{display}=\text{"inline"}$ $\langle \text{mml:msqrt} \rangle \langle \text{mml:mi} \rangle s \langle / \text{mml:mi} \rangle \langle / \text{mml:msort} \rangle \langle \text{mml:mo} \rangle = \langle / \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 7 \langle / \text{mml:mn} \rangle \langle / \text{mml:math} \rangle$ and 8TeV with the ATLAS and CMS Experiments. Physical Review Letters, 2015, 114, 191803.	7.8	1,062
4	Performance of the ATLAS trigger system in 2015. European Physical Journal C, 2017, 77, 317.	3.9	489
5	Measurements of the Higgs boson production and decay rates and constraints on its couplings from a combined ATLAS and CMS analysis of the LHC pp collision data at $s = 7 \text{ TeV}$ and 8 TeV . Journal of High Energy Physics, 2016, 2016, 1.	4.7	473
6	Muon reconstruction performance of the ATLAS detector in proton-proton collision data at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2016, 76, 292.	3.9	453
7	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490.	3.9	325
8	Evidence for the spin-0 nature of the Higgs boson using ATLAS data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 120-144.	4.1	307
9	Performance of pile-up mitigation techniques for jets in pp collisions at $\sqrt{s}=8\text{TeV}$. European Physical Journal C, 2016, 76, 581.	3.9	298
10	Luminosity determination in pp collisions at $\sqrt{s}=8 \text{ TeV}$ using the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 653.	3.9	279
11	Measurements of the Higgs boson production and decay rates and coupling strengths using pp collision data at $\sqrt{s}=7 \text{ TeV}$ and 8 TeV in the ATLAS experiment. European Physical Journal C, 2016, 76, 6.	3.9	274
12	Jet energy measurement and its systematic uncertainty in proton-proton collisions at $\sqrt{s}=7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 17.	3.9	268
13	Performance of the ATLAS Trigger System in 2010. European Physical Journal C, 2012, 72, 1.	3.9	259
14	Combined measurements of Higgs boson production and decay using up to mml:math $\text{display}=\text{"inline"}$ $\langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 80 \langle / \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \text{a\%e\%o} \langle / \text{mml:mtext} \rangle \langle \text{mml:mtext} \rangle \text{a\%e\%o} \langle / \text{mml:mtext} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle 21 \langle / \text{mml:mi} \rangle \langle / \text{mml:msup} \rangle$ of proton-proton collision data at mml:math $\text{display}=\text{"inline"}$ $\langle \text{mml:msqrt} \rangle \langle \text{mml:mi} \rangle s \langle / \text{mml:mi} \rangle \langle / \text{mml:msq} \rangle$. Physical Review D, 2020, 101, .	3.9	241
15			

#	ARTICLE	IF	CITATIONS
19	Measurement of the jet radius and transverse momentum dependence of inclusive jet suppression in lead-lead collisions at $\sqrt{s} = 2.76 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary	4.1	195
20	Measurement of the Inelastic Proton-Proton Cross Section at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS Detector at the LHC. Physical Review Letters, 2016, 117, 182002.	7.8	185
21	Performance of missing transverse momentum reconstruction with the ATLAS detector using proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2018, 78, 903.	3.9	181
22	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. European Physical Journal C, 2015, 75, 476.	3.9	174
23	Observation of Higgs boson production in association with a top quark pair at the LHC with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 173-191.	4.1	169
24	Measurements of Higgs boson production and couplings in the four-lepton channel in collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. Physical Review D, 2015, 91, .	4.7	158
25	Jet energy scale measurements and their systematic uncertainties in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Physical Review D, 2017, 96, .	4.7	157
26	Measurement of the top quark-pair production cross section with ATLAS in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2011, 71, 1.	3.9	146
27	Jet reconstruction and performance using particle flow with the ATLAS Detector. European Physical Journal C, 2017, 77, 466.	3.9	145
28	Precision measurement and interpretation of inclusive $W^+ W^+$, $W^- W^-$ events. European Physical Journal C, 2017, 77, 367.	3.9	145
29	Search for Invisible Decays of a Higgs Boson Produced in Association with a Z -Boson in ATLAS. Physical Review Letters, 2014, 112, .	4.1	138
30	Combination of Searches for Invisible Higgs Boson Decays with the ATLAS Experiment. Physical Review Letters, 2019, 122, 231801.	7.8	133
31	Measurement of the Z/γ^* boson transverse momentum distribution in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	131
32	Search for Invisible Decays of a Higgs Boson Produced in Association with a Z -Boson in ATLAS. Physical Review Letters, 2014, 112, .	7.8	130
33	ATLAS b-jet identification performance and efficiency measurement with $t\bar{t}$ events in pp collisions at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2019, 79, 1.	3.9	130
34	Electron and photon performance measurements with the ATLAS detector using the 2015-2017 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P12006-P12006.	1.2	124
35	Measurement of the inclusive isolated prompt photon cross-section in $t\bar{t}$ collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Physical Review D, 2011, 83, .	4.7	121
36	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2016, 76, 538.	3.9	115

#	ARTICLE	IF	CITATIONS
37	Measurements of Higgs boson properties in the diphoton decay channel with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	115
38	Observation and measurement of Higgs boson decays to $b\bar{b}$ and $t\bar{t}$ with the ATLAS detector. <i>Physical Review D</i> , 2015, 92, 1.	4.7	110
39	Performance of electron and photon triggers in ATLAS during LHC Run 2. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	98
40	Search for the $b\bar{b} \rightarrow b\bar{b}$ decay of the Standard Model Higgs boson in associated (W/Z)H production with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	89
41	Measurement of $W\Lambda\pm$ and Z -boson production cross sections in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 759, 601-621.	4.7	87
42	Muon reconstruction and identification efficiency in ATLAS using the full Run 2 pp collision data set at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	82
43	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. <i>European Physical Journal C</i> , 2017, 77, 393.	3.9	80
44	Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC proton-proton collision data at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	77
45	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. <i>European Physical Journal C</i> , 2017, 77, 673.	3.9	75
46	Measurement of the inclusive and dijet cross-sections of b -jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	73
47	Reconstruction of primary vertices at the ATLAS experiment in Run 1 proton-proton collisions at the LHC. <i>European Physical Journal C</i> , 2017, 77, 332.	3.9	71
48	Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2015, 75, 303.	3.9	70
49	ATLAS data quality operations and performance for 2015–2018 data-taking. <i>Journal of Instrumentation</i> , 2020, 15, P04003-P04003.	1.2	68
50	Evidence for the $H \rightarrow b\bar{b} \rightarrow b\bar{b}$ decay with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	64
51	Search for new phenomena in events with an energetic jet and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions using the ATLAS detector. <i>Physical Review D</i> , 2021, 103.	4.7	64
52	Jet energy scale and resolution measured in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	64
53	Measurement of the Higgs boson mass in the $H \rightarrow a_1^+ a_1^-$ and $H \rightarrow \gamma \gamma$ channels with $\sqrt{s} = 13$ TeV pp collisions using the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 800, 134-148.	4.7	63
54	Cross-section measurements of the Higgs boson decaying into a pair of τ -leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2019, 99, 1.	4.7	63

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55	Performance of the ATLAS muon triggers in Run 2. <i>Journal of Instrumentation</i> , 2020, 15, P09015-P09015.	1.2	62
56	Prompt and non-prompt J/ψ and $\psi(2S)$ suppression at high transverse momentum in 5.02TeV Pb+Pb collisions with the ATLAS experiment. <i>European Physical Journal C</i> , 2018, 78, 762.	3.9	61
57	A search for the dimuon decay of the Standard Model Higgs boson with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 812, 135980.	4.1	61
58	Search for direct top squark pair production in events with a Z boson, b -jets and missing transverse momentum in $s=8\text{TeV}$ pp collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 2883.	3.9	55
59	Search for pair production of Higgs bosons in the $b\bar{b}$ final state using proton-proton collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	55
60	Search for the Decay of the Higgs Boson to Charm Quarks with the ATLAS Experiment. <i>Physical Review Letters</i> , 2018, 120, 211802. <i>Observation of Electroweak Production of a Same-Sign $\mu^+\mu^-$</i>	7.8	53
61	$\text{display}=\text{"inline"}$ $\text{W} \times \text{W}$ $\text{Boson Pair in Association with Two Jets in}$ $\text{display}=\text{"inline"}$ $\text{p} \times \text{p}$ Collisions at $\text{display}=\text{"block"}$ dilepton channel from	7.8	53
62	Performance of jet substructure techniques for large-R jets in proton-proton collisions at $\sqrt{s}=7\text{TeV}$ using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013, 2013, 1. <i>Measurement of the top quark mass in the</i>	4.7	52
63	$\text{display}=\text{"block"}$ channel from	4.1	52
64	Evidence for the associated production of the Higgs boson and a top quark pair with the ATLAS detector. <i>Physical Review D</i> , 2018, 97, .	4.7	51
65	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. <i>European Physical Journal C</i> , 2016, 76, 295.	3.9	50
66	Search for direct top squark pair production in final states with two leptons in $\sqrt{s}=13\text{TeV}$ pp collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2017, 77, 898.	3.9	50
67	Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s}=13\text{TeV}$ pp collision data collected by the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	49
68	Test of CP invariance in vector-boson fusion production of the Higgs boson using the Optimal Observable method in the ditau decay channel with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 658.	3.9	48
69	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36fb^{-1} of $\sqrt{s}=13\text{TeV}$ pp collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	48
70	Measurement of the Higgs boson coupling properties in the $H \rightarrow ZZ \rightarrow 4\ell$ decay channel at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	46
71	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run 2 data collected in 2015 and 2016. <i>European Physical Journal C</i> , 2019, 79, 1. <i>Measurements of gluon-gluon fusion and vector-boson fusion Higgs boson production cross-sections in the $H \rightarrow WW \rightarrow \ell\ell\ell\ell$ decay channel in pp collisions at</i>	3.9	46
72	$\text{display}=\text{"block"}$ $\text{width}="0.25em"$ $\text{with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics}$, 2019, 789, 508-529.	4.1	46

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73	Search for charged Higgs bosons decaying into a top quark and a bottom quark at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	46
74	Measurement of the top quark pair production cross section in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ in dilepton final states with ATLAS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 707, 459-477.		
75	Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	45
76	Search for supersymmetry at $\sqrt{s} = 8 \text{ TeV}$ in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	45
77	Constraints on off-shell Higgs boson production and the Higgs boson total width in $Z Z \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ and $Z Z \rightarrow \ell^+ \ell^- \nu \bar{\nu}$ final states with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 786, 223-244.	4.1	43
78	Combined measurement of differential and total cross sections in the $H \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ and the $H \rightarrow \ell^+ \ell^- \nu \bar{\nu}$ decay channels at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 786, 114-133.		
79	Performance of top-quark and ϑ_W W-boson tagging with ATLAS in Run 2 of the LHC. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	42
80	Higgs boson production cross-section measurements and their EFT interpretation in the $H \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ decay channel at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	41
81	Measurements of b-jet tagging efficiency with the ATLAS detector using $t\bar{t}$ events at $\sqrt{s} = 13 \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	40
82	Search for heavy resonances decaying into a pair of Z bosons in the $H \rightarrow Z Z \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ and $H \rightarrow Z Z \rightarrow \ell^+ \ell^- \nu \bar{\nu}$ final states using 139 fb^{-1} of proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	40
83	Search for invisible decays of the Higgs boson produced in association with a hadronically decaying vector boson in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2015, 75, 337.	3.9	39
84	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $\sqrt{s} = 8 \text{ TeV}$. <i>European Physical Journal C</i> , 2016, 76, 87.	3.9	39
85	Combination of searches for heavy resonances decaying into bosonic and leptonic final states using 139 fb^{-1} of proton-proton collision data at $\sqrt{s} = 13 \text{ TeV}$. <i>European Physical Journal C</i> , 2021, 81, 1.		
86	Observation of electroweak $W A + Z$ boson pair production in association with two jets in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 793, 469-492.	4.1	38
87	Measurements of WH and ZH production in the $H \rightarrow b\bar{b}$ decay channel in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	38
88	Electron and photon energy calibration with the ATLAS detector using 2015-2016 LHC proton-proton collision data. <i>Journal of Instrumentation</i> , 2019, 14, P03017-P03017.	1.2	37
89	Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fb^{-1} of $\sqrt{s} = 13 \text{ TeV}$ pp collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	37
90	Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in $\sqrt{s} = 13 \text{ TeV}$ pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	36

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91	Search for a scalar partner of the top quark in the all-hadronic $\$t\{ar\{t\}\}$$$ plus missing transverse momentum final state at $\$sqrt\{s\}=13\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	36
92	Measurement of the inclusive jet cross-section in proton-proton collisions at $s = 7\text{TeV}$ using 4.5 fb^{-1} of data with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	35
93	Measurements of top-quark pair differential and double-differential cross-sections in the $\$ell+\text{jets}$ channel with pp collisions at $\$sqrt\{s\}=13\text{TeV}$ using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	34
94	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 $\$sqrt\{s\}=13\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	34
95	<pre>xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math> Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>\u2212</mml:mtext></pre>	7.8	33
96	<pre>xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>\u00d7</mml:mtext> width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math> with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 499-519.</pre>	3.9	33
97	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the 4ell decay channel at $\$sqrt\{s\}=13\text{TeV}$. European Physical Journal C, 2020, 80, 1.	3.9	32
98	Measurement of inclusive and differential cross sections in the $H \rightarrow ZZ^* \rightarrow 4\ell$ decay channel in pp collisions at $s = 13\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	31
99	Search for new phenomena in events with same-charge leptons and b-jets in pp collisions at $\$sqrt\{s\}=13\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	30
100	Evidence for $\$tar\{t\}tar\{t\}$ production in the multilepton final state in proton+proton collisions at $\$sqrt\{s\}=13\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	30
101	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
102	Study of the material of the ATLAS inner detector for Run 2 of the LHC. Journal of Instrumentation, 2017, 12, P12009-P12009.	1.2	29
103	Search for heavy diboson resonances in semileptonic final states in pp collisions at $\$sqrt\{s\}=13\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	29
104	Measurement of the Drell-Yan triple-differential cross section in pp collisions at $s = 8\text{TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	28
105	<pre>display="inline"><mml:mi>t</mml:mi><mml:mover accent="true"><mml:mi>t</mml:mi><mml:mo stretchy="false">\u207a</mml:mo></mml:mover><mml:mi>Z</mml:mi></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>t</mml:mi><mml:mover accent="true"><mml:mi>t</mml:mi><mml:mo stretchy="false">\u207a</mml:mo></mml:mover><mml:mi>W</mml:mi></mml:math> cross sections in proton</pre>	4.7	28
106	In situ calibration of large-radius jet energy and mass in 13TeV proton+proton collisions with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	28
107	Search for chargino+neutralino pair production in final states with three leptons and missing transverse momentum in $\$sqrt\{s\} = 13\text{TeV}$ pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	28
108	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a \tilde{l}_ν -lepton in pp collisions at $\$sqrt\{s\} = 13\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	27

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109	Measurements of electroweak W_{jj} production and constraints on anomalous gauge couplings with the ATLAS detector. European Physical Journal C, 2017, 77, 474. Search for Higgs bosons produced via vector-boson fusion and decaying into bottom quark pairs in $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{mml:msqrt} \rangle \langle \text{mml:mi} \rangle \langle /mml:mi \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mo} = \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 13 \langle /mml:mn \rangle \langle \text{mml:mtext} \rangle \text{at } 26 \rangle \langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{mml:mi} \rangle p \langle /mml:mi \rangle \langle \text{mml:mi} \rangle p \langle /mml:mi \rangle \langle /mml:math} \rangle$ collisions with the ATLAS detector. Physical Review D, 2018, 98.	3.9	26
110	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $ell ell bb$ and WW final states in pp collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	4.7	26
111	Search for charginos and neutralinos in final states with two boosted hadronically decaying bosons and missing transverse momentum in $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{mml:mi} \rangle p \langle /mml:mi \rangle \langle \text{mml:mi} \rangle p \langle /mml:mi \rangle \langle /mml:math} \rangle$ collisions at $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{mml:msqrt} \rangle \langle \text{mml:mi} \rangle s \langle /mml:mi \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mo} = \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 13 \langle /mml:mn \rangle \langle \text{mml:mtext} \rangle \text{at } 26 \rangle \langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{mml:mi} \rangle p \langle /mml:mi \rangle \langle \text{mml:mi} \rangle p \langle /mml:mi \rangle \langle /mml:math} \rangle$ with t. Physical Review D, 2021, 104.	3.9	26
112	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.	4.7	25
113	Measurement of fiducial and differential W^+W^- production cross-sections at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	24
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