

Performance of missing transverse momentum reconstruction using proton–proton collisions at $\sqrt{s}=13$ TeV

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Measurement of the $Z\gamma$ production cross section in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector and limits on anomalous triple gauge-boson couplings. <i>Journal of High Energy Physics</i> , 2018, 2018, 1. with at least one	1.6	10
2	Z boson decaying into a pair of electrons or muons in collision data collected with the ATLAS detector at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	32
3	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. <i>European Physical Journal C</i> , 2018, 78, 625.	1.4	27
4	Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s}=13$ TeV pp collision data collected by the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	49
5	Search for chargino and neutralino production in final states with a Higgs boson and missing transverse momentum at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2019, 100, .	1.6	21
6	Search for Higgs boson pair production in the $WW^{(*)}WW^{(*)}$ decay channel using ATLAS data recorded at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	21
7	Measurement of $W^{\pm}Z$ production cross sections and gauge boson polarisation in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2019, 79, 1. Measurement of the	1.4	41
8	Measurement of the production cross section for a Higgs boson in association with a vector boson in the $H\ell\ell$ channel 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> , 2019, 793, 469-492.	1.6	28
9	Measurement of the production cross sections in the $H\ell\ell$ channel 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> , 2019, 793, 469-492.	1.5	13
10	Supersymmetry and the collider dark matter picture. <i>Modern Physics Letters A</i> , 2019, 34, 1930005.	0.5	1
11	Search for excited electrons singly produced in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS experiment at the LHC. <i>European Physical Journal C</i> , 2019, 79, .	1.4	4
12	W Boson Pair in Association with Two Jets in pp Collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	2.9	53
13	Evidence for the production of three massive vector bosons with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 798, 134913. Observation of electroweak WAZ boson pair production in association with two jets in pp collisions	1.5	10
14	Observation of electroweak WAZ boson pair production in association with two jets 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> , 2019, 793, 469-492.	1.5	38
15	Measurements of multi vector boson production processes at the LHC. <i>Progress in Particle and Nuclear Physics</i> , 2019, 108, 103708.	5.6	1
16	Search for single production of vector-like quarks decaying into Wb in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	27
17	Search for top-quark decays $t \rightarrow Hq$ with 36 fb $^{-1}$ of pp collision data at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	19
18	Performance of top-quark and W -boson tagging with ATLAS in Run 2 of the LHC. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	42

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19	Measurements of inclusive and differential fiducial cross-sections of γ production in leptonic final states at $\sqrt{s}=13$ -ext {TeV} in ATLAS. European Physical Journal C, 2019, 79, 1.	1.4	14
20	Measurement of top quark production in the single-lepton and opposite-sign dilepton final states in $\sqrt{s}=13$ TeV collisions at ATLAS. Physical Review D, 2019, 99, 1.	1.6	13
22	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
23	Measurement of fiducial and differential W^+W^- production cross-sections at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	24
24	Measurement of $W^{\pm}p$ boson production in Pb+Pb collisions at $\sqrt{s_{NN}}=5.02$ -ext {TeV}ext {V} with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	17
25	Search for electroweak diboson production in association with a high-mass dimuon system in semileptonic final states in $\sqrt{s}=13$ TeV collisions at ATLAS. Physical Review D, 2019, 99, 1.	1.6	15
26	Search for a heavy charged boson in events with a charged lepton and missing transverse momentum from $\sqrt{s}=13$ TeV collisions at ATLAS. Physical Review D, 2019, 100, 1.	1.6	43
27	Measurements of top quark pair differential and double-differential cross-sections in the $W^{\pm}+jets$ channel with pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	34
28	Combined measurements of Higgs boson production and decay using up to $\sqrt{s}=13$ TeV of proton-proton collision data at ATLAS. Physical Review Letters, 2020, 124, 1.	2.4	241
29	Search for a heavy charged boson in events with a charged lepton and missing transverse momentum from $\sqrt{s}=13$ TeV collisions at ATLAS. Physical Review D, 2019, 100, 1.	1.5	13
30	Search for the Higgs boson decays $H \rightarrow e^+e^-$ and $H \rightarrow \mu^+\mu^-$ in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135148.	1.5	31
31	Searches for lepton-flavour-violating decays of the Higgs boson in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135069.	1.5	30
32	Search for flavour-changing neutral currents in processes with one top quark and a photon using 81 fb $^{-1}$ of pp collisions at $\sqrt{s}=13$ TeV with the ATLAS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135082.	1.5	10
33	Measurements of inclusive and differential cross-sections of combined γ and tW production in the $e\mu$ channel at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	3
34	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
35	Measurement of the $t\bar{t}W$ production cross-section in the lepton+jets channel at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review D, 2020, 101, 1.	1.5	12
36	Performance of the ATLAS muon triggers in Run 2. Journal of Instrumentation, 2020, 15, P09015-P09015.	0.5	62
37	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

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38	<p>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.</p> <p>Searches for electroweak production of supersymmetric particles with compressed mass spectra in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.</p>	2.9	40
39	<p>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.</p>	1.6	11
40	<p>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.</p>	1.6	12
41	<p>Search for direct stau production in events with two hadronic leptons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Physical Review D, 2020, 101, .</p>	1.6	80
42	<p>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.</p>	1.6	33
43	<p>Demystifying freeze-in dark matter at the LHC. Physical Review D, 2020, 101, .</p>	1.6	7
44	<p>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.</p>	1.6	4
45	<p>Measurements of top-quark pair spin correlations in the e^+e^- channel at $\sqrt{s} = 13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.</p>	1.4	22
46	<p>Recent observation and measurements of diboson processes from the ATLAS experiment. Modern Physics Letters A, 2020, 35, 2030013.</p>	0.5	2
47	<p>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.</p>	1.6	12
48	<p>Higgs boson production cross-section measurements and their EFT interpretation in the e^+e^- decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.</p>	1.4	41
49	<p>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.</p>	1.6	36
50	<p>Search for chargino-neutralino production with mass splittings near the electroweak scale in three-lepton final states in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.</p>	1.6	28
51	<p>Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fb⁻¹ of data collected with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.</p>	1.5	22
52	<p>Search for Lepton-Flavor-Violating Decays of Bosons With the ATLAS Detector. Frontiers in Physics, 2020, 8, .</p>	1.0	4
53	<p>Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fb⁻¹ of data collected with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.</p>	1.6	19
54	<p>A search for the dimuon decay of the Standard Model Higgs boson with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 135980.</p>	1.5	61
55	<p>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.</p>	1.6	37

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56	Measurements of WH and ZH production in the $H \rightarrow b\bar{b}$ decay channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	38
57	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
58	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
59	Search for dark matter produced in association with a dark Higgs boson decaying into WZ or ZZ in Fully Hadronic Final States. Physical Review Letters, 2021, 125, 10.	2.9	6
60	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
61	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
62	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
63	Search for heavy resonances decaying into a pair of Z bosons in the $e^+e^- \rightarrow e^+e^- Z Z$ and $e^+e^- \rightarrow e^+e^- \gamma Z$ final states using 139 fb ⁻¹ of proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	40
64	Vector-Boson scattering at the LHC: Unraveling the electroweak sector. International Journal of Modern Physics A, 2021, 36, 2130009.	0.5	22
65	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
66	Measurement of the associated production of a Higgs boson decaying into b-quarks with a vector boson at high transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2021, 103, 11.	1.5	17
67	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $e^+e^- \rightarrow e^+e^- WW$ final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	26
68	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
69	Search for dark matter produced in association with an energetic jet and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2021, 103, 11.	1.6	64
70	Search for trilepton resonances from chargino and neutralino pair production in $s = 13$ TeV pp collisions with the ATLAS detector. Physical Review D, 2021, 103, 11.	1.6	2
71	Measurements of $W+W+\gamma$ + 1 jet production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8
72	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
73	Vector bosons and jets in proton collisions. Reviews of Modern Physics, 2021, 93, 011001.	16.4	5

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74	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a \bar{l}_τ -lepton in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	27
75	Search for charged-lepton-flavour violation in Z-boson decays with the ATLAS detector. Nature Physics, 2021, 17, 819-825.	6.5	8
76	Search for supersymmetry in events with four or more charged leptons in 139 fb^{-1} of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	12
77	Performance of the ATLAS RPC detector and Level-1 muon barrel trigger at $\sqrt{s} = 13$ TeV. Journal of Instrumentation, 2021, 16, P07029.	0.5	6
78	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
79	Search for low-mass leptoquarks using the $llq\bar{q}$ final states in Pb-Pb ultra-peripheral collisions. Journal of High Energy Physics, 2021, 2021, 1.	1.6	0
80	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
81	Probing the triple Higgs boson coupling with machine learning at the LHC. Physical Review D, 2021, 104, .	1.6	10
82	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
83	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
84	Reconstruction and identification of boosted $di\bar{l}_\tau$ 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.	1.6	8
85	Central exclusive production of W boson pairs in pp collisions at the LHC in hadronic and semi-leptonic final states. Journal of High Energy Physics, 2020, 2020, 1.	1.6	5
86	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
87	Evidence for $t\bar{t}$ production in the multilepton final state in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	30
88	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
89	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
90	Extended Scalar Sectors. Annual Review of Nuclear and Particle Science, 2020, 70, 197-223.	3.5	6
91	The q_T and \hat{n}_T spectra in W and Z production at the LHC at N ³ LL+N ² LO. Journal of High Energy Physics, 2021, 2021, 1.	1.6	17

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92	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
93	Physics Objects Reconstruction with the ATLAS Detector. Springer Theses, 2019, , 93-113.	0.0	0
94	Data Acquisition and Reconstruction. Springer Theses, 2020, , 61-95.	0.0	0
95	LHC and the ATLAS Detector. Springer Theses, 2020, , 35-53.	0.0	0
96	Search for Wino-Bino Production Using the Emulated Recursive Jigsaw Reconstruction Technique with Run 2 Data. Springer Theses, 2020, , 205-255.	0.0	0
97	Revisiting the minimal universal extra dimensions with mass-dimension-five operators. Europhysics Letters, 2020, 132, 61001.	0.7	0
98	Searches for new phenomena in final states involving leptons and jets using the ATLAS detector. International Journal of Modern Physics A, 2020, 35, 2044004.	0.5	0
99	A self-calibrating, double-ratio method to test tau lepton universality in W boson decays at the LHC. European Physical Journal C, 2020, 80, 1.	1.4	0
100	Search for heavy resonances decaying into a pair of Z bosons using 139 fb ⁻¹ of p-p collisions at s = 13 TeV with the ATLAS detector. International Journal of Modern Physics A, 0, , .	0.5	0
101	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
102	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. Search for new phenomena in final states containing leptons and many jets with the ATLAS experiment using $\sqrt{s} = 13$ TeV proton-proton collision data	1.6	10
106	$\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}\text{ altimg}=\text{"si1.svg"}\text{ }<\text{mml:msqrt}>\text{ }<\text{mml:mrow}>\text{ }<\text{mml:mi}>\text{s}</\text{mml:mi}>\text{ }</\text{mml:mrow}>\text{ }<\text{mml:msqrt}>\text{ }<\text{mml:mo linebreak}=\text{"goodbreak"}\text{ linebreakstyle}=\text{"after"}>=\text{ }</\text{mml:mo}>\text{ }<\text{mml:mn}>13</\text{mml:mn}>\text{ }</\text{mml:math}>$ TeV with the ATLAS detector. Physics Letters. Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136832.	1.5	7
107	Emulating the impact of additional proton-proton interactions in the ATLAS simulation by presampling sets of inelastic Monte Carlo events. Computing and Software for Big Science, 2022, 6, 1.	1.3	5
108	Status of searches for electroweak-scale supersymmetry after LHC Run 2. International Journal of Modern Physics A, 2022, 37, .	0.5	8
109	Application of the matrix element method to Higgs boson pair production in the channel $HH \rightarrow b\bar{b}, WW^*$ at the LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1028, 166373.	0.7	0
110	Measurement of the c-jet mistagging efficiency in $t\bar{t}$ events using pp collision data at $\sqrt{s}=13$ TeV collected with the ATLAS detector. European Physical Journal C, 2022, Search for Higgs boson decays into a pair of pseudoscalar particles in the $b\bar{b}$ final state with the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, 1.	1.4	14
111	$\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}\text{ display}=\text{"inline"}>\text{ }<\text{mml:mi}>\text{b}</\text{mml:mi}>\text{ }<\text{mml:mi}>\text{b}</\text{mml:mi}>\text{ }<\text{mml:mi}>\sqrt{4}</\text{mml:mi}>\text{ }<\text{mml:mi}>\sqrt{4}</\text{mml:mi}>\text{ }</\text{mml:math}>$ final state with the ATLAS detector in pp collisions $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}\text{ display}=\text{"inline"}>\text{ }<\text{mml:mi}>\text{p}</\text{mml:mi}>\text{ }<\text{mml:mi}>\text{p}</\text{mml:mi}>\text{ }</\text{mml:math}>$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, 1.	1.6	17
112	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

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113	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
114	A template method to measure the τ polarisation. European Physical Journal C, 2022, 82, 1.	1.4	3
115	Performance of Missing Transverse Momentum. Springer Theses, 2022, , 91-103.	0.0	0
116	AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	1.3	23
117	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
118	Search for dark matter produced in association with an invisibly decaying Higgs boson or dark matter candidates at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters. Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 89, 137066	1.5	8
119	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
120	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
121	Search for Lepton-Flavor Violation in Z -Boson Decays with τ Leptons with the ATLAS Detector. Physical Review Letters, 2021, 127, 271801	2.9	8
122	Search for new phenomena in $p\bar{p}$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review Letters, 2021, 127, 271801	1.6	25
123	Search for new phenomena in $p\bar{p}$ collisions in final states with tau leptons, b-jets, and missing transverse momentum with the ATLAS detector. Physical Review D, 2021, 104, .	1.6	14
124	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
125	Monte Carlo Study of Associated Higgs Boson Production with a Single Top Quark. Physics of Atomic Nuclei, 2022, 85, 167-175.	0.1	1
126	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
128	Measurements of differential cross-sections in top-quark pair events with a high transverse momentum top quark and limits on beyond the Standard Model contributions to top-quark pair production with the ATLAS detector at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, .	1.6	2
129	Measurement of Higgs boson decay into b-quarks in associated production with a top-quark pair in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2022, .	1.6	8
130	Search for long-lived charginos based on a disappearing-track signature using 136 fb $^{-1}$ of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, .	1.4	13
131	A detailed map of Higgs boson interactions by the ATLAS experiment ten years after the discovery. Nature, 2022, 607, 52-59.	13.7	119

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132	Search for invisible Higgs-boson decays in events with vector-boson fusion signatures using 139 fb ⁻¹ of proton-proton data recorded by the ATLAS experiment. Journal of High Energy Physics, 2022, 2022, .	1.6	27
133	Observation of $W^+W^-W^+$ Production in pp Collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, .	2.9	10
134	Measurements of Higgs boson production cross-sections in the $H \rightarrow \tau^+\tau^-$ decay channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, .	1.6	12
135	Measurements of the Higgs boson inclusive and differential fiducial cross-sections in the diphoton decay channel with pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, .	1.6	8
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