RESEARCH & PUBLICATIONS

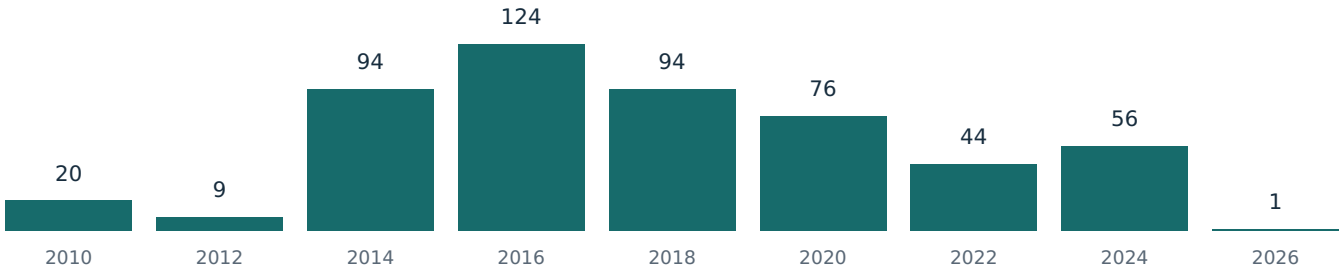
James R. Catmore

A publication record at a glance

518	32,340	90
ARTICLES	CITATIONS	h-INDEX

PUBLICATION ACTIVITY

Articles grouped into 2-year periods



MOST CITED IN THIS LIST

The ATLAS Simulation Infrastructure — 1,521
2010 European Physical Journal C

Performance of the ATLAS Trigger System in 2015 — 788
2017 European Physical Journal C

Muon Reconstruction Performance of the ATLAS Detector in Proton–Proton Collision Data at √s s =13 TeV — 593
2016 European Physical Journal C

This publication list was generated automatically from the exaly database without manual editing. It reflects the database records available when the document was created.

For the latest record and an updated publication list, visit the author profile:

https://exaly.com/author/9592252

Document version: 2026-11-09 (UTC) | Database snapshot: 2026-11-08

Ordered by publication year, newest first

2026

01 Measurement of the Top-Quark Yukawa Coupling From $t\bar{t}$ Production in the Lepton+Jets Final State Using Pp Collisions at √s=13 TeV With the ATLAS Detector — 1 citations

Journal of High Energy Physics · 2026, 117

https://exaly.com/article/209796077

2025

02 Total Cost of Ownership and Evaluation of Google Cloud Resources for the ATLAS Experiment at the LHC — 5 citations

Computing and Software for Big Science · 9, 1-35

https://exaly.com/article/197148996

03 Combination of Searches for Singly Produced Vectorlike Top Quarks in Pp Collisions at √(s)=13 TeV With the ATLAS Detector — 7 citations

Physical Review D · 111, 012012

https://exaly.com/article/197214058

04 Search for Magnetic Monopole Pair Production in Ultraperipheral Pb+Pb Collisions at √(s_(NN))=5.36 TeV With the ATLAS Detector at the LHC — 14 citations

Physical Review Letters · 134, 061803

https://exaly.com/article/197783653

05 Search for Triple Higgs Boson Production in the 6b Final State Using Pp Collisions at √(s)=13 TeV With the ATLAS Detector — 22 citations

Physical Review D · 111, 032006

https://exaly.com/article/198442375

06 Measurement of Photonuclear Jet Production in Ultraperipheral Pb+Pb Collisions at √(s_(NN))=5.02 TeV With the ATLAS Detector — 18 citations

Physical Review D · 111, 052006

https://exaly.com/article/199031755

07 Search for Dark Matter Produced in Association With a Dark Higgs Boson in the $B\bar{b}$ Final State Using Pp Collisions at √(s)=13 TeV With the ATLAS Detector — 5 citations

Physical Review Letters · 134, 121801

https://exaly.com/article/199269097

08 Observation of $t\bar{t}$ Production in Pb+Pb Collisions at √(s_(NN))=5.02 TeV With the ATLAS Detector — 6 citations

Physical Review Letters · 134, 142301

https://exaly.com/article/199590716

Ordered by publication year, newest first

2025 / continued

09 Search for the Jet-Induced Diffusion Wake in the Quark-Gluon Plasma via Measurements of Jet-Track Correlations in Photon-Jet Events in Pb+Pb Collisions at √(s_(NN))=5.02 TeV With the ATLAS Detector
Physical Review C · 111, 044909
https://exaly.com/article/200134407
11 citations

10 Test of Lepton Flavour Universality in W-Boson Decays Into Electrons and τ-Leptons Using Pp Collisions at √s = 13 TeV With the ATLAS Detector
Journal of High Energy Physics · 2025, 38
https://exaly.com/article/200892697
1 citations

11 Search for Cascade Decays of Charged Sleptons and Sneutrinos in Final States With Three Leptons and Missing Transverse Momentum in Pp Collisions at √(s)=13 TeV With the ATLAS Detector
Physical Review D · 112, 012005
https://exaly.com/article/200929641
2 citations

12 Search for Vector-Like Leptons Coupling to First- and Second-Generation Standard Model Leptons in Pp Collisions at √s = 13 TeV With the ATLAS Detector
Journal of High Energy Physics · 2025, 75
https://exaly.com/article/201045326
6 citations

13 Search for Displaced Leptons in √(s)=13 TeV and 13.6 TeV Pp Collisions With the ATLAS Detector
Physical Review D · 112, 012016
https://exaly.com/article/201108903
7 citations

14 The Performance of Missing Transverse Momentum Reconstruction and Its Significance With the ATLAS Detector Using 140 \hbox (Fb)$^{-1}$ of √s=13 TeV Pp Collisions
European Physical Journal C · 85, 606
https://exaly.com/article/201520947
51 citations

15 Search for New Physics in Final States With Semivisible Jets or Anomalous Signatures Using the ATLAS Detector
Physical Review D · 112, 012021
https://exaly.com/article/202158313
15 citations

16 Cross-Section Measurements for the Production of a W -Boson in Association With High-Transverse-Momentum Jets in Pp Collisions at √s = 13 TeV With the ATLAS Detector
European Physical Journal C · 85, 738
https://exaly.com/article/202695042
0 citations

Ordered by publication year, newest first

2025 / continued

17 Differential Cross-Section Measurements of D± and $(D)_s$^(±) Meson Production in Proton-Proton Collisions at √s = 13 TeV With the ATLAS Detector
1 citations
Journal of High Energy Physics · 2025, 86
https://exaly.com/article/202771092

18 Measurement of Double-Differential Charged-Current Drell-Yan Cross-Sections at High Transverse Masses in Pp Collisions at √s = 13 TeV With the ATLAS Detector
3 citations
Journal of High Energy Physics · 2025, 26
https://exaly.com/article/202825123

19 Evidence for Longitudinally Polarized W Bosons in the Electroweak Production of Same-Sign W Boson Pairs in Association With Two Jets in Pp Collisions at √(s)=13 TeV With the ATLAS Detector
13 citations
Physical Review Letters · 135, 111802
https://exaly.com/article/202933534

20 Search for Long-Lived Charged Particles Using Large Specific Ionisation Loss and Time of Flight in 140 Fb−1 of Pp Collisions at √s = 13 TeV With the ATLAS Detector
6 citations
Journal of High Energy Physics · 2025, 140
https://exaly.com/article/202987272

21 Azimuthal Anisotropies of Charged Particles With High Transverse Momentum in Pb+Pb Collisions at √(s_(NN))=5.02 TeV With the ATLAS Detector
4 citations
Physical Review C · 112, 024910
https://exaly.com/article/203017503

22 Search for Heavy Neutral Leptons in Decays of W Bosons Using Leptonic and Semi-Leptonic Displaced Vertices in √s = 13 TeV Pp Collisions With the ATLAS Detector
10 citations
Journal of High Energy Physics · 2025, 1-53
https://exaly.com/article/203165817

23 Measurements of the Production Cross-Sections of a Higgs Boson in Association With a Vector Boson and Decaying Into WW* With the ATLAS Detector at √s = 13 TeV
1 citations
Journal of High Energy Physics · 2025, 34
https://exaly.com/article/203780828

24 Searches for Direct Slepton Production in the Compressed-Mass Corridor in √s = 13 TeV Pp Collisions With the ATLAS Detector
3 citations
Journal of High Energy Physics · 2025, 53
https://exaly.com/article/203945695

Ordered by publication year, newest first

2025 / continued

25 Search for Charged Higgs Bosons Produced in Top-Quark Decays or in Association With Top Quarks and Decaying via H^(±)→τ^(±)ν_(τ) in 13 TeV Pp Collisions With the ATLAS Detector
16 citations
Physical Review D · 111, 072006
https://exaly.com/article/204416920

26 Measurements of W+W− Production Cross-Sections in Pp Collisions at √s=13 TeV With the ATLAS Detector
3 citations
Journal of High Energy Physics · 2025, 142
https://exaly.com/article/204535551

27 A Search for Dark Matter Produced in Association With a Dark Higgs Boson Decaying Into a Higgs Boson Pair in 3b or 4b Final States Using Pp Collisions at √s=13 TeV With the ATLAS Detector
1 citations
Journal of High Energy Physics · 2025, 1-49
https://exaly.com/article/204884228

28 Weakly Supervised Anomaly Detection for Resonant New Physics in the Dijet Final State Using Proton-Proton Collisions at √(s)=13 TeV With the ATLAS Detector
8 citations
Physical Review D · 112, 072009
https://exaly.com/article/204968342

29 A Measurement of the High-Mass τ τ̄ Production Cross-Section at √s=13 TeV With the ATLAS Detector and Constraints on New Particles and Couplings
5 citations
Journal of High Energy Physics · 2025, 54
https://exaly.com/article/205777052

30 Search for Decays of the Higgs Boson Into Scalar Particles Decaying Into Four or Six b Quarks Using Pp Collisions at √(s)=13 TeV With the ATLAS Detector
2 citations
Physical Review D · 112, 072005
https://exaly.com/article/205804580

31 Probing the Higgs Boson CP Properties in Vector-Boson Fusion Production in the H → τ+τ− Channel With the ATLAS Detector
2 citations
Journal of High Energy Physics · 2025, 92
https://exaly.com/article/205893027

32 Search for the Production of a Higgs Boson in Association With a Single Top Quark in Pp Collisions at √s=13 TeV With the ATLAS Detector
3 citations
Journal of High Energy Physics · 2025, 93
https://exaly.com/article/206438139

Ordered by publication year, newest first

2025 / continued

33 Search for Events With One Displaced Vertex From Long-Lived Neutral Particles Decaying Into Hadronic Jets in the ATLAS Muon Spectrometer in Pp Collisions at √(s)=13 TeV
9 citations
Physical Review D · 112, 092001
https://exaly.com/article/206477775

34 Search for Electroweak-Scale Dijet Resonances Using Trigger-Level Analysis With the ATLAS Detector in 132 Fb^(−1) of Pp Collisions at √(s)=13 TeV
6 citations
Physical Review D · 112, 092015
https://exaly.com/article/206487834

35 Measurements and Interpretations of W±Z Production Cross-Sections in Pp Collisions at √s=13 TeV With the ATLAS Detector
1 citations
Journal of High Energy Physics · 2025, 6
https://exaly.com/article/206869914

36 Evidence for the Dimuon Decay of the Higgs Boson in Pp Collisions With the ATLAS Detector
8 citations
Physical Review Letters · 135, 231802
https://exaly.com/article/207704917

37 Measurement of the Top-Quark Pole Mass in Dileptonic $t\bar{t}$ + 1-Jet Events at √s=13 TeV With the ATLAS Experiment
2 citations
Journal of High Energy Physics · 2025, 23
https://exaly.com/article/208140610

38 Search for Single Production of Vector-Like Quarks Decaying Into W(ℓν)b in Pp Collisions at √s=13 TeV With the ATLAS Detector
0 citations
Journal of High Energy Physics · 2025, 12
https://exaly.com/article/208650369

39 Search for Resonant Leptoquark Production via Lepton-Jet Signatures in Pp Collisions at √s=13 TeV and √s=13.6 TeV With the ATLAS Detector
2 citations
Journal of High Energy Physics · 2025, 180
https://exaly.com/article/208879578

2024

40 Measurement of the H → γ γ and H → ZZ^(*) → 4 ℓ Cross-Sections in Pp Collisions at √s=13.6 TeV With the ATLAS Detector
17 citations
European Physical Journal C · 84, 1-34
https://exaly.com/article/175592249

Ordered by publication year, newest first

2024 / continued

41 Measurement of the Production Cross-Section of J/ψ and ψ (2S) Mesons in Pp Collisions at √s = 13 TeV With the ATLAS Detector
13 citations
European Physical Journal C · 84, 1-30
https://exaly.com/article/176449961

42 A Precise Measurement of the Z-Boson Double-Differential Transverse Momentum and Rapidity Distributions in the Full Phase Space of the Decay Leptons With the ATLAS Experiment at √s=8 TeV
21 citations
European Physical Journal C · 84, 1-41
https://exaly.com/article/177259158

43 Software Performance of the ATLAS Track Reconstruction for LHC Run 3
23 citations
Computing and Software for Big Science · 8, 1-32
https://exaly.com/article/177850666

44 Performance of the ATLAS Forward Proton Time-of-Flight Detector in Run 2
1 citations
Journal of Instrumentation · 19, P05054
https://exaly.com/article/185407333

45 Beam-Induced Backgrounds Measured in the ATLAS Detector During Local Gas Injection Into the LHC Beam Vacuum
2 citations
Journal of Instrumentation · 19, P06014
https://exaly.com/article/186103970

46 Search for Short- and Long-Lived Axion-Like Particles in H→ a a → 4γ Decays With the ATLAS Experiment at the LHC
24 citations
European Physical Journal C · 84, 1-31
https://exaly.com/article/187692091

47 Search for Flavour-Changing Neutral-Current Couplings Between the Top Quark and the Higgs Boson in Multi-Lepton Final States in 13 TeV Pp Collisions With the ATLAS Detector
15 citations
European Physical Journal C · 84, 1-42
https://exaly.com/article/187739058

48 Search for Leptoquark Pair Production Decaying Into $Te^{-}\bar{T}e^{+}$ or $T\mu^{-}\bar{T}\mu^{+}$ in Multi-Lepton Final States in Pp Collisions at √s = 13TeV With the ATLAS Detector
9 citations
European Physical Journal C · 84, 1-40
https://exaly.com/article/188294250

49 Measurements of the Production Cross-Section for a Z Boson in Association With b- or c-Jets in Proton–Proton Collisions at √s = 13 TeV With the ATLAS Detector
15 citations
European Physical Journal C · 84, 1-40
https://exaly.com/article/193232115

Ordered by publication year, newest first

2024 / continued

50 Precise Test of Lepton Flavour Universality in \varvec{W} -Boson Decays Into Muons and Electrons in \varvec{Pp} Collisions at \varvec{\sqrt{s}}=13Te\hspace{-1.00006pt}V With the ATLAS Detector
European Physical Journal C · 84, 1-33
https://exaly.com/article/193345260
7 citations

51 Constraints on Simplified Dark Matter Models Involving an s-Channel Mediator With the ATLAS Detector in Pp Collisions at √s = 13 TeV
European Physical Journal C · 84, 1-37
https://exaly.com/article/194034035
19 citations

52 Precise Measurements of W- and Z-Boson Transverse Momentum Spectra With the ATLAS Detector Using Pp Collisions at √s = 5.02 TeV and 13 TeV
European Physical Journal C · 84, 1-60
https://exaly.com/article/194382361
17 citations

53 Search for R-Parity Violating Supersymmetric Decays of the Top Squark to a b-Jet and a Lepton in √(s)=13 TeV Pp Collisions With the ATLAS Detector
Physical Review D · 110, 092004
https://exaly.com/article/194567659
5 citations

54 Search for Heavy Right-Handed Majorana Neutrinos in the Decay of Top Quarks Produced in Proton-Proton Collisions at √(s)=13 TeV With the ATLAS Detector
Physical Review D · 110, 112004
https://exaly.com/article/195209001
8 citations

55 Disentangling Sources of Momentum Fluctuations in Xe+Xe and Pb+Pb Collisions With the ATLAS Detector
Physical Review Letters · 133, 252301
https://exaly.com/article/195736123
27 citations

56 Simultaneous Unbinned Differential Cross-Section Measurement of Twenty-Four Z+Jets Kinematic Observables With the ATLAS Detector
Physical Review Letters · 133, 261803
https://exaly.com/article/196217663
23 citations

57 Jet Radius Dependence of Dijet Momentum Balance and Suppression in Pb+Pb Collisions at 5.02 TeV With the ATLAS Detector
Physical Review C · 110, 054912
https://exaly.com/article/198713163
9 citations

Ordered by publication year, newest first

2023

58 Measurement of the Nuclear Modification Factor of b-Jets in 5.02 TeV Pb+Pb Collisions With the ATLAS Detector
21 citations
European Physical Journal C · 83, 1-32
https://exaly.com/article/163369101

59 Observation of Four-Top-Quark Production in the Multilepton Final State With the ATLAS Detector
90 citations
European Physical Journal C · 83, 1-35
https://exaly.com/article/163807395

60 Constraints on Spin-0 Dark Matter Mediators and Invisible Higgs Decays Using ATLAS 13 TeV Pp Collision Data With Two Top Quarks and Missing Transverse Momentum in the Final State
23 citations
European Physical Journal C · 83, 1-35
https://exaly.com/article/163832680

61 Searches for New Phenomena in Events With Two Leptons, Jets, and Missing Transverse Momentum in 139 Fb $^{-1}$ of \varvec{\sqrt{s}}=13 TeV \varvec{Pp} Collisions With the ATLAS Detector
56 citations
European Physical Journal C · 83, 1-52
https://exaly.com/article/163999304

62 Measurements of Observables Sensitive to Colour Reconnection in $t\bar{t}$ Events With the ATLAS Detector at $\sqrt{s}$ = 13 TeV
7 citations
European Physical Journal C · 83, 1-52
https://exaly.com/article/164032451

63 Search for Higgs Boson Pair Production in Association With a Vector Boson in Pp Collisions at √s=13TeV With the ATLAS Detector
20 citations
European Physical Journal C · 83, 1-41
https://exaly.com/article/164043382

64 Measurement of the Total Cross Section and ρ -Parameter From Elastic Scattering in Pp Collisions at √s=13 TeV With the ATLAS Detector
42 citations
European Physical Journal C · 83, 1-49
https://exaly.com/article/164618274

65 Measurement of Zγ γ Production in Pp Collisions at √s= 13 TeV With the ATLAS Detector
18 citations
European Physical Journal C · 83, 1-30
https://exaly.com/article/164733734

Ordered by publication year, newest first

2023 / continued

66 Measurement of the CP Properties of Higgs Boson Interactions With τ -Leptons With the ATLAS Detector — 39 citations
European Physical Journal C · 83, 1-30
https://exaly.com/article/164863786

67 Search for Supersymmetry in Final States With Missing Transverse Momentum and Three or More b-Jets in 139 Fb $^{-1}$ of Proton–Proton Collisions at √s = 13 TeV With the ATLAS Detector — 36 citations
European Physical Journal C · 83, 1-41
https://exaly.com/article/164870781

68 Search for Doubly Charged Higgs Boson Production in Multi-Lepton Final States Using 139 Fb $^{-1}$ of Proton–Proton Collisions at √s = 13 TeV With the ATLAS Detector — 55 citations
European Physical Journal C · 83, 1-32
https://exaly.com/article/165111227

69 Search for Dark Matter Produced in Association With a Single Top Quark and an Energetic W Boson in √s= 13 TeV Pp Collisions With the ATLAS Detector — 13 citations
European Physical Journal C · 83, 1-38
https://exaly.com/article/165116633

70 Measurement of Exclusive Pion Pair Production in Proton–Proton Collisions at √s=7TeV With the ATLAS Detector — 4 citations
European Physical Journal C · 83, 1-28
https://exaly.com/article/165250779

71 Search for Resonant WZ Production in the Fully Leptonic Final State in Proton–Proton Collisions at √s = 13 TeV With the ATLAS Detector — 21 citations
European Physical Journal C · 83, 1-34
https://exaly.com/article/165381971

72 Studies of the Muon Momentum Calibration and Performance of the ATLAS Detector With Pp Collisions at √s=13 TeV — 82 citations
European Physical Journal C · 83, 1-37
https://exaly.com/article/166966888

73 New Techniques for Jet Calibration With the ATLAS Detector — 15 citations
European Physical Journal C · 83, 1-41
https://exaly.com/article/167349248

74 Measurements of W^+W^- Production in Decay Topologies Inspired by Searches for Electroweak Supersymmetry — 4 citations
European Physical Journal C · 83, 1-29
https://exaly.com/article/168180543

Ordered by publication year, newest first

2023 / continued

75 Search for Pair-Produced Vector-Like Top and Bottom Partners in Events With Large Missing Transverse Momentum in Pp Collisions With the ATLAS Detector
42 citations
European Physical Journal C · 83, 1-31
https://exaly.com/article/168188691

76 Searches for Exclusive Higgs and Z Boson Decays Into a Vector Quarkonium State and a Photon Using 139 Fb $^{-1}$ of ATLAS √s=13 TeV Proton–Proton Collision Data
19 citations
European Physical Journal C · 83, 1-33
https://exaly.com/article/168209475

77 Search for Majorana Neutrinos in Same-Sign WW Scattering Events From Pp Collisions at √s=13 TeV
23 citations
European Physical Journal C · 83, 1-26
https://exaly.com/article/168453316

78 Calibration of the Light-Flavour Jet Mistagging Efficiency of the b-Tagging Algorithms With Z+Jets Events Using 139 (Fb)$^{-1}$ of ATLAS Proton–Proton Collision Data at √s = 13 TeV
97 citations
European Physical Journal C · 83, 1-30
https://exaly.com/article/169421273

79 Measurements of Differential Cross Sections of Higgs Boson Production Through Gluon Fusion in the H→ WW^(*)→ Eν μ ν Final State at √s = 13 TeV With the ATLAS Detector
11 citations
European Physical Journal C · 83, 1-40
https://exaly.com/article/169538242

80 Search for Pair Production of Third-Generation Leptoquarks Decaying Into a Bottom Quark and a τ -Lepton With the ATLAS Detector
27 citations
European Physical Journal C · 83, 1-35
https://exaly.com/article/172917361

81 Performance of the Reconstruction of Large Impact Parameter Tracks in the Inner Detector of ATLAS
24 citations
European Physical Journal C · 83, 1-32
https://exaly.com/article/172978344

82 Search for Heavy Majorana or Dirac Neutrinos and Right-Handed W Gauge Bosons in Final States With Charged Leptons and Jets in Pp Collisions at √s=13 TeV With the ATLAS Detector
36 citations
European Physical Journal C · 83, 1-35
https://exaly.com/article/174088556

Ordered by publication year, newest first

2023 / continued

83 Luminosity Determination in Pp Collisions at √s=13 TeV Using the ATLAS Detector at the LHC
221 citations
European Physical Journal C · 83, 1-67
https://exaly.com/article/174924680

84 Tools for Estimating Fake/Non-Prompt Lepton Backgrounds With the ATLAS Detector at the LHC
22 citations
Journal of Instrumentation · 18, T11004
https://exaly.com/article/174932399

2022

85 Emulating the Impact of Additional Proton–Proton Interactions in the ATLAS Simulation by Presampling Sets of Inelastic Monte Carlo Events
22 citations
Computing and Software for Big Science · 6, 1-35
https://exaly.com/article/124984219

86 Performance of the ATLAS Level-1 Topological Trigger in Run 2
24 citations
European Physical Journal C · 82, 1-26
https://exaly.com/article/125123020

87 Measurement of the c-Jet Mistagging Efficiency in $t\bar{t}$ Events Using Pp Collision Data at √s=13 TeV Collected With the ATLAS Detector
122 citations
European Physical Journal C · 82, 1-27
https://exaly.com/article/125173388

88 Search for Exotic Decays of the Higgs Boson Into b $\bar{b}$ and Missing Transverse Momentum in Pp Collisions at √s = 13 TeV With the ATLAS Detector
2 citations
Journal of High Energy Physics · 2022, 1-38
https://exaly.com/article/125210980

89 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 13 TeV With the ATLAS Detector
27 citations
European Physical Journal C · 82, 1-41
https://exaly.com/article/125468544

90 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 √s = 13 TeV
18 citations
Journal of High Energy Physics · 2022, 1-64
https://exaly.com/article/134557617

Ordered by publication year, newest first

2022 / continued

91 AtlFast3: The Next Generation of Fast Simulation in ATLAS — 92 citations
Computing and Software for Big Science · 6, 1-54
https://exaly.com/article/134567342

92 Measurement of the Energy Response of the ATLAS Calorimeter to Charged Pions From W^(±)→ τ ^(±)(→ π ^(±)ν _(τ))ν _(τ) Events in Run 2 Data — 11 citations
European Physical Journal C · 82, 1-31
https://exaly.com/article/134672536

93 The ATLAS Inner Detector Trigger Performance in Pp Collisions at 13 TeV During LHC Run 2 — 48 citations
European Physical Journal C · 82, 1-57
https://exaly.com/article/134799436

94 Search for Flavour-Changing Neutral-Current Interactions of a Top Quark and a Gluon in Pp Collisions at √s=13 TeV With the ATLAS Detector — 24 citations
European Physical Journal C · 82, 1-35
https://exaly.com/article/135983496

95 Measurement of the Energy Asymmetry in Tt̄j Production at 13 TeV With the ATLAS Experiment and Interpretation in the SMEFT Framework — 15 citations
European Physical Journal C · 82, 1-36
https://exaly.com/article/145148037

96 Determination of the Parton Distribution Functions of the Proton Using Diverse ATLAS Data From Pp Collisions at √s = 7 , 8 and 13 TeV — 62 citations
European Physical Journal C · 82, 1-70
https://exaly.com/article/145461802

97 Search for Long-Lived Charginos Based on a Disappearing-Track Signature Using 136 Fb $^{-1}$ of Pp Collisions at √s = 13 TeV With the ATLAS Detector — 90 citations
European Physical Journal C · 82, 1-34
https://exaly.com/article/149078286

98 Two-Particle Bose–Einstein Correlations in Pp Collisions at √s = 13 TeV Measured With the ATLAS Detector at the LHC — 8 citations
European Physical Journal C · 82, 1-38
https://exaly.com/article/149078557

99 Constraints on Higgs Boson Properties Using WW^(*)(→ Eν μ ν)Jj Production in 36.1(Fb)$^{-1}$ of √s=13 TeV Pp Collisions With the ATLAS Detector — 25 citations
European Physical Journal C · 82, 1-33
https://exaly.com/article/149497066

Ordered by publication year, newest first

2022 / continued

100 Direct Constraint on the Higgs–Charm Coupling From a Search for Higgs Boson Decays Into Charm Quarks With the ATLAS Detector — 57 citations
European Physical Journal C · 82, 1-42
https://exaly.com/article/150328366

101 Search for Type-III Seesaw Heavy Leptons in Leptonic Final States in Pp Collisions at √s = 13~TeV With the ATLAS Detector — 24 citations
European Physical Journal C · 82, 1-30
https://exaly.com/article/155975952

2021

102 Measurement of Hadronic Event Shapes in High-pT Multijet Final States at √s = 13 TeV With the ATLAS Detector — 11 citations
Journal of High Energy Physics · 2021, 1-44
https://exaly.com/article/78139414

103 Search for Squarks and Gluinos in Final States With Jets and Missing Transverse Momentum Using 139 Fb−1 of √s = 13 TeV Pp Collision Data With the ATLAS Detector — 85 citations
Journal of High Energy Physics · 2021, 1-64
https://exaly.com/article/79242318

104 Differential Cross-Section Measurements for the Electroweak Production of Dijets in Association With a Z Boson in Proton–Proton Collisions at ATLAS — 48 citations
European Physical Journal C · 81, 1-42
https://exaly.com/article/79243769

105 Measurements of WH and ZH Production in the H → Bb̄ Decay Channel in Pp Collisions at 13TeV With the ATLAS Detector — 138 citations
European Physical Journal C · 81, 1-41
https://exaly.com/article/79249286

106 Search for Dark Matter in Association With an Energetic Photon in Pp Collisions at √s = 13 TeV With the ATLAS Detector — 34 citations
Journal of High Energy Physics · 2021, 1-46
https://exaly.com/article/79254087

107 Search for Type-III Seesaw Heavy Leptons in Dilepton Final States in Pp Collisions at √s = 13TeV With the ATLAS Detector — 35 citations
European Physical Journal C · 81, 1-30
https://exaly.com/article/79470519

Ordered by publication year, newest first

2021 / continued

108 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
53 citations
Journal of High Energy Physics · 2021, 1-45
https://exaly.com/article/79609407

109 Search for Higgs Boson Production in Association With a High-Energy Photon via Vector-Boson Fusion With Decay Into Bottom Quark Pairs at √s = 13 TeV With the ATLAS Detector
11 citations
Journal of High Energy Physics · 2021, 1-37
https://exaly.com/article/79673417

110 Search for New Phenomena With Top Quark Pairs in Final States With One Lepton, Jets, and Missing Transverse Momentum in Pp Collisions at √s = 13 TeV With the ATLAS Detector
31 citations
Journal of High Energy Physics · 2021, 1-66
https://exaly.com/article/79851154

111 Search for New Phenomena in Events With Two Opposite-Charge Leptons, Jets and Missing Transverse Momentum in Pp Collisions at √s = 13 TeV With the ATLAS Detector
33 citations
Journal of High Energy Physics · 2021, 1-62
https://exaly.com/article/79916242

112 Search for Pair Production of Scalar Leptoquarks Decaying Into First- or Second-Generation Leptons and Top Quarks in Proton–Proton Collisions at √s = 13 TeV With the ATLAS Detector
47 citations
European Physical Journal C · 81, 1-30
https://exaly.com/article/79976835

113 Measurement of the CP-Violating Phase φ_s in $B_s^0 \to J/\psi\,\varphi$ Decays in ATLAS at 13 TeV
36 citations
European Physical Journal C · 81, 1-36
https://exaly.com/article/80096249

114 Optimisation of Large-Radius Jet Reconstruction for the ATLAS Detector in 13 TeV Proton–Proton Collisions
51 citations
European Physical Journal C · 81, 1-47
https://exaly.com/article/80102607

115 Search for Heavy Resonances Decaying Into a Pair of Z Bosons in the $\ell^+\ell^-\ell'^+\ell'^-$ and $\ell^+\ell^-\nu\,\mathrm{Bar}(\nu)$ Final States Using 139 $(\mathrm{Fb})^{-1}$ of Proton–Proton Collisions at √s = 13 TeV With the ATLAS Detector
120 citations
European Physical Journal C · 81, 1-39
https://exaly.com/article/80206604

Ordered by publication year, newest first

2021 / continued

116 Search for New Phenomena in Final States With b-Jets and Missing Transverse Momentum in √s = 13 TeV Pp Collisions With the ATLAS Detector
34 citations
Journal of High Energy Physics · 2021, 1-51
https://exaly.com/article/80368265

117 Search for a Heavy Higgs Boson Decaying Into a Z Boson and Another Heavy Higgs Boson in the ℓ ℓ Bb and ℓ ℓ WW Final States in Pp Collisions at √s=13 TeV With the ATLAS Detector
61 citations
European Physical Journal C · 81, 1-36
https://exaly.com/article/80572407

118 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 √s = 13 TeV
50 citations
Journal of High Energy Physics · 2021, 1-54
https://exaly.com/article/80702107

119 Measurements of W+W−+ ≥ 1 Jet Production Cross-Sections in Pp Collisions at √s = 13 TeV With the ATLAS Detector
18 citations
Journal of High Energy Physics · 2021, 1-59
https://exaly.com/article/80919008

120 Search for Charged Higgs Bosons Decaying Into a Top Quark and a Bottom Quark at √s = 13 TeV With the ATLAS Detector
90 citations
Journal of High Energy Physics · 2021, 1-47
https://exaly.com/article/80995881

121 Measurements of Higgs Bosons Decaying to Bottom Quarks From Vector Boson Fusion Production With the ATLAS Experiment at √s=13TeV
58 citations
European Physical Journal C · 81, 1-32
https://exaly.com/article/81098565

122 Search for Pair Production of Third-Generation Scalar Leptoquarks Decaying Into a Top Quark and a τ-Lepton in Pp Collisions at √s = 13 TeV With the ATLAS Detector
39 citations
Journal of High Energy Physics · 2021, 1-62
https://exaly.com/article/81127176

123 Search for Supersymmetry in Events With Four or More Charged Leptons in 139 Fb−1 of √s = 13 TeV Pp Collisions With the ATLAS Detector
30 citations
Journal of High Energy Physics · 2021, 1-57
https://exaly.com/article/81252950

Ordered by publication year, newest first

2021 / continued

124 **Determination of the Parton Distribution Functions of the Proton From ATLAS Measurements of Differential W± and Z Boson Production in Association With Jets** 19 citations

Journal of High Energy Physics · 2021, 1-44

https://exaly.com/article/81264400

125 **Measurements of Differential Cross-Sections in Four-Lepton Events in 13 TeV Proton-Proton Collisions With the ATLAS Detector** 21 citations

Journal of High Energy Physics · 2021, 1-67

https://exaly.com/article/81286621

126 **A Search for the Decays of Stopped Long-Lived Particles at √s = 13 TeV With the ATLAS Detector** 9 citations

Journal of High Energy Physics · 2021, 1-49

https://exaly.com/article/81312075

127 **Search for Squarks and Gluinos in Final States With One Isolated Lepton, Jets, and Missing Transverse Momentum at √s=13 TeV With the ATLAS Detector** 53 citations

European Physical Journal C · 81, 1-33

https://exaly.com/article/81446482

128 **Measurement of Single Top-Quark Production in Association With a W Boson in the Single-Lepton Channel at √s = 8TeV With the ATLAS Detector** 22 citations

European Physical Journal C · 81, 1-29

https://exaly.com/article/81615775

129 **Jet Energy Scale and Resolution Measured in Proton–Proton Collisions at √s=13 TeV With the ATLAS Detector** 317 citations

European Physical Journal C · 81, 1-49

https://exaly.com/article/81753649

130 **Measurements of Sensor Radiation Damage in the ATLAS Inner Detector Using Leakage Currents** 13 citations

Journal of Instrumentation · 16, P08025

https://exaly.com/article/81801419

131 **Measurements of the Inclusive and Differential Production Cross Sections of a Top-Quark–Antiquark Pair in Association With a Z Boson at √s = 13 TeV With the ATLAS Detector** 43 citations

European Physical Journal C · 81, 1-43

https://exaly.com/article/81918930

132 **Search for Dark Matter Produced in Association With a Single Top Quark in √s=13 TeV Pp Collisions With the ATLAS Detector** 28 citations

European Physical Journal C · 81, 1-37

https://exaly.com/article/82449734

Ordered by publication year, newest first

2021 / continued

133 Measurements of Top-Quark Pair Single- and Double-Differential Cross-Sections in the All-Hadronic Channel in Pp Collisions at √s = 13 TeV Using the ATLAS Detector
32 citations
Journal of High Energy Physics · 2021, 1-76
https://exaly.com/article/82808470

134 Search for Phenomena Beyond the Standard Model in Events With Large b-Jet Multiplicity Using the ATLAS Detector at the LHC
10 citations
European Physical Journal C · 81, 1-29
https://exaly.com/article/82920247

135 Search for Dark Matter in Events With Missing Transverse Momentum and a Higgs Boson Decaying Into Two Photons in Pp Collisions at √s = 13 TeV With the ATLAS Detector
27 citations
Journal of High Energy Physics · 2021, 1-50
https://exaly.com/article/91240391

136 Search for R-Parity-Violating Supersymmetry in a Final State Containing Leptons and Many Jets With the ATLAS Experiment Using √s = 13\hbox TeV Proton–Proton Collision Data
40 citations
European Physical Journal C · 81, 1-39
https://exaly.com/article/123288167

137 Measurement of the t $\bar{t}$ t $\bar{t}$ Production Cross Section in Pp Collisions at √s = 13 TeV With the ATLAS Detector
18 citations
Journal of High Energy Physics · 2021, 1-53
https://exaly.com/article/123347908

138 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
23 citations
Journal of High Energy Physics · 2021, 1-50
https://exaly.com/article/135185917

139 Measurement of the Production Cross Section of Pairs of Isolated Photons in Pp Collisions at 13 TeV With the ATLAS Detector
16 citations
Journal of High Energy Physics · 2021, 1-53
https://exaly.com/article/135191368

140 Search for Exotic Decays of the Higgs Boson Into Long-Lived Particles in Pp Collisions at √s = 13 TeV Using Displaced Vertices in the ATLAS Inner Detector
15 citations
Journal of High Energy Physics · 2021, 1-41
https://exaly.com/article/135227330

Ordered by publication year, newest first

2021 / continued

141 Search for Chargino–Neutralino Pair Production in Final States With Three Leptons and Missing Transverse Momentum in √s = 13 TeV Pp Collisions With the ATLAS Detector
130 citations
European Physical Journal C · 81, 1-55
https://exaly.com/article/135270020

142 Configuration and Performance of the ATLAS b-Jet Triggers in Run 2
21 citations
European Physical Journal C · 81, 1-45
https://exaly.com/article/135359501

143 Measurement of b-Quark Fragmentation Properties in Jets Using the Decay B± → J/ψK± in Pp Collisions at √s = 13 TeV With the ATLAS Detector
9 citations
Journal of High Energy Physics · 2021, 1-46
https://exaly.com/article/135604941

2020

144 Measurements of Inclusive and Differential Cross-Sections of Combined Tt̄γ and tWγ Production in the Eμ Channel at 13 TeV With the ATLAS Detector
7 citations
Journal of High Energy Physics · 2020, 1-47
https://exaly.com/article/75531287

145 Performance of the Missing Transverse Momentum Triggers for the ATLAS Detector During Run-2 Data Taking
32 citations
Journal of High Energy Physics · 2020, 1-53
https://exaly.com/article/75552878

146 Search for New Non-Resonant Phenomena in High-Mass Dilepton Final States With the ATLAS Detector
28 citations
Journal of High Energy Physics · 2020, 1-41
https://exaly.com/article/75714647

147 Measurements of the Higgs Boson Inclusive and Differential Fiducial Cross Sections in the 4 ℓ Decay Channel at √s = 13 TeV
89 citations
European Physical Journal C · 80, 1-67
https://exaly.com/article/75716562

148 Fluctuations of Anisotropic Flow in Pb+Pb Collisions at √((s)_(NN)) = 5.02 TeV With the ATLAS Detector
40 citations
Journal of High Energy Physics · 2020, 1-59
https://exaly.com/article/75755455

Ordered by publication year, newest first

2020 / continued

149 Measurement of Differential Cross Sections for Single Diffractive Dissociation in √s = 8 TeV Pp Collisions Using the ATLAS ALFA Spectrometer
8 citations
Journal of High Energy Physics · 2020, 1-37
https://exaly.com/article/75787584

150 Measurement of Isolated-Photon Plus Two-Jet Production in Pp Collisions at √s = 13 TeV With the ATLAS Detector
9 citations
Journal of High Energy Physics · 2020, 1-49
https://exaly.com/article/75787585

151 Measurements of the Production Cross-Section for a Z Boson in Association With b-Jets in Proton-Proton Collisions at √s = 13 TeV With the ATLAS Detector
15 citations
Journal of High Energy Physics · 2020, 1-58
https://exaly.com/article/75897345

152 Search for the HH → Bb̄Bb̄ Process via Vector-Boson Fusion Production Using Proton-Proton Collisions at √s = 13 TeV With the ATLAS Detector
27 citations
Journal of High Energy Physics · 2020, 1-37
https://exaly.com/article/75921140

153 Observation of the Associated Production of a Top Quark and a Z Boson in Pp Collisions at √s = 13 TeV With the ATLAS Detector
17 citations
Journal of High Energy Physics · 2020, 1-46
https://exaly.com/article/75921142

154 Measurement of the Transverse Momentum Distribution of Drell–Yan Lepton Pairs in Proton–Proton Collisions at √s=13TeV With the ATLAS Detector
92 citations
European Physical Journal C · 80, 1-28
https://exaly.com/article/75931605

155 Search for Direct Production of Electroweakinos in Final States With Missing Transverse Momentum and a Higgs Boson Decaying Into Photons in Pp Collisions at √s = 13 TeV With the ATLAS Detector
14 citations
Journal of High Energy Physics · 2020, 1-46
https://exaly.com/article/76098684

156 Measurements of Top-Quark Pair Spin Correlations in the Eμ Channel at √s = 13 TeV Using Pp Collisions in the ATLAS Detector
68 citations
European Physical Journal C · 80, 1-43
https://exaly.com/article/76268829

Ordered by publication year, newest first

2020 / continued

157 Search for New Phenomena in Final States With Large Jet Multiplicities and Missing Transverse Momentum Using √s = 13 TeV Proton-Proton Collisions Recorded by ATLAS in Run 2 of the LHC
21 citations
Journal of High Energy Physics · 2020, 1-53
https://exaly.com/article/76397819

158 Higgs Boson Production Cross-Section Measurements and Their EFT Interpretation in the 4ℓ Decay Channel at √s= 13 TeV With the ATLAS Detector
113 citations
European Physical Journal C · 80, 1-54
https://exaly.com/article/76541949

159 Search for Pairs of Scalar Leptoquarks Decaying Into Quarks and Electrons or Muons in √s = 13 TeV Pp Collisions With the ATLAS Detector
53 citations
Journal of High Energy Physics · 2020, 1-45
https://exaly.com/article/76566128

160 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
23 citations
Journal of High Energy Physics · 2020, 1-44
https://exaly.com/article/77208373

161 Search for Dijet Resonances in Events With an Isolated Charged Lepton Using √s = 13 TeV Proton-Proton Collision Data Collected by the ATLAS Detector
14 citations
Journal of High Energy Physics · 2020, 1-42
https://exaly.com/article/77208377

162 Measurement of the Z(→ ℓ+ℓ−)γ Production Cross-Section in Pp Collisions at √s = 13 TeV With the ATLAS Detector
18 citations
Journal of High Energy Physics · 2020, 1-52
https://exaly.com/article/77517689

163 Measurement of Long-Range Two-Particle Azimuthal Correlations in Z-Boson Tagged Pp Collisions at √s=8 and 13 TeV
15 citations
European Physical Journal C · 80, 1-32
https://exaly.com/article/77564999

164 Transverse Momentum and Process Dependent Azimuthal Anisotropies in √(s_(NN))=8.16 TeV p+Pb Collisions With the ATLAS Detector
36 citations
European Physical Journal C · 80, 1-31
https://exaly.com/article/77565000

165 Measurement of J/ψ Production in Association With a W± Boson With Pp Data at 8 TeV
15 citations
Journal of High Energy Physics · 2020, 1-38
https://exaly.com/article/84170442

Ordered by publication year, newest first

2020 / continued

166 **Search for New Resonances in Mass Distributions of Jet Pairs Using 139 Fb−1 of Pp Collisions at √s = 13 TeV With the ATLAS Detector** 108 citations

Journal of High Energy Physics · 2020, 1-41

https://exaly.com/article/84170640

167 **Search for Tt̄ Resonances in Fully Hadronic Final States in Pp Collisions at √s = 13 TeV With the ATLAS Detector** 28 citations

Journal of High Energy Physics · 2020, 1-43

https://exaly.com/article/84171649

168 **Reconstruction and Identification of Boosted Di-τ Systems in a Search for Higgs Boson Pairs Using 13 TeV Proton-Proton Collision Data in ATLAS** 13 citations

Journal of High Energy Physics · 2020, 1-47

https://exaly.com/article/84171821

169 **Performance of Electron and Photon Triggers in ATLAS During LHC Run 2** 350 citations

European Physical Journal C · 80, 1-41

https://exaly.com/article/86084828

170 **Search for Electroweak Production of Charginos and Sleptons Decaying Into Final States With Two Leptons and Missing Transverse Momentum in √s=13 TeV Pp Collisions Using the ATLAS Detector** 328 citations

European Physical Journal C · 80, 1-33

https://exaly.com/article/86084847

171 **Search for Top Squarks in Events With a Higgs or Z Boson Using 139 Fb $^{-1}$ of Pp Collision Data at √s=13 TeV With the ATLAS Detector** 15 citations

European Physical Journal C · 80, 1-33

https://exaly.com/article/86084856

172 **Evidence for Tt̄tt̄ Production in the Multilepton Final State in Proton–Proton Collisions at √s=13 TeV With the ATLAS Detector** 93 citations

European Physical Journal C · 80, 1-32

https://exaly.com/article/86084860

173 **Search for Heavy Diboson Resonances in Semileptonic Final States in Pp Collisions at √s=13 TeV With the ATLAS Detector** 86 citations

European Physical Journal C · 80, 1-41

https://exaly.com/article/86084867

174 **Search for Light Long-Lived Neutral Particles Produced in Pp Collisions at √s = 13~TeV and Decaying Into Collimated Leptons or Light Hadrons With the ATLAS Detector** 47 citations

European Physical Journal C · 80, 1-29

https://exaly.com/article/86085074

Ordered by publication year, newest first

2020 / continued

175 Search for a Scalar Partner of the Top Quark in the All-Hadronic Tt̄ Plus Missing Transverse Momentum Final State at √s=13 TeV With the ATLAS Detector — 113 citations
European Physical Journal C · 80, 1-44
https://exaly.com/article/86085113

176 Alignment of the ATLAS Inner Detector in Run 2 — 32 citations
European Physical Journal C · 80, 1-41
https://exaly.com/article/118868872

177 Determination of Jet Calibration and Energy Resolution in Proton–Proton Collisions at √s = 8~\hbox TeV Using the ATLAS Detector — 33 citations
European Physical Journal C · 80, 1-81
https://exaly.com/article/119131796

2019

178 Constraints on Mediator-Based Dark Matter and Scalar Dark Energy Models Using √s = 13 TeV Pp Collision Data Collected by the ATLAS Detector — 54 citations
Journal of High Energy Physics · 2019, 1-87
https://exaly.com/article/71916212

179 Search for Long-Lived Neutral Particles in Pp Collisions at √s = 13~ TeV That Decay Into Displaced Hadronic Jets in the ATLAS Calorimeter — 67 citations
European Physical Journal C · 79, 1-31
https://exaly.com/article/71962106

180 Search for Higgs Boson Pair Production in the WW(*)WW(*) Decay Channel Using ATLAS Data Recorded at √s = 13 TeV — 27 citations
Journal of High Energy Physics · 2019, 1-38
https://exaly.com/article/71976425

181 Search for Large Missing Transverse Momentum in Association With One Top-Quark in Proton-Proton Collisions at √s = 13 TeV With the ATLAS Detector — 13 citations
Journal of High Energy Physics · 2019, 1-50
https://exaly.com/article/72044215

182 Measurement of W^(±)Z Production Cross Sections and Gauge Boson Polarisation in Pp Collisions at √s = 13~TeV With the ATLAS Detector — 135 citations
European Physical Journal C · 79, 1-34
https://exaly.com/article/72051098

183 Searches for Third-Generation Scalar Leptoquarks in √s = 13 TeV Pp Collisions With the ATLAS Detector — 37 citations
Journal of High Energy Physics · 2019, 1-48
https://exaly.com/article/72127592

Ordered by publication year, newest first

2019 / continued

184 Search for Scalar Resonances Decaying Into μ+μ− in Events With and Without b-Tagged Jets Produced in Proton-Proton Collisions at √s=13 TeV With the ATLAS Detector
16 citations
Journal of High Energy Physics · 2019, 1-41
https://exaly.com/article/72176092

185 Search for Diboson Resonances in Hadronic Final States in 139 Fb−1 of Pp Collisions at √s = 13 TeV With the ATLAS Detector
29 citations
Journal of High Energy Physics · 2019, 1-43
https://exaly.com/article/72415866

186 Search for Excited Electrons Singly Produced in Proton–Proton Collisions at √s ~=~13~TeV With the ATLAS Experiment at the LHC
9 citations
European Physical Journal C · 79, 1-30
https://exaly.com/article/72443583

187 Identification of Boosted Higgs Bosons Decaying Into b-Quark Pairs With the ATLAS Detector at 13 TeV
42 citations
European Physical Journal C · 79, 1-38
https://exaly.com/article/72443591

188 Measurement of the Cross-Section and Charge Asymmetry of W Bosons Produced in Proton–Proton Collisions at √s=8~TeV With the ATLAS Detector
52 citations
European Physical Journal C · 79, 1-25
https://exaly.com/article/72512368

189 Measurement of Jet-Substructure Observables in Top Quark, W Boson and Light Jet Production in Proton-Proton Collisions at √s = 13 TeV With the ATLAS Detector
23 citations
Journal of High Energy Physics · 2019, 1-47
https://exaly.com/article/72591487

190 Electron Reconstruction and Identification in the ATLAS Experiment Using the 2015 and 2016 LHC Proton–Proton Collision Data at √s = 13 TeV
206 citations
European Physical Journal C · 79, 1-40
https://exaly.com/article/72604919

191 Measurement of Distributions Sensitive to the Underlying Event in Inclusive Z Boson Production in Pp Collisions at √s = 13 TeV With the ATLAS Detector
13 citations
European Physical Journal C · 79, 1-31
https://exaly.com/article/72604929

192 Search for Single Production of Vector-Like Quarks Decaying Into Wb in Pp Collisions at s √s = 13 TeV With the ATLAS Detector
37 citations
Journal of High Energy Physics
https://exaly.com/article/73031394

Ordered by publication year, newest first

2019 / continued

193 Search for Top-Quark Decays t → Hq With 36 Fb−1 of Pp Collision Data at √s = 13 TeV With the ATLAS Detector
27 citations
Journal of High Energy Physics · 2019, 1-67
https://exaly.com/article/73044881

194 Measurement of VH, H→ Bb̄ Production as a Function of the Vector-Boson Transverse Momentum in 13 TeV Pp Collisions With the ATLAS Detector
17 citations
Journal of High Energy Physics · 2019, 1-36
https://exaly.com/article/73057655

195 Measurements of W and Z Boson Production in Pp Collisions at √s=5.02 s = 5.02 TeV With the ATLAS Detector
32 citations
European Physical Journal C · 79, 1-29
https://exaly.com/article/73167317

196 Performance of Top-Quark and \varvec{W} W -Boson Tagging With ATLAS in Run 2 of the LHC
99 citations
European Physical Journal C · 79, 1-54
https://exaly.com/article/73234635

197 Measurements of Inclusive and Differential Fiducial Cross-Sections of Tt̄γ Production in Leptonic Final States at √s=13~TeV in ATLAS
36 citations
European Physical Journal C · 79, 1-41
https://exaly.com/article/73234636

198 Search for Doubly Charged Scalar Bosons Decaying Into Same-Sign W Boson Pairs With the ATLAS Detector
88 citations
European Physical Journal C · 79, 1-30
https://exaly.com/article/73553274

199 Search for Heavy Majorana or Dirac Neutrinos and Right-Handed W Gauge Bosons in Final States With Two Charged Leptons and Two Jets at √s=13 TeV With the ATLAS Detector
55 citations
Journal of High Energy Physics · 2019, 1-45
https://exaly.com/article/73560331

200 In Situ Calibration of Large-Radius Jet Energy and Mass in 13 TeV Proton–Proton Collisions With the ATLAS Detector
78 citations
European Physical Journal C · 79, 1-42
https://exaly.com/article/73578667

201 Measurement of the Photon Identification Efficiencies With the ATLAS Detector Using LHC Run 2 Data Collected in 2015 and 2016
92 citations
European Physical Journal C · 79, 1-41
https://exaly.com/article/73578670

Ordered by publication year, newest first

2019 / continued

202 **Measurement of the Ratio of Cross Sections for Inclusive Isolated-Photon Production in Pp Collisions at √s = 13 and 8 TeV With the ATLAS Detector** — 12 citations

Journal of High Energy Physics · 2019, 1-47

https://exaly.com/article/73583137

203 **Measurement of the Top Quark Mass in the Tt̄→ Lepton+Jets Channel From √s=8 TeV ATLAS Data and Combination With Previous Results** — 107 citations

European Physical Journal C · 79, 1-51

https://exaly.com/article/73637478

204 **Search for Pair Production of Higgs Bosons in the Bb̄bb̄ Final State Using Proton-Proton Collisions at √s=13 TeV With the ATLAS Detector** — 64 citations

Journal of High Energy Physics · 2019, 1-49

https://exaly.com/article/73705757

205 **A Strategy for a General Search for New Phenomena Using Data-Derived Signal Regions and Its Application Within the ATLAS Experiment** — 53 citations

European Physical Journal C · 79, 1-45

https://exaly.com/article/73759721

206 **Measurement of the Top-Quark Mass in Tt̄ + 1-Jet Events Collected With the ATLAS Detector in Pp Collisions at √s = 8 TeV** — 34 citations

Journal of High Energy Physics · 2019, 1-40

https://exaly.com/article/73810787

207 **Measurement of Fiducial and Differential W^+W^- Production Cross-Sections at √s=13 TeV With the ATLAS Detector** — 89 citations

European Physical Journal C · 79, 1-34

https://exaly.com/article/73817794

208 **Measurement of ZZ Production in the $\ell\ell\nu\nu$ Final State With the ATLAS Detector in Pp Collisions at √s = 13 TeV** — 14 citations

Journal of High Energy Physics · 2019, 1-48

https://exaly.com/article/73854067

209 **Measurement of W^(±) -Boson and Z-Boson Production Cross-Sections in Pp Collisions at √s=2.76 TeV With the ATLAS Detector** — 18 citations

European Physical Journal C · 79, 1-29

https://exaly.com/article/73865816

210 **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** — 17 citations

European Physical Journal C · 79, 1-47

https://exaly.com/article/73892794

Ordered by publication year, newest first

2019 / continued

211 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
84 citations
Journal of High Energy Physics · 2019, 1-47
https://exaly.com/article/73916625

212 Measurement of W^± Boson Production in Pb+Pb Collisions at √(s_(NN)) = 5.02~TeV With the ATLAS Detector
31 citations
European Physical Journal C · 79, 1-32
https://exaly.com/article/73930018

213 ATLAS b-Jet Identification Performance and Efficiency Measurement With Tt̄ Events in Pp Collisions at √s=13 TeV
396 citations
European Physical Journal C · 79, 1-36
https://exaly.com/article/73946415

214 Measurement of Flow Harmonics Correlations With Mean Transverse Momentum in Lead–Lead and Proton–Lead Collisions at √(s_(NN)) = 5.02~\hbox TeV With the ATLAS Detector
61 citations
European Physical Journal C · 79, 1-29
https://exaly.com/article/73967348

215 Measurements of Top-Quark Pair Differential and Double-Differential Cross-Sections in the ℓ +Jets Channel With Pp Collisions at √s=13 TeV Using the ATLAS Detector
100 citations
European Physical Journal C · 79, 1-84
https://exaly.com/article/74353144

216 Search for Bottom-Squark Pair Production With the ATLAS Detector in Final States Containing Higgs Bosons, b-Jets and Missing Transverse Momentum
26 citations
Journal of High Energy Physics · 2019, 1-50
https://exaly.com/article/74459405

217 Measurement of the Inclusive Isolated-Photon Cross Section in Pp Collisions at √s = 13 TeV Using 36 Fb−1 of ATLAS Data
12 citations
Journal of High Energy Physics · 2019, 1-51
https://exaly.com/article/84171584

218 Measurement of K_(S)^0 and Λ ^{0} Production in t t̄ Dileptonic Events in Pp Collisions at √s = 7 TeV With the ATLAS Detector
8 citations
European Physical Journal C · 79, 1-41
https://exaly.com/article/117080403

Ordered by publication year, newest first

2018

219 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 √s=13 TeV With the ATLAS Detector
133 citations
Journal of High Energy Physics · 2018, 1-54
https://exaly.com/article/69044501

220 Measurement of the Cross-Section for Producing a W Boson in Association With a Single Top Quark in Pp Collisions at s=13 √s=13 TeV With ATLAS
23 citations
Journal of High Energy Physics · 2018, 1-42
https://exaly.com/article/69044502

221 Measurement of the W-Boson Mass in Pp Collisions at √s=7 \hbox TeV s = 7 TeV With the ATLAS Detector
300 citations
European Physical Journal C · 78, 1-61
https://exaly.com/article/69098785

222 Search for New Phenomena in High-Mass Final States With a Photon and a Jet From Pp Collisions at √s = 13 TeV With the ATLAS Detector
18 citations
European Physical Journal C · 78, 1-25
https://exaly.com/article/69248751

223 Search for the Direct Production of Charginos and Neutralinos in Final States With Tau Leptons in √s = 13TeV s = 13 TeV Pp Collisions With the ATLAS Detector
66 citations
European Physical Journal C · 78, 1-33
https://exaly.com/article/69248761

224 Measurement of Longitudinal Flow Decorrelations in Pb+Pb Collisions at √(s_(NN))=2.76 and 5.02 TeV With the ATLAS Detector
95 citations
European Physical Journal C · 78, 1-37
https://exaly.com/article/69248763

225 Measurement of Quarkonium Production in Proton–Lead and Proton–Proton Collisions at 5.02~TeV 5.02 TeV With the ATLAS Detector
104 citations
European Physical Journal C · 78, 1-32
https://exaly.com/article/69248769

226 Measurement of Differential Cross-Sections of a Single Top Quark Produced in Association With a W Boson at √s=13TeV s = 13 TeV With ATLAS
31 citations
European Physical Journal C · 78, 1-29
https://exaly.com/article/69248775

Ordered by publication year, newest first

2018 / continued

227 Search for Heavy ZZ Resonances in the $\ell^+\ell^-\ell^+\ell^- \ell + \ell - \ell + \ell$ - And $\ell^+\ell^-\nu$ Bar(ν) ℓ + ℓ - ν ν ¯ Final States Using Proton–Proton Collisions at √s= 13 s = 13 TeV TeV With the ATLAS Detector
116 citations
European Physical Journal C · 78, 1-34
https://exaly.com/article/69248790

228 A Search for Pair-Produced Resonances in Four-Jet Final States at s=13√s=13 TeVTeV With the ATLAS Detector
98 citations
European Physical Journal C · 78, 1-28
https://exaly.com/article/69248792

229 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 √s=13 TeV Pp Collisions With the ATLAS Detector
40 citations
Journal of High Energy Physics · 2018, 1-53
https://exaly.com/article/69253898

230 Search for Heavy Resonances Decaying Into WW in the Eν μ ν e ν μ ν Final State in Pp Collisions at √s=13 s = 13 TeV TeV With the ATLAS Detector
135 citations
European Physical Journal C · 78, 1-34
https://exaly.com/article/69258780

231 Direct Top-Quark Decay Width Measurement in the \varvec{t\bar{t}} t t ¯ Lepton+Jets Channel at √s=8~TeV s = 8 TeV With the ATLAS Experiment
21 citations
European Physical Journal C · 78, 1-30
https://exaly.com/article/69258791

232 Search for W W/W Z Resonance Production in $\ell\nu$qq Final States in Pp Collisions at √s=13 TeV With the ATLAS Detector
35 citations
Journal of High Energy Physics · 2018, 1-45
https://exaly.com/article/69282531

233 Measurement of the Higgs Boson Coupling Properties in the H → ZZ∗ → 4ℓ Decay Channel at √s=13 TeV With the ATLAS Detector
62 citations
Journal of High Energy Physics · 2018, 1-60
https://exaly.com/article/69282540

234 Search for the Higgs Boson Produced in Association With a Vector Boson and Decaying Into Two Spin-Zero Particles in the H → Aa → 4b Channel in Pp Collisions at √s=13 TeV With the ATLAS Detector
36 citations
Journal of High Energy Physics · 2018, 1-48
https://exaly.com/article/69909342

Ordered by publication year, newest first

2018 / continued

235 Measurement of the Zγ → ν ν̄γ Production Cross Section in Pp Collisions at √s=13 TeV With the ATLAS Detector and Limits on Anomalous Triple Gauge-Boson Couplings
24 citations
Journal of High Energy Physics · 2018, 1-42
https://exaly.com/article/69931519

236 Prompt and Non-Prompt J/ψJ/ψ Elliptic Flow in Pb+Pb Collisions at sNN=5.02√ = 5.02 Tev With the ATLAS Detector
33 citations
European Physical Journal C · 78, 1-23
https://exaly.com/article/70021885

237 Search for Higgs Boson Pair Production in the γ γ WW^(*) γ γ W W ∗ Channel Using Pp Pp Collision Data Recorded at √s s =13 = 13 TeV With the ATLAS Detector
73 citations
European Physical Journal C · 78, 1-26
https://exaly.com/article/70021886

238 Measurement of Colour Flow Using Jet-Pull Observables in Tt̄ Events With the ATLAS Experiment at √s = 13\hbox TeV
25 citations
European Physical Journal C · 78, 1-31
https://exaly.com/article/70039079

239 Angular Analysis of B d 0 → K∗μ+μ− Decays in Pp Collisions at √s=8 TeV With the ATLAS Detector
111 citations
Journal of High Energy Physics · 2018, 1-47
https://exaly.com/article/70382840

240 Search for a New Heavy Gauge-Boson Resonance Decaying Into a Lepton and Missing Transverse Momentum in 36 Fb $^{-1}$ of Pp Collisions at √s = 13 TeV With the ATLAS Experiment
58 citations
European Physical Journal C · 78, 1-23
https://exaly.com/article/70424363

241 Search for Dark Matter in Events With a Hadronically Decaying Vector Boson and Missing Transverse Momentum in Pp Collisions at √s=13 TeV With the ATLAS Detector
40 citations
Journal of High Energy Physics · 2018, 1-58
https://exaly.com/article/70460983

242 Measurements of Differential Cross Sections of Top Quark Pair Production in Association With Jets in Pp Collisions at √s=13 TeV Using the ATLAS Detector
14 citations
Journal of High Energy Physics · 2018, 1-58
https://exaly.com/article/70465666

Ordered by publication year, newest first

2018 / continued

243 Search for Higgs Boson Pair Production in the \upgamma \upgamma Bb̄ Final State With 13 TeV Pp Collision Data Collected by the ATLAS Experiment
44 citations
Journal of High Energy Physics · 2018, 1-44
https://exaly.com/article/70468577

244 Search for New Phenomena in Events With Same-Charge Leptons and b-Jets in Pp Collisions at √s=13 TeV With the ATLAS Detector
45 citations
Journal of High Energy Physics · 2018, 1-56
https://exaly.com/article/70468579

245 Measurement of the Azimuthal Anisotropy of Charged Particles Produced in √(s_(_NN)) s NN = 5.02 TeV Pb+Pb Collisions With the ATLAS Detector
87 citations
European Physical Journal C · 78, 1-35
https://exaly.com/article/70470301

246 Performance of Missing Transverse Momentum Reconstruction With the ATLAS Detector Using Proton–Proton Collisions at √s=13~\hbox TeV
284 citations
European Physical Journal C · 78, 1-46
https://exaly.com/article/70501730

247 Search for Electroweak Production of Supersymmetric Particles in Final States With Two or Three Leptons at √s=13\hbox TeV s = 13 TeV With the ATLAS Detector
172 citations
European Physical Journal C · 78, 1-36
https://exaly.com/article/70533471

248 Search for Charged Higgs Bosons Decaying Into Top and Bottom Quarks at √s=13 TeV With the ATLAS Detector
68 citations
Journal of High Energy Physics · 2018, 1-55
https://exaly.com/article/70551543

249 Operation and Performance of the ATLAS Tile Calorimeter in Run 1
36 citations
European Physical Journal C · 78, 1-48
https://exaly.com/article/70552746

250 Search for Supersymmetry in Final States With Missing Transverse Momentum and Multiple b-Jets in Proton-Proton Collisions at √s=13 TeV With the ATLAS Detector
40 citations
Journal of High Energy Physics · 2018, 1-58
https://exaly.com/article/70613197

251 Search for Pair Production of Heavy Vector-Like Quarks Decaying Into High-pT W Bosons and Top Quarks in the Lepton-Plus-Jets Final State in Pp Collisions at √s=13 TeV With the ATLAS Detector
30 citations
Journal of High Energy Physics · 2018, 1-41
https://exaly.com/article/70654863

Ordered by publication year, newest first

2018 / continued

252 Search for Top-Squark Pair Production in Final States With One Lepton, Jets, and Missing Transverse Momentum Using 36 Fb−1 of √s=13 TeV Pp Collision Data With the ATLAS Detector
52 citations
Journal of High Energy Physics · 2018, 1-96
https://exaly.com/article/70665524

253 Search for Long-Lived Charginos Based on a Disappearing-Track Signature in Pp Collisions at √s=13 TeV With the ATLAS Detector
82 citations
Journal of High Energy Physics · 2018, 1-48
https://exaly.com/article/70692792

254 Search for Supersymmetry in Final States With Charm Jets and Missing Transverse Momentum in 13 TeV Pp Collisions With the ATLAS Detector
18 citations
Journal of High Energy Physics · 2018, 1-44
https://exaly.com/article/70692799

255 Search for Charged Higgs Bosons Decaying via H± → τ±ντ in the τ+Jets and τ+Lepton Final States With 36 Fb−1 of Pp Collision Data Recorded at √s=13 TeV With the ATLAS Experiment
91 citations
Journal of High Energy Physics · 2018, 1-48
https://exaly.com/article/70734068

256 Prompt and Non-Prompt J/ψ J / ψ and ψ (2S) ψ (2 S) Suppression at High Transverse Momentum in 5.02~TeV 5.02 TeV Pb+Pb Collisions With the ATLAS Experiment
92 citations
European Physical Journal C · 78, 1-28
https://exaly.com/article/70779410

257 Search for Higgs Boson Decays to Beyond-the-Standard-Model Light Bosons in Four-Lepton Events With the ATLAS Detector at √s=13 TeV
35 citations
Journal of High Energy Physics · 2018, 1-51
https://exaly.com/article/70853521

258 Search for Exclusive Higgs and Z Boson Decays to ϕγ and ργ With the ATLAS Detector
21 citations
Journal of High Energy Physics · 2018, 1-37
https://exaly.com/article/70886292

259 Measurements of b-Jet Tagging Efficiency With the ATLAS Detector Using Tt̄ Events at √s=13 TeV
52 citations
Journal of High Energy Physics · 2018, 1-47
https://exaly.com/article/70886298

Ordered by publication year, newest first

2018 / continued

260 Search for Flavour-Changing Neutral Current Top-Quark Decays t → qZ in Proton-Proton Collisions at √s=13 TeV With the ATLAS Detector
23 citations
Journal of High Energy Physics · 2018, 1-41
https://exaly.com/article/70886303

261 Measurement of the Inclusive and Fiducial Tt̄ Production Cross-Sections in the Lepton+Jets Channel in Pp Collisions at √s = 8~\hbox TeV With the ATLAS Detector
23 citations
European Physical Journal C · 78, 1-31
https://exaly.com/article/70889324

262 Search for Heavy Particles Decaying Into Top-Quark Pairs Using Lepton-Plus-Jets Events in Proton–Proton Collisions at √s = 13 s = 13 TeV TeV With the ATLAS Detector
108 citations
European Physical Journal C · 78, 1-39
https://exaly.com/article/70916132

263 Search for New Phenomena Using the Invariant Mass Distribution of Same-Flavour Opposite-Sign Dilepton Pairs in Events With Missing Transverse Momentum in √s=13 s = 13 TeV Te Pp Collisions With the ATLAS Detector
33 citations
European Physical Journal C · 78, 1-38
https://exaly.com/article/70988558

264 Search for Dark Matter and Other New Phenomena in Events With an Energetic Jet and Large Missing Transverse Momentum Using the ATLAS Detector
155 citations
Journal of High Energy Physics · 2018, 1-53
https://exaly.com/article/71114302

265 Measurement of Inclusive Jet and Dijet Cross-Sections in Proton-Proton Collisions at √s=13 TeV With the ATLAS Detector
43 citations
Journal of High Energy Physics · 2018, 1-47
https://exaly.com/article/71311548

266 Search for Dark Matter Produced in Association With Bottom or Top Quarks in √s=13 TeV Pp Collisions With the ATLAS Detector
75 citations
European Physical Journal C · 78, 1-36
https://exaly.com/article/71500498

267 Search for Doubly Charged Higgs Boson Production in Multi-Lepton Final States With the ATLAS Detector Using Proton–Proton Collisions at √s=13TeV
176 citations
European Physical Journal C · 78, 1-34
https://exaly.com/article/71500527

Ordered by publication year, newest first

2018 / continued

268 Measurement of τ Polarisation in Z/γ ^(*)→ τ τ Decays in Proton–Proton Collisions at √s=8 TeV With the ATLAS Detector — 16 citations

European Physical Journal C · 78, 1-30

https://exaly.com/article/71527693

269 Searches for Heavy ZZ and ZW Resonances in the ℓℓqq and ννqq Final States in Pp Collisions at √s=13 TeV With the ATLAS Detector — 29 citations

Journal of High Energy Physics · 2018, 1-53

https://exaly.com/article/71530632

270 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 — 38 citations

Journal of High Energy Physics · 2018, 1-68

https://exaly.com/article/71578278

271 Measurement of Differential Cross Sections and W+/W− Cross-Section Ratios for W Boson Production in Association With Jets at √s=8 TeV With the ATLAS Detector — 28 citations

Journal of High Energy Physics · 2018, 1-60

https://exaly.com/article/71716131

2017

272 Measurement of the \varvec{t\bar{t}Z} and \varvec{t\bar{t}W} Production Cross Sections in Multilepton Final States Using 3.2 Fb $^{-1}$ of \varvec{Pp} Collisions at √s = 13 TeV With the ATLAS Detector — 58 citations

European Physical Journal C · 77, 1-29

https://exaly.com/article/66053527

273 Measurement of the Inclusive Cross-Sections of Single Top-Quark and Top-Antiquark t-Channel Production in Pp Collisions at s=13 √s=13 TeV With the ATLAS Detector — 34 citations

Journal of High Energy Physics · 2017, 1-41

https://exaly.com/article/66246987

274 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 s=13√s=13 TeV With the ATLAS Detector — 17 citations

European Physical Journal C · 77, 1-38

https://exaly.com/article/66393344

275 Measurement of the W Boson Polarisation in Tt̄ t $\bar{t}$ Events From Pp Collisions at √s s = 8 TeV in the Lepton + Jets Channel With ATLAS — 43 citations

European Physical Journal C · 77, 1-28

https://exaly.com/article/66397438

Ordered by publication year, newest first

2017 / continued

276 Electron Efficiency Measurements With the ATLAS Detector Using 2012 LHC Proton–Proton Collision Data
139 citations
European Physical Journal C · 77, 1-45
https://exaly.com/article/66446069

277 Measurements of Top-Quark Pair Differential Cross-Sections in the Eμeμ Channel in Pp Collisions at s=13√s = 13 TeV Using the ATLAS Detector
37 citations
European Physical Journal C · 77, 1-30
https://exaly.com/article/66446070

278 Performance of Algorithms That Reconstruct Missing Transverse Momentum in √s s = 8 TeV Proton–Proton Collisions in the ATLAS Detector
75 citations
European Physical Journal C · 77, 1-46
https://exaly.com/article/66522325

279 Measurement of the Prompt J/ ψ ψ Pair Production Cross-Section in Pp Collisions at √s = 8 s = 8 TeV With the ATLAS Detector
115 citations
European Physical Journal C · 77, 1-34
https://exaly.com/article/66606598

280 Search for Triboson W^(±)W^(±)W^(∓) W ± W ± W ∓ Production in Pp Collisions at √s=8 s = 8 TeV TeV With the ATLAS Detector
37 citations
European Physical Journal C · 77, 1-28
https://exaly.com/article/66646043

281 Topological Cell Clustering in the ATLAS Calorimeters and Its Performance in LHC Run 1
488 citations
European Physical Journal C · 77, 1-73
https://exaly.com/article/66811035

282 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
74 citations
European Physical Journal C · 77, 1-46
https://exaly.com/article/66811037

283 Measurements of Electroweak Wjj W j j Production and Constraints on Anomalous Gauge Couplings With the ATLAS Detector
36 citations
European Physical Journal C · 77, 1-74
https://exaly.com/article/66819354

284 Jet Reconstruction and Performance Using Particle Flow With the ATLAS Detector
398 citations
European Physical Journal C · 77, 1-47
https://exaly.com/article/66920202

Ordered by publication year, newest first

2017 / continued

285 **Measurement of Multi-Particle Azimuthal Correlations in Pp, p + Pb and Low-Multiplicity Pb + Pb Collisions With the ATLAS Detector**
121 citations
European Physical Journal C · 77, 1-40
https://exaly.com/article/67213753

286 **Measurement of Inclusive and Differential Cross Sections in the H → ZZ * → 4ℓ Decay Channel in Pp Collisions at s = 13 √s=13 TeV With the ATLAS Detector**
40 citations
Journal of High Energy Physics · 2017, 1-49
https://exaly.com/article/67374208

287 **Measurement of Lepton Differential Distributions and the Top Quark Mass in Tt̄ Production in Pp Collisions at √s=8 TeV With the ATLAS Detector**
45 citations
European Physical Journal C · 77, 1-66
https://exaly.com/article/67376423

288 **Measurement of the Tt̄γ Production Cross Section in Proton-Proton Collisions at √s=8 TeV With the ATLAS Detector**
10 citations
Journal of High Energy Physics · 2017, 1-43
https://exaly.com/article/67386634

289 **Measurements of Charge and CP Asymmetries in b-Hadron Decays Using Top-Quark Events Collected by the ATLAS Detector in Pp Collisions at s = 8 √s=8 TeV**
10 citations
Journal of High Energy Physics · 2017, 1-49
https://exaly.com/article/67427059

290 **Performance of the ATLAS Track Reconstruction Algorithms in Dense Environments in LHC Run 2**
158 citations
European Physical Journal C · 77, 1-30
https://exaly.com/article/67472232

291 **Search for New Phenomena in Events Containing a Same-Flavour Opposite-Sign Dilepton Pair, Jets, and Large Missing Transverse Momentum in \varvec{\sqrt{s}=13} s = 13 TeV TeV \varvec{Pp} p p Collisions With the ATLAS Detector**
16 citations
European Physical Journal C · 77, 1-40
https://exaly.com/article/67516387

292 **Measurement of the ZZ Production Cross Section in Proton-Proton Collisions at s=8 √s=8 TeV Using the ZZ → ℓ−ℓ+ℓ′−ℓ′+ and ZZ→ℓ−ℓ+νν¯ ZZ→ ℓ-ν D̄ecay Channels With the ATLAS Detector**
12 citations
Journal of High Energy Physics · 2017, 1-53
https://exaly.com/article/67525550

Ordered by publication year, newest first

2017 / continued

293 Probing the W Tb Vertex Structure in t-Channel Single-Top-Quark Production and Decay in Pp Collisions at s=8 √s=8 TeV With the ATLAS Detector — 17 citations
Journal of High Energy Physics · 2017, 1-50
https://exaly.com/article/67525607

294 Measurements of ψ(2S) and X(3872) → J/ψπ + π − Production in Pp Collisions at s=8 √s=8 TeV With the ATLAS Detector — 55 citations
Journal of High Energy Physics · 2017, 1-43
https://exaly.com/article/67577115

295 Measurements of Top-Quark Pair to Z-Boson Cross-Section Ratios at s=13 √s=13 , 8, 7 TeV With the ATLAS Detector — 18 citations
Journal of High Energy Physics · 2017, 1-54
https://exaly.com/article/67577136

296 Search for Lepton-Flavour-Violating Decays of the Higgs and Z Bosons With the ATLAS Detector — 87 citations
European Physical Journal C · 77, 1-31
https://exaly.com/article/67588150

297 Performance of the ATLAS Trigger System in 2015 — 788 citations
European Physical Journal C · 77, 1-53
https://exaly.com/article/67588267

298 Reconstruction of Primary Vertices at the ATLAS Experiment in Run 1 Proton–Proton Collisions at the LHC — 107 citations
European Physical Journal C · 77, 1-35
https://exaly.com/article/67588295

299 Measurements of the Production Cross Section of a Z Boson in Association With Jets in Pp Collisions at √s = 13 TeV With the ATLAS Detector — 59 citations
European Physical Journal C · 77, 1-31
https://exaly.com/article/67588305

300 Precision Measurement and Interpretation of Inclusive W^+ , W^- and Z/γ ^(*) Production Cross Sections With the ATLAS Detector — 226 citations
European Physical Journal C · 77, 1-62
https://exaly.com/article/67588313

301 Measurement of Jet Fragmentation in Pb+Pb and Pp Collisions at √(s_NN) = 2.76 TeV With the ATLAS Detector at the LHC — 66 citations
European Physical Journal C · 77, 1-29
https://exaly.com/article/67588317

Ordered by publication year, newest first

2017 / continued

302 Search for Dark Matter at s=13 TeV√s=13~TeV in Final States Containing an Energetic Photon and Large Missing Transverse Momentum With the ATLAS Detector
93 citations
European Physical Journal C · 77, 1-30
https://exaly.com/article/67588358

303 Measurement of Charged-Particle Distributions Sensitive to the Underlying Event in s=13 √s=13 TeV Proton-Proton Collisions With the ATLAS Detector at the LHC
21 citations
Journal of High Energy Physics · 2017, 1-42
https://exaly.com/article/67620914

304 Search for Direct Top Squark Pair Production in Final States With Two Leptons in √s = 13 s = 13 TeV Pp Collisions With the ATLAS Detector
63 citations
European Physical Journal C · 77, 1-41
https://exaly.com/article/67823944

305 Search for Direct Top Squark Pair Production in Events With a Higgs or Z Boson, and Missing Transverse Momentum in s=13 √s=13 TeV Pp Collisions With the ATLAS Detector
8 citations
Journal of High Energy Physics · 2017, 1-46
https://exaly.com/article/67844728

306 Measurement of Detector-Corrected Observables Sensitive to the Anomalous Production of Events With Jets and Large Missing Transverse Momentum in \varvec{Pp} p p Collisions at √s=13 s = 13 TeV Using the ATLAS Detector
28 citations
European Physical Journal C · 77, 1-31
https://exaly.com/article/67846683

307 Measurement of b-Hadron Pair Production With the ATLAS Detector in Proton-Proton Collisions at √s=8 TeV
10 citations
Journal of High Energy Physics · 2017, 1-51
https://exaly.com/article/67873981

308 Search for Supersymmetry in Events With b-Tagged Jets and Missing Transverse Momentum in Pp Collisions at √s=13 TeV With the ATLAS Detector
23 citations
Journal of High Energy Physics · 2017, 1-50
https://exaly.com/article/67874068

309 Measurement of the Inclusive Jet Cross-Sections in Proton-Proton Collisions at s=8 √s=8 TeV With the ATLAS Detector
35 citations
Journal of High Energy Physics · 2017, 1-54
https://exaly.com/article/67923860

Ordered by publication year, newest first

2017 / continued

310 Search for Pair Production of Vector-Like Top Quarks in Events With One Lepton, Jets, and Missing Transverse Momentum in s=13 √s=13 TeV Pp Collisions With the ATLAS Detector
45 citations
Journal of High Energy Physics · 2017, 1-40
https://exaly.com/article/67931637

311 Identification and Rejection of Pile-Up Jets at High Pseudorapidity With the ATLAS Detector
73 citations
European Physical Journal C · 77, 1-32
https://exaly.com/article/67932816

312 Measurement of WW/WZ → ℓ ν q qWW/WZ → ℓ ν q q Production With the Hadronically Decaying Boson Reconstructed as One or Two Jets in Pp Collisions at √s =8~TeV√s =8~TeV With ATLAS, and Constraints on Anomalous Gauge Couplings
38 citations
European Physical Journal C · 77, 563
https://exaly.com/article/67932818

313 Search for New Phenomena in a Lepton Plus High Jet Multiplicity Final State With the ATLAS Experiment Using s=13 √s=13 TeV Proton-Proton Collision Data
16 citations
Journal of High Energy Physics · 2017, 1-50
https://exaly.com/article/67943333

314 Searches for the Zγ Decay Mode of the Higgs Boson and for New High-Mass Resonances in Pp Collisions at s=13 √s=13 TeV With the ATLAS Detector
36 citations
Journal of High Energy Physics · 2017, 1-51
https://exaly.com/article/67943344

315 Studies of Zγ Production in Association With a High-Mass Dijet System in Pp Collisions at s=8 √s=8 TeV With the ATLAS Detector
22 citations
Journal of High Energy Physics · 2017, 1-47
https://exaly.com/article/67944011

316 Measurements of Top-Quark Pair Differential Cross-Sections in the Lepton+Jets Channel in Pp Collisions at √s=13 TeV Using the ATLAS Detector
22 citations
Journal of High Energy Physics · 2017, 1-69
https://exaly.com/article/67944023

317 Search for Top Quark Decays t → qH, With H → γγ, in s=13 √s=13 TeV Pp Collisions Using the ATLAS Detector
26 citations
Journal of High Energy Physics · 2017, 1-43
https://exaly.com/article/67946705

Ordered by publication year, newest first

2017 / continued

318 Study of WWγ and WZγ Production in Pp Collisions at √s = 8 TeV and Search for Anomalous Quartic Gauge Couplings With the ATLAS Experiment
35 citations
European Physical Journal C · 77, 1-30
https://exaly.com/article/67949504

319 Measurements of Top Quark Spin Observables in Tt¯ t\overlinet Events Using Dilepton Final States in s=8 √s=8 TeV Pp Collisions With the ATLAS Detector
28 citations
Journal of High Energy Physics · 2017, 1-50
https://exaly.com/article/67958132

320 Search for New Phenomena With Large Jet Multiplicities and Missing Transverse Momentum Using Large-Radius Jets and Flavour-Tagging at ATLAS in 13 TeV Pp Collisions
13 citations
Journal of High Energy Physics · 2017, 1-52
https://exaly.com/article/67982573

321 Top-Quark Mass Measurement in the All-Hadronic Tt¯ t\overlinet Decay Channel at s=8 √s=8 TeV With the ATLAS Detector
25 citations
Journal of High Energy Physics · 2017, 1-41
https://exaly.com/article/68007295

322 Measurement of the Drell-Yan Triple-Differential Cross Section in Pp Collisions at s=8 √s=8 TeV
42 citations
Journal of High Energy Physics · 2017, 1-80
https://exaly.com/article/68007303

323 Search for a Scalar Partner of the Top Quark in the Jets Plus Missing Transverse Momentum Final State at s = 13 √s=13 TeV With the ATLAS Detector
51 citations
Journal of High Energy Physics · 2017, 1-56
https://exaly.com/article/68015005

324 Search for Supersymmetry in Final States With Two Same-Sign or Three Leptons and Jets Using 36 Fb−1 of √s=13 TeV Pp Collision Data With the ATLAS Detector
37 citations
Journal of High Energy Physics · 2017, 1-45
https://exaly.com/article/68026725

325 Search for Pair Production of Heavy Vector-Like Quarks Decaying to High-p T W Bosons and b Quarks in the Lepton-Plus-Jets Final State in Pp Collisions at s=13 √s=13 TeV With the ATLAS Detector
41 citations
Journal of High Energy Physics · 2017, 1-40
https://exaly.com/article/68044366

Ordered by publication year, newest first

2017 / continued

326 Measurement of the k t Splitting Scales in Z → ℓℓ Events in Pp Collisions at s=8 √s=8 TeV With the ATLAS Detector — 4 citations

Journal of High Energy Physics · 2017, 1-41

https://exaly.com/article/68069120

327 Analysis of the Wtb Vertex From the Measurement of Triple-Differential Angular Decay Rates of Single Top Quarks Produced in the t-Channel at s = 8 √s=8 TeV With the ATLAS Detector — 10 citations

Journal of High Energy Physics · 2017, 1-60

https://exaly.com/article/68069123

328 Evidence for the H → b b ¯ H→ Bb̄ Decay With the ATLAS Detector — 81 citations

Journal of High Energy Physics · 2017, 1-71

https://exaly.com/article/68069124

329 Search for New High-Mass Phenomena in the Dilepton Final State Using 36 Fb−1 of Proton-Proton Collision Data at s=13 √s=13 TeV With the ATLAS Detector — 186 citations

Journal of High Energy Physics · 2017, 1-61

https://exaly.com/article/68110094

330 Determination of the Strong Coupling Constant α _s From Transverse Energy–Energy Correlations in Multijet Events at √s = 8~\hbox TeV Using the ATLAS Detector — 64 citations

European Physical Journal C · 77, 1-34

https://exaly.com/article/68127236

2016

331 Study of Hard Double-Parton Scattering in Four-Jet Events in Pp Collisions at s=7 √s=7 TeV With the ATLAS Experiment — 32 citations

Journal of High Energy Physics · 2016, 1-52

https://exaly.com/article/63265348

332 Search for the Standard Model Higgs Boson Produced by Vector-Boson Fusion and Decaying to Bottom Quarks in s=8 √s=8 TeV Pp Collisions With the ATLAS Detector — 12 citations

Journal of High Energy Physics · 2016, 1-37

https://exaly.com/article/63265349

333 Measurement of Event-Shape Observables in Z → ℓ + ℓ -Z → ℓ + ℓ - Events in Pp Collisions at √s=7√s=7 With the ATLAS Detector at the LHC — 19 citations

European Physical Journal C · 76, 1-40

https://exaly.com/article/63568316

Ordered by publication year, newest first

2016 / continued

334 Charged-Particle Distributions in Pp Interactions at √s=8 TeV s = 8 TeV Measured With the ATLAS Detector — 39 citations
European Physical Journal C · 76, 1-32
https://exaly.com/article/63568317

335 Charged-Particle Distributions at Low Transverse Momentum in s=13√s = 13 TeV Pp Interactions Measured With the ATLAS Detector at the LHC — 88 citations
European Physical Journal C · 76, 1-22
https://exaly.com/article/63622672

336 Search for Bottom Squark Pair Production in Proton–Proton Collisions at s=13√s=13 TeV With the ATLAS Detector — 42 citations
European Physical Journal C · 76, 1-25
https://exaly.com/article/63622673

337 Search for Minimal Supersymmetric Standard Model Higgs Bosons H / a and for a ZZ Boson in the τ τ τ τ Final State Produced in Pp Collisions at √s= 13√s= 13 TeV With the ATLAS Detector — 57 citations
European Physical Journal C · 76, 1-30
https://exaly.com/article/63622674

338 Measurement of the Photon Identification Efficiencies With the ATLAS Detector Using LHC Run-1 Data — 91 citations
European Physical Journal C · 76, 1-42
https://exaly.com/article/63622675

339 Measurement of the Bb¯b\overlineb Dijet Cross Section in Pp Collisions at s=7√s = 7 TeV With the ATLAS Detector — 15 citations
European Physical Journal C · 76, 1-24
https://exaly.com/article/63622676

340 The Performance of the Jet Trigger for the ATLAS Detector During 2011 Data Taking — 40 citations
European Physical Journal C · 76, 1-47
https://exaly.com/article/63623885

341 Search for New Phenomena in Different-Flavour High-Mass Dilepton Final States in Pp Collisions at s=13√s=13 Tev With the ATLAS Detector — 31 citations
European Physical Journal C · 76, 1-28
https://exaly.com/article/63623886

342 Search for the Higgs Boson Produced in Association With a W Boson and Decaying to Four b-Quarks via Two Spin-Zero Particles in Pp Collisions at 13 TeV With the ATLAS Detector — 31 citations
European Physical Journal C · 76, 1-31
https://exaly.com/article/63624716

Ordered by publication year, newest first

2016 / continued

343 Muon Reconstruction Performance of the ATLAS Detector in Proton–Proton Collision Data at √s s =13 TeV
593 citations
European Physical Journal C · 76, 1-30
https://exaly.com/article/63640876

344 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
73 citations
European Physical Journal C · 76, 1-25
https://exaly.com/article/63646693

345 Search for Gluinos in Events With an Isolated Lepton, Jets and Missing Transverse Momentum at s√s = 13 Te V With the ATLAS Detector
34 citations
European Physical Journal C · 76, 1-29
https://exaly.com/article/63687425

346 Measurement of the Inclusive Isolated Prompt Photon Cross Section in Pp Collisions at s=8 √s=8 TeV With the ATLAS Detector
58 citations
Journal of High Energy Physics · 2016, 1-42
https://exaly.com/article/63869443

347 Search for a High-Mass Higgs Boson Decaying to a W Boson Pair in Pp Collisions at s=8 √s=8 TeV With the ATLAS Detector
77 citations
Journal of High Energy Physics · 2016, 1-66
https://exaly.com/article/63975182

348 Search for Flavour-Changing Neutral Current Top-Quark Decays to \varvec{qZ} q Z in \varvec{Pp} p p Collision Data Collected With the ATLAS Detector at \varvec{\sqrt{s}=8} s = 8 TeV
45 citations
European Physical Journal C · 76, 1-24
https://exaly.com/article/64036605

349 Measurement of the Charge Asymmetry in Top-Quark Pair Production in the Lepton-Plus-Jets Final State in Pp Collision Data at √s=8TeV With the ATLAS Detector
45 citations
European Physical Journal C · 76, 1-30
https://exaly.com/article/64062723

350 Search for Direct Top Squark Pair Production in Final States With Two Tau Leptons in Pp Collisions at √s=8 s = 8 TeV With the ATLAS Detector
10 citations
European Physical Journal C · 76, 1-30
https://exaly.com/article/64089700

Ordered by publication year, newest first

2016 / continued

351 Search for Charged Higgs Bosons in the H ± → Tb Decay Channel in Pp Collisions at s=8 √s=8 TeV Using the ATLAS Detector — 56 citations
Journal of High Energy Physics · 2016, 1-48
https://exaly.com/article/64118767

352 Study of the Rare Decays of B^0_s B s 0 and B^0 B 0 Into Muon Pairs From Data Collected During the LHC Run 1 With the ATLAS Detector — 52 citations
European Physical Journal C · 76, 1-31
https://exaly.com/article/64240817

353 Search for Supersymmetry in a Final State Containing Two Photons and Missing Transverse Momentum in \varvec{\sqrt{s}} = 13 TeV \varvec{Pp} Collisions at the LHC Using the ATLAS Detector — 32 citations
European Physical Journal C · 76, 1-23
https://exaly.com/article/64240818

354 Search for Resonances in Diphoton Events at s=13 √s=13 TeV With the ATLAS Detector — 88 citations
Journal of High Energy Physics · 2016, 1-50
https://exaly.com/article/64242335

355 Search for Single Production of Vector-Like Quarks Decaying Into Wb in Pp Collisions at s=8√s = 8 TeV With the ATLAS Detector — 49 citations
European Physical Journal C · 76, 1-26
https://exaly.com/article/64304252

356 Measurement of the Relative Width Difference of the B0-B¯0 B0\hbox- \overlineB0 System With the ATLAS Detector — 11 citations
Journal of High Energy Physics · 2016, 1-39
https://exaly.com/article/64388116

357 Reconstruction of Hadronic Decay Products of Tau Leptons With the ATLAS Experiment — 65 citations
European Physical Journal C · 76, 1-26
https://exaly.com/article/64698822

358 Performance of Pile-Up Mitigation Techniques for Jets in Pp Collisions at √s=8 TeV Using the ATLAS Detector — 505 citations
European Physical Journal C · 76, 581
https://exaly.com/article/64719033

359 Measurement of the Charged-Particle Multiplicity Inside Jets From √s=8 s = 8 TeV TeV Pp Collisions With the ATLAS Detector — 61 citations
European Physical Journal C · 76, 1-23
https://exaly.com/article/64817481

Ordered by publication year, newest first

2016 / continued

360 Measurement of Jet Activity in Top Quark Events Using the Eμ Final State With Two b-Tagged Jets in Pp Collisions at s=8 √s=8 TeV With the ATLAS Detector
4 citations
Journal of High Energy Physics · 2016, 1-62
https://exaly.com/article/64824078

361 Measurement of the Transverse Momentum and φ ^(*)_(η) ϕ η ∗ Distributions of Drell–Yan Lepton Pairs in Proton–Proton Collisions at √s=8 s = 8 TeV With the ATLAS Detector
197 citations
European Physical Journal C · 76, 1-61
https://exaly.com/article/64835330

362 Measurement of Fiducial Differential Cross Sections of Gluon-Fusion Production of Higgs Bosons Decaying to WW ∗→Ενμν With the ATLAS Detector at s=8 √s=8 TeV
17 citations
Journal of High Energy Physics · 2016, 1-63
https://exaly.com/article/64852135

363 Search for New Phenomena in Events With a Photon and Missing Transverse Momentum in Pp Collisions at s = 13 √s=13 TeV With the ATLAS Detector
24 citations
Journal of High Energy Physics · 2016, 1-41
https://exaly.com/article/64854177

364 A Search for Top Squarks With R-Parity-Violating Decays to All-Hadronic Final States With the ATLAS Detector in s=8 √s=8 TeV Proton-Proton Collisions
17 citations
Journal of High Energy Physics · 2016, 1-49
https://exaly.com/article/64854179

365 Identification of High Transverse Momentum Top Quarks in Pp Collisions at s=8 √s=8 TeV With the ATLAS Detector
20 citations
Journal of High Energy Physics · 2016, 1-81
https://exaly.com/article/64854180

366 A Search for an Excited Muon Decaying to a Muon and Two Jets in Pp Collisions at √s=8TeV With the ATLAS Detectoratlas.publications@Cern.ch
5 citations
New Journal of Physics · 18, 073021
https://exaly.com/article/64855319

367 Measurements of Top-Quark Pair Differential Cross-Sections in the Lepton+Jets Channel in Pp Collisions at √s=8~TeV s = 8 TeV Using the ATLAS Detector
154 citations
European Physical Journal C · 76, 1-39
https://exaly.com/article/64885454

Ordered by publication year, newest first

2016 / continued

368 Measurement of the Differential Cross-Sections of Prompt and Non-Prompt Production of J/ψ J / ψ and ψ (2S) ψ (2 S) in Pp Collisions at √s = 7 s = 7 and 8 TeV With the ATLAS Detector
82 citations
European Physical Journal C · 76, 1-47
https://exaly.com/article/64945783

369 Luminosity Determination in Pp Collisions at √s s = 8 TeV Using the ATLAS Detector at the LHC
318 citations
European Physical Journal C · 76, 1-45
https://exaly.com/article/64945815

370 Search for Squarks and Gluinos in Events With Hadronically Decaying Tau Leptons, Jets and Missing Transverse Momentum in Proton–Proton Collisions at √s=13 s = 13 TeV Recorded With the ATLAS Detector
14 citations
European Physical Journal C · 76, 1-33
https://exaly.com/article/64945825

371 Measurement of the Angular Coefficients in Z-Boson Events Using Electron and Muon Pairs From Data Taken at s=8 √s=8 TeV With the ATLAS Detector
60 citations
Journal of High Energy Physics · 2016, 1-101
https://exaly.com/article/64955239

372 Searches for Heavy Diboson Resonances in Pp Collisions at s=13 √s=13 TeV With the ATLAS Detector
30 citations
Journal of High Energy Physics · 2016, 1-46
https://exaly.com/article/64955270

373 Dark Matter Interpretations of ATLAS Searches for the Electroweak Production of Supersymmetric Particles in s=8 √s=8 TeV Proton-Proton Collisions
17 citations
Journal of High Energy Physics · 2016, 1-44
https://exaly.com/article/64955272

374 Search for the Standard Model Higgs Boson Decaying Into Bb¯ b\overlineb Produced in Association With Top Quarks Decaying Hadronically in Pp Collisions at s=8 √s=8 TeV With the ATLAS Detector
24 citations
Journal of High Energy Physics · 2016, 1-51
https://exaly.com/article/64966707

375 Measurement of the CP-Violating Phase ϕ s and the B s 0 Meson Decay Width Difference With B s 0 → J/ψϕ Decays in ATLAS
17 citations
Journal of High Energy Physics · 2016, 1-45
https://exaly.com/article/64966758

Ordered by publication year, newest first

2016 / continued

376 Search for Squarks and Gluinos in Final States With Jets and Missing Transverse Momentum at s√s =13 TeVwith the ATLAS Detector
79 citations
European Physical Journal C · 76, 1-29
https://exaly.com/article/64972835

377 Measurement of the Double-Differential High-Mass Drell-Yan Cross Section in Pp Collisions at s=8 √s=8 TeV With the ATLAS Detector
51 citations
Journal of High Energy Physics · 2016, 1-61
https://exaly.com/article/65013390

378 A Search for Prompt Lepton-Jets in Pp Collisions at s=8 √=8 TeV With the ATLAS Detector
35 citations
Journal of High Energy Physics · 2016, 1-51
https://exaly.com/article/65057317

379 Search for New Phenomena With Photon+Jet Events in Proton-Proton Collisions at s=13 √s=13 TeV With the ATLAS Detector
14 citations
Journal of High Energy Physics · 2016, 1-37
https://exaly.com/article/65057380

380 Measurement of the Centrality Dependence of the Charged-Particle Pseudorapidity Distribution in Proton–Lead Collisions at √(s_(_NN)) = 5.02 s NN = 5.02 TeV With the ATLAS Detector
76 citations
European Physical Journal C · 76, 1-30
https://exaly.com/article/65082138

381 Measurement of the Production Cross-Section of a Single Top Quark in Association With a W Boson at 8 TeV With the ATLAS Experiment
19 citations
Journal of High Energy Physics · 2016, 1-48
https://exaly.com/article/65147665

382 Search for the Production of Single Vector-Like and Excited Quarks in the Wt Final State in Pp Collisions at s = 8 √s=8 TeV With the ATLAS Detector
21 citations
Journal of High Energy Physics · 2016, 1-46
https://exaly.com/article/65147741

383 Search for Strong Gravity in Multijet Final States Produced in Pp Collisions at s=13 √s=13 TeV Using the ATLAS Detector at the LHC
18 citations
Journal of High Energy Physics · 2016, 1-38
https://exaly.com/article/65147771

384 Identification of Boosted, Hadronically Decaying W Bosons and Comparisons With ATLAS Data Taken at √s = 8 s = 8 TeV
70 citations
European Physical Journal C · 76, 1-47
https://exaly.com/article/65208133

Ordered by publication year, newest first

2016 / continued

385 Search for New Phenomena in Events With at Least Three Photons Collected in Pp Collisions at s√s = 8 TeV With the ATLAS Detector — 126 citations

European Physical Journal C · 76, 1-26

https://exaly.com/article/65208170

386 Probing Lepton Flavour Violation via Neutrinoless \varvec{\tau \longrightarrow 3\mu } τ ⟶ 3 μ Decays With the ATLAS Detector — 35 citations

European Physical Journal C · 76, 1-25

https://exaly.com/article/65208175

387 A New Method to Distinguish Hadronically Decaying Boosted Z Bosons From W Bosons Using the ATLAS Detector — 13 citations

European Physical Journal C · 76, 1-33

https://exaly.com/article/65208188

388 Search for Supersymmetry at [Math Processing Error]s=13√s=13 TeV in Final States With Jets and Two Same-Sign Leptons or Three Leptons With the ATLAS Detector — 82 citations

European Physical Journal C · 76, 1-26

https://exaly.com/article/65208201

389 Search for Invisible Decays of a Higgs Boson Using Vector-Boson Fusion in Pp Collisions at s=8 √s=8 TeV With the ATLAS Detector — 56 citations

Journal of High Energy Physics · 2016, 1-44

https://exaly.com/article/65256291

390 Search for Anomalous Couplings in the W Tb Vertex From the Measurement of Double Differential Angular Decay Rates of Single Top Quarks Produced in the t-Channel With the ATLAS Detector — 14 citations

Journal of High Energy Physics · 2016, 1-46

https://exaly.com/article/65256401

391 Searches for Scalar Leptoquarks in Pp Collisions at \varvec{\sqrt{s}} s = 8 TeV With the ATLAS Detector — 116 citations

European Physical Journal C · 76, 1-28

https://exaly.com/article/65344076

392 Measurements of the Higgs Boson Production and Decay Rates and Coupling Strengths Using Pp Collision Data at √s=7 s = 7 and 8 TeV in the ATLAS Experiment — 323 citations

European Physical Journal C · 76, 1-51

https://exaly.com/article/65373881

393 Measurements of Fiducial Cross-Sections for Tt̄ t t ¯ Production With One or Two Additional b-Jets in Pp Collisions at √s s =8 TeV Using the ATLAS Detector — 62 citations

European Physical Journal C · 76, 1-37

https://exaly.com/article/65373882

Ordered by publication year, newest first

2016 / continued

394 Study of the Bc+→J/ψDs+Bc+ → J/ψ Ds+ and Bc+→J/ψDs∗+Bc+ → J/ψ Ds*+ Decays With the ATLAS Detector — 54 citations
European Physical Journal C · 76, 4
https://exaly.com/article/65376488

395 Search for Single Top-Quark Production via Flavour-Changing Neutral Currents at 8 TeV With the ATLAS Detector — 52 citations
European Physical Journal C · 76, 1-30
https://exaly.com/article/65591110

2015

396 Search for Low-Scale Gravity Signatures in Multi-Jet Final States With the ATLAS Detector at s = 8 √s=8 TeV — 5 citations
Journal of High Energy Physics · 2015, 1-38
https://exaly.com/article/60473320

397 A Search for High-Mass Resonances Decaying to τ+τ− in Pp Collisions at √s=8 TeV With the ATLAS Detector — 27 citations
Journal of High Energy Physics · 2015, 1-44
https://exaly.com/article/60473360

398 Summary of the ATLAS Experiment's Sensitivity to Supersymmetry After LHC Run 1 — Interpreted in the Phenomenological MSSM — 68 citations
Journal of High Energy Physics · 2015, 1-76
https://exaly.com/article/60473513

399 Search for Lepton-Flavour-Violating H → μτ Decays of the Higgs Boson With the ATLAS Detector — 56 citations
Journal of High Energy Physics · 2015, 1-33
https://exaly.com/article/60473570

400 Measurement of Four-Jet Differential Cross Sections in s=8 √s=8 TeV Proton-Proton Collisions Using the ATLAS Detector — 12 citations
Journal of High Energy Physics · 2015, 1-76
https://exaly.com/article/60473603

401 A Search for Tt¯ t\overlinet Resonances Using Lepton-Plus-Jets Events in Proton-Proton Collisions at s=8 √s=8 TeV With the ATLAS Detector — 69 citations
Journal of High Energy Physics · 2015, 1-54
https://exaly.com/article/60510957

Ordered by publication year, newest first

2015 / continued

402 Measurement of the Forward-Backward Asymmetry of Electron and Muon Pair-Production in Pp Collisions at s=7 √s=7 TeV With the ATLAS Detector
34 citations
Journal of High Energy Physics · 2015, 1-43
https://exaly.com/article/60510978

403 Measurement of Charged-Particle Spectra in Pb+Pb Collisions at sNN=2.76 √=2.76 TeV With the ATLAS Detector at the LHC
91 citations
Journal of High Energy Physics · 2015, 1-51
https://exaly.com/article/60510979

404 Analysis of Events With b-Jets and a Pair of Leptons of the Same Charge in Pp Collisions at s=8 √s=8 TeV With the ATLAS Detector
34 citations
Journal of High Energy Physics · 2015, 1-51
https://exaly.com/article/60511072

405 Constraints on New Phenomena via Higgs Boson Couplings and Invisible Decays With the ATLAS Detector
121 citations
Journal of High Energy Physics · 2015, 1-52
https://exaly.com/article/60511184

406 Search for High-Mass Diboson Resonances With Boson-Tagged Jets in Proton-Proton Collisions at s = 8 √s=8 TeV With the ATLAS Detector
84 citations
Journal of High Energy Physics · 2015, 1-39
https://exaly.com/article/60536414

407 Differential Top-Antitop Cross-Section Measurements as a Function of Observables Constructed From Final-State Particles Using Pp Collisions at s=7 √s=7 TeV in the ATLAS Detector
40 citations
Journal of High Energy Physics · 2015, 1-56
https://exaly.com/article/60544197

408 Search for Heavy Majorana Neutrinos With the ATLAS Detector in Pp Collisions at √s=8 TeV
102 citations
Journal of High Energy Physics · 2015, 1-44
https://exaly.com/article/60544253

409 Search for Production of Vector-Like Quark Pairs and of Four Top Quarks in the Lepton-Plus-Jets Final State in Pp Collisions at s=8 √s=8 TeV With the ATLAS Detector
75 citations
Journal of High Energy Physics · 2015, 1-86
https://exaly.com/article/60544287

Ordered by publication year, newest first

2015 / continued

410 Search for New Phenomena in Events With Three or More Charged Leptons in Pp Collisions at s = 8 √s=8 TeV With the ATLAS Detector — 23 citations
Journal of High Energy Physics · 2015, 1-60
https://exaly.com/article/60544296

411 Summary of the Searches for Squarks and Gluinos Using s=8 √s=8 TeV Pp Collisions With the ATLAS Experiment at the LHC — 68 citations
Journal of High Energy Physics · 2015, 1-100
https://exaly.com/article/60544375

412 Determination of the Top-Quark Pole Mass Using Tt¯ t\overlinet + 1-Jet Events Collected With the ATLAS Experiment in 7 TeV Pp Collisions — 28 citations
Journal of High Energy Physics · 2015, 1-41
https://exaly.com/article/60544394

413 Measurement of the Tt¯W t\overlinetW and Tt¯Z t\overlinetZ Production Cross Sections in Pp Collisions at s=8 √s=8 TeV With the ATLAS Detector — 26 citations
Journal of High Energy Physics · 2015, 1-48
https://exaly.com/article/60544441

414 Search for Flavour-Changing Neutral Current Top Quark Decays t → Hq in Pp Collisions at s = 8 √s=8 TeV With the ATLAS Detector — 25 citations
Journal of High Energy Physics · 2015, 1-65
https://exaly.com/article/60544465

415 Search for Heavy Lepton Resonances Decaying to a Z Boson and a Lepton in Pp Collisions at s = 8 √s=8 TeV With the ATLAS Detector — 44 citations
Journal of High Energy Physics · 2015, 1-38
https://exaly.com/article/60658330

416 Search for Squarks and Gluinos in Events With Isolated Leptons, Jets and Missing Transverse Momentum at s = 8 √s=8 TeV With the ATLAS Detector — 46 citations
Journal of High Energy Physics · 2015, 1-75
https://exaly.com/article/61246449

417 Evidence for the Higgs-Boson Yukawa Coupling to Tau Leptons With the ATLAS Detector — 136 citations
Journal of High Energy Physics · 2015, 1-74
https://exaly.com/article/61246450

418 Measurement of the Charge Asymmetry in Dileptonic Decays of Top Quark Pairs in Pp Collisions at s=7 √s=7 TeV Using the ATLAS Detector — 18 citations
Journal of High Energy Physics · 2015, 1-50
https://exaly.com/article/61246497

Ordered by publication year, newest first

2015 / continued

419 Search for W'→Tb→qqbbW' → Tb → Qqbb Decays in Pppp Collisions at s√s = 8 TeV With the ATLAS Detector — 38 citations

European Physical Journal C · 75, 1-23

https://exaly.com/article/61271558

420 Measurement of the Top-Quark Mass in the Fully Hadronic Decay Channel From ATLAS Data at √s=7TeV — 21 citations

European Physical Journal C · 75, 1-26

https://exaly.com/article/61271559

421 Search for Direct Pair Production of a Chargino and a Neutralino Decaying to the 125 GeV Higgs Boson in Ss=8√ = 8 TeV Pppp\varvecpp Collisions With the ATLAS Detector — 71 citations

European Physical Journal C · 75, 1-31

https://exaly.com/article/61271575

422 Study of (W/Z)H Production and Higgs Boson Couplings Using H→ W W ∗ Decays With the ATLAS Detector — 29 citations

Journal of High Energy Physics · 2015, 1-65

https://exaly.com/article/61357946

423 Search for Metastable Heavy Charged Particles With Large Ionisation Energy Loss in Pp Collisions at s=8s=8\varvec TeV Using the ATLAS Experiment — 35 citations

European Physical Journal C · 75, 1-25

https://exaly.com/article/61414280

424 Measurement of the Production and Lepton Charge Asymmetry of WW Bosons in Pb+Pb Collisions at sNN=2.76TeV√=2.76TeV With the ATLAS Detector — 47 citations

European Physical Journal C · 75, 1-30

https://exaly.com/article/61701203

425 Jet Energy Measurement and Its Systematic Uncertainty in Proton–Proton Collisions at √s=7 s = 7 TeV With the ATLAS Detector — 293 citations

European Physical Journal C · 75, 1-101

https://exaly.com/article/62237139

426 Search for Invisible Particles Produced in Association With Single-Top-Quarks in Proton–Proton Collisions at s=8 TeV√s=8~TeV With the ATLAS Detector — 37 citations

European Physical Journal C · 75, 1-24

https://exaly.com/article/62237146

427 Search for Resonant Diboson Production in the ℓℓqq¯ℓ ℓ q\barq Final State in Pppp Collisions at s=8√s = 8 TeV With the ATLAS Detector — 74 citations

European Physical Journal C · 75, 1-20

https://exaly.com/article/62237158

Ordered by publication year, newest first

2015 / continued

428 Measurements of the W W Production Cross Sections in Association With Jets With the ATLAS Detector — 95 citations
European Physical Journal C · 75, 1-46
https://exaly.com/article/62237159

429 Search for Dark Matter in Events With Heavy Quarks and Missing Transverse Momentum in Pppp Collisions With the ATLAS Detector — 81 citations
European Physical Journal C · 75, 1-22
https://exaly.com/article/62237186

430 Measurement of the Tt¯ t\overlinet Production Cross-Section as a Function of Jet Multiplicity and Jet Transverse Momentum in 7 TeV Proton-Proton Collisions With the ATLAS Detector — 29 citations
Journal of High Energy Physics · 2015, 1-67
https://exaly.com/article/62251577

431 Measurement of the W W + W Z Cross Section and Limits on Anomalous Triple Gauge Couplings Using Final States With One Lepton, Missing Transverse Momentum, and Two Jets With the ATLAS Detector at s=7 √s=7 TeV — 28 citations
Journal of High Energy Physics · 2015, 1-42
https://exaly.com/article/62251602

432 Searches for Heavy Long-Lived Charged Particles With the ATLAS Detector in Proton-Proton Collisions at s = 8 √s=8 TeV — 35 citations
Journal of High Energy Physics · 2015, 1-51
https://exaly.com/article/62251620

433 Search for the Bb¯ b\overlineb Decay of the Standard Model Higgs Boson in Associated (W/Z)H Production With the ATLAS Detector — 93 citations
Journal of High Energy Physics · 2015, 1-89
https://exaly.com/article/62251621

434 Measurement of the Inclusive Jet Cross-Section in Proton-Proton Collisions at s=7 √s=7 TeV Using 4.5 Fb−1 of Data With the ATLAS Detector — 51 citations
Journal of High Energy Physics · 2015, 1-54
https://exaly.com/article/62251845

435 Search for Anomalous Production of Prompt Same-Sign Lepton Pairs and Pair-Produced Doubly Charged Higgs Bosons With s=8 √s=8 TeV Pp Collisions Using the ATLAS Detector — 69 citations
Journal of High Energy Physics · 2015, 1-48
https://exaly.com/article/62251918

Ordered by publication year, newest first

2015 / continued

436 Search for Charged Higgs Bosons Decaying via H ± → τ ± ν in Fully Hadronic Final States Using Pp Collision Data at s √s = 8 TeV With the ATLAS Detector — 85 citations

Journal of High Energy Physics · 2015, 1-45

https://exaly.com/article/62251963

437 Search for Production of WW/WZWW/WZ Resonances Decaying to a Lepton, Neutrino and Jets in Pppp Collisions at s=8√s=8 TeV With the ATLAS Detector — 80 citations

European Physical Journal C · 75, 1-20

https://exaly.com/article/62277626

438 Performance of the ATLAS Muon Trigger in Pp Collisions at √s=8 s = 8 TeV — 65 citations

European Physical Journal C · 75, 1-31

https://exaly.com/article/62372784

439 Search for Higgs Boson Pair Production in the Bb̄bb̄ b b ¯ b b ¯ Final State From Pp Collisions at √s = 8 s = 8 TeVwith the ATLAS Detector — 102 citations

European Physical Journal C · 75, 1-32

https://exaly.com/article/62423228

440 Determination of Spin and Parity of the Higgs Boson in the WW^(*)→ e ν μ ν W W ∗ → e ν μ ν Decay Channel With the ATLAS Detector — 22 citations

European Physical Journal C · 75, 1-40

https://exaly.com/article/62432115

441 Search for New Phenomena in Final States With an Energetic Jet and Large Missing Transverse Momentum in Pp Collisions at √s=8~√s=8~TeV With the ATLAS Detector — 252 citations

European Physical Journal C · 75, 1-43

https://exaly.com/article/62432116

442 Search for a New Resonance Decaying to a W or Z Boson and a Higgs Boson in the ℓ ℓ / ℓ ν / ν ν + b b̄ ℓ ℓ / ℓ ν / ν ν + b b ¯ Final States With the ATLAS Detector — 64 citations

European Physical Journal C · 75, 1-21

https://exaly.com/article/62447495

443 Measurement of Three-Jet Production Cross-Sections in Pppp Collisions at 7 TeV TeV Centre-of-Mass Energy Using the ATLAS Detector — 28 citations

European Physical Journal C · 75, 228

https://exaly.com/article/62452043

444 Constraints on the Off-Shell Higgs Boson Signal Strength in the High-Mass ZZ and WW Final States With the ATLAS Detector — 119 citations

European Physical Journal C · 75, 1-34

https://exaly.com/article/62452044

Ordered by publication year, newest first

2015 / continued

445 Identification and Energy Calibration of Hadronically Decaying Tau Leptons With the ATLAS Experiment in Pp Collisions at √s=8 \hbox TeV
94 citations
European Physical Journal C · 75, 1-33
https://exaly.com/article/62472680

446 Observation and Measurements of the Production of Prompt and Non-Prompt \varvec{\text {J}\uppsi } J ψ Mesons in Association With a \varvec{Z} Z Boson in \varvec{Pp} p p Collisions at \varvec{\sqrt{s}= 8\,\text {TeV}} s = 8 TeV With the ATLAS Detector
76 citations
European Physical Journal C · 75, 1-29
https://exaly.com/article/62554385

447 Search for the Standard Model Higgs Boson Produced in Association With Top Quarks and Decaying Into \varvec{b\bar{b}} b b ¯ in \varvec{Pp} p p Collisions at √s= \varvec{8{{\,\mathrm TeV}}} s = 8 T e V With the ATLAS Detector
147 citations
European Physical Journal C · 75, 1-50
https://exaly.com/article/62566383

448 Search for Supersymmetry in Events Containing a Same-Flavour Opposite-Sign Dilepton Pair, Jets, and Large Missing Transverse Momentum in √s=8 s = 8 TeV Pp Collisions With the ATLAS Detector
59 citations
European Physical Journal C · 75, 318
https://exaly.com/article/62580966

449 Search for Heavy Long-Lived Multi-Charged Particles in Pp Collisions at s=8√s=8 TeV Using the ATLAS Detector
44 citations
European Physical Journal C · 75, 1-23
https://exaly.com/article/62585880

450 Two-Particle Bose–Einstein Correlations in Pp Collisions at s=√s = 0.9 and 7 TeV Measured With the ATLAS Detector
49 citations
European Physical Journal C · 75, 1-25
https://exaly.com/article/62594308

451 Measurement of the Top Quark Mass in the Tt̄→ Lepton+Jets t t ¯ → Lepton+Jets and Tt̄→ Dilepton t t ¯ → Dilepton Channels Using √s=7 s = 7 TeV TeV ATLAS Data
56 citations
European Physical Journal C · 75, 1-36
https://exaly.com/article/62663223

Ordered by publication year, newest first

2014

452 Search for Neutral Higgs Bosons of the Minimal Supersymmetric Standard Model in Pp Collisions at s=8 √s=8 TeV With the ATLAS Detector
85 citations
Journal of High Energy Physics · 2014, 1-47
https://exaly.com/article/57648034

453 Measurement of the Muon Reconstruction Performance of the ATLAS Detector Using 2011 and 2012 LHC Proton–Proton Collision Data
225 citations
European Physical Journal C · 74, 1-34
https://exaly.com/article/57684297

454 Measurements of Jet Vetoes and Azimuthal Decorrelations in Dijet Events Produced in Pppp Collisions at s=7TeV√s=7TeV Using the ATLAS Detector
47 citations
European Physical Journal C · 74, 1-27
https://exaly.com/article/57724484

455 A Measurement of the Ratio of the Production Cross Sections for W W and Z Z Bosons in Association With Jets With the ATLAS Detector
24 citations
European Physical Journal C · 74, 1-31
https://exaly.com/article/57736353

456 Measurements of Fiducial and Differential Cross Sections for Higgs Boson Production in the Diphoton Decay Channel at s=8 √s=8 TeV With ATLAS
50 citations
Journal of High Energy Physics · 2014, 1-61
https://exaly.com/article/57738164

457 Search for Supersymmetry in Events With Large Missing Transverse Momentum, Jets, and at Least One Tau Lepton in 20 Fb−1 of s √s = 8 TeV Proton-Proton Collision Data With the ATLAS Detector
12 citations
Journal of High Energy Physics · 2014, 1-54
https://exaly.com/article/57739972

458 Search for Squarks and Gluinos With the ATLAS Detector in Final States With Jets and Missing Transverse Momentum Using s=8 √s=8 TeV Proton-Proton Collision Data
133 citations
Journal of High Energy Physics · 2014, 1-52
https://exaly.com/article/57763544

459 Measurement of the Tt̄ Production Cross-Section Using Eμ Events With b -Tagged Jets in Pp Collisions at √s=7 and 8 TeV With the ATLAS Detector
166 citations
European Physical Journal C · 74, 1-32
https://exaly.com/article/57818468

Ordered by publication year, newest first

2014 / continued

460 Search for Top Squark Pair Production in Final States With One Isolated Lepton, Jets, and Missing Transverse Momentum in s √s = 8 TeV Pp Collisions With the ATLAS Detector
69 citations
Journal of High Energy Physics · 2014, 1-87
https://exaly.com/article/58362724

461 Electron and Photon Energy Calibration With the ATLAS Detector Using LHC Run 1 Data
247 citations
European Physical Journal C · 74, 1-48
https://exaly.com/article/58431467

462 Search for Contact Interactions and Large Extra Dimensions in the Dilepton Channel Using Proton–Proton Collisions at s =√s~= 8 TeV With the ATLAS Detector
50 citations
European Physical Journal C · 74, 1-25
https://exaly.com/article/58431487

463 Measurement of Flow Harmonics With Multi-Particle Cumulants in Pb+Pb Collisions at sNN=2.76√=2.76 TeV With the ATLAS Detector
85 citations
European Physical Journal C · 74, 1-28
https://exaly.com/article/58431494

464 Measurement of Distributions Sensitive to the Underlying Event in Inclusive Z-Boson Production in Pp p p Collisions at √s=7 s = 7 TeV With the ATLAS Detector
51 citations
European Physical Journal C · 74, 1-33
https://exaly.com/article/58431512

465 Search for Direct Pair Production of the Top Squark in All-Hadronic Final States in Proton-Proton Collisions at s √s = 8 TeV With the ATLAS Detector
41 citations
Journal of High Energy Physics · 2014, 1-51
https://exaly.com/article/58443564

466 Measurement of the Production Cross-Section of ψ(2S) → J/ψ(→μ + μ −)π + π − in Pp Collisions at s √s = 7 TeV at ATLAS
22 citations
Journal of High Energy Physics · 2014, 1-49
https://exaly.com/article/58443573

467 Measurement of the Z/γ * Boson Transverse Momentum Distribution in Pp Collisions at s=7 √s=7 TeV With the ATLAS Detector
172 citations
Journal of High Energy Physics · 2014, 1-47
https://exaly.com/article/58443600

Ordered by publication year, newest first

2014 / continued

468 Search for Strong Production of Supersymmetric Particles in Final States With Missing Transverse Momentum and at Least Three b-Jets at s=8 √s = 8 TeV Proton-Proton Collisions With the ATLAS Detector
40 citations
Journal of High Energy Physics · 2014, 1-53
https://exaly.com/article/58443639

469 Measurement of Differential Production Cross-Sections for a Z Boson in Association With b-Jets in 7 TeV Proton-Proton Collisions With the ATLAS Detector
50 citations
Journal of High Energy Physics · 2014, 1-49
https://exaly.com/article/58443747

470 Search for Long-Lived Neutral Particles Decaying Into Lepton Jets in Proton-Proton Collisions at s = 8 √s=8 TeV With the ATLAS Detector
49 citations
Journal of High Energy Physics · 2014, 1-48
https://exaly.com/article/58443864

471 Search for Pair and Single Production of New Heavy Quarks That Decay to a Z Boson and a Third-Generation Quark in Pp Collisions at s=8 √s=8 TeV With the ATLAS Detector
36 citations
Journal of High Energy Physics · 2014, 1-54
https://exaly.com/article/58443878

472 Measurement of the Top Quark Pair Production Charge Asymmetry in Proton-Proton Collisions at √s = 7 TeV Using the ATLAS Detector
43 citations
Journal of High Energy Physics · 2014, 1-38
https://exaly.com/article/58834892

473 Search for the Direct Production of Charginos, Neutralinos and Staus in Final States With at Least Two Hadronically Decaying Taus and Missing Transverse Momentum in Pp Collisions at s=8 √s=8 TeV With the ATLAS Detector
43 citations
Journal of High Energy Physics · 2014, 1-52
https://exaly.com/article/59073624

474 Electron Reconstruction and Identification Efficiency Measurements With the ATLAS Detector Using the 2011 LHC Proton–Proton Collision Data
214 citations
European Physical Journal C · 74, 1-38
https://exaly.com/article/59386005

475 Measurement of the Underlying Event in Jet Events From 7 TeV TeV Proton–Proton Collisions With the ATLAS Detector
33 citations
European Physical Journal C · 74, 1-29
https://exaly.com/article/59386029

Ordered by publication year, newest first

2014 / continued

476 Measurement of the Centrality and Pseudorapidity Dependence of the Integrated Elliptic Flow in Lead–Lead Collisions at sNN=2.76√=2.76 TeV With the ATLAS Detector
26 citations
European Physical Journal C · 74, 1-25
https://exaly.com/article/59386045

477 Light-Quark and Gluon Jet Discrimination in Pp p p Collisions at √s=7 TeV s = 7 TeV With the ATLAS Detector
92 citations
European Physical Journal C · 74, 1-29
https://exaly.com/article/59386086

478 Measurement of the Electroweak Production of Dijets in Association With a Z-Boson and Distributions Sensitive to Vector Boson Fusion in Proton-Proton Collisions at √s = 8 TeV Using the ATLAS Detector
25 citations
Journal of High Energy Physics · 2014, 1-56
https://exaly.com/article/59409317

479 Search for Direct Production of Charginos and Neutralinos in Events With Three Leptons and Missing Transverse Momentum in √s = 8 TeV Pp Collisions With the ATLAS Detector
94 citations
Journal of High Energy Physics · 2014, 1-46
https://exaly.com/article/59409453

480 Measurement of Dijet Cross-Sections in Pp Collisions at 7 TeV Centre-of-Mass Energy Using the ATLAS Detector
42 citations
Journal of High Energy Physics · 2014, 1-67
https://exaly.com/article/59409537

481 Measurement of the Production of a W Boson in Association With a Charm Quark in Pp Collisions at √s = 7 TeV With the ATLAS Detector
63 citations
Journal of High Energy Physics · 2014, 1-67
https://exaly.com/article/59409546

482 Search for Direct Production of Charginos, Neutralinos and Sleptons in Final States With Two Leptons and Missing Transverse Momentum in Pp Collisions at √s = 8TeV With the ATLAS Detector
165 citations
Journal of High Energy Physics · 2014, 1-52
https://exaly.com/article/59409549

483 Search for Supersymmetry at √s = 8 TeV in Final States With Jets and Two Same-Sign Leptons or Three Leptons With the ATLAS Detector
54 citations
Journal of High Energy Physics · 2014, 1-50
https://exaly.com/article/59409665

Ordered by publication year, newest first

2014 / continued

484 Measurement of the Low-Mass Drell-Yan Differential Cross Section at s √s = 7 TeV Using the ATLAS Detector — 30 citations
Journal of High Energy Physics · 2014, 1-46
https://exaly.com/article/59409742

485 Search for Direct Top-Squark Pair Production in Final States With Two Leptons in Pp Collisions at √s = 8 TeV With the ATLAS Detector — 62 citations
Journal of High Energy Physics · 2014, 1-66
https://exaly.com/article/59409754

486 Measurement of χ c1 and χ c2 Production With s √s = 7 TeV Pp Collisions at ATLAS — 43 citations
Journal of High Energy Physics · 2014, 1-52
https://exaly.com/article/59409965

487 Search for Microscopic Black Holes and String Balls in Final States With Leptons and Jets With the ATLAS Detector at s √s = 8 TeV — 10 citations
Journal of High Energy Physics · 2014, 1-48
https://exaly.com/article/59410073

488 Search for New Particles in Events With One Lepton and Missing Transverse Momentum in Pp Collisions at s √s = 8 TeV With the ATLAS Detector — 52 citations
Journal of High Energy Physics · 2014, 1-43
https://exaly.com/article/59410166

489 Search for Direct Top Squark Pair Production in Events With a Z Z Boson, b b -Jets and Missing Transverse Momentum in √s=8 s = 8 TeV Pp p p Collisions With the ATLAS Detector — 56 citations
European Physical Journal C · 74, 1-25
https://exaly.com/article/59520343

2013

490 Measurement of k T Splitting Scales in W→ℓν Events at √s = 7 TeV With the ATLAS Detector — 25 citations
European Physical Journal C · 73, 1-30
https://exaly.com/article/54903280

491 Performance of Jet Substructure Techniques for Large-R Jets in Proton-Proton Collisions at √s=7 TeV Using the ATLAS Detector — 62 citations
Journal of High Energy Physics · 2013, 1-83
https://exaly.com/article/55210041

Ordered by publication year, newest first

2013 / continued

492 Jet Energy Measurement With the ATLAS Detector in Proton-Proton Collisions at √s=7 TeV
328 citations
European Physical Journal C · 73, 1-118
https://exaly.com/article/55224065

493 Single Hadron Response Measurement and Calorimeter Jet Energy Scale Uncertainty With the ATLAS Detector at the LHC
68 citations
European Physical Journal C · 73, 1-34
https://exaly.com/article/56003083

2012

494 Electron Performance Measurements With the ATLAS Detector Using the 2010 LHC Proton-Proton Collision Data
306 citations
European Physical Journal C · 72, 1-46
https://exaly.com/article/53694660

495 Rapidity Gap Cross Sections Measured With the ATLAS Detector in Pp Collisions at √s = 7 \mbox{~TeV}
118 citations
European Physical Journal C · 72, 1-31
https://exaly.com/article/53694668

496 Performance of Missing Transverse Momentum Reconstruction in Proton-Proton Collisions at √s = 7~\mbox{TeV} With ATLAS
286 citations
European Physical Journal C · 72, 1-35
https://exaly.com/article/54313528

497 Performance of the ATLAS Trigger System in 2010
306 citations
European Physical Journal C · 72, 1-61
https://exaly.com/article/54313531

498 Search for Lepton Flavour Violation in the Eμ Continuum With the ATLAS Detector in √s = 7~\mbox{TeV} Pp Collisions at the LHC
14 citations
European Physical Journal C · 72, 1-19
https://exaly.com/article/54683055

2011

499 Measurement of Inclusive Jet and Dijet Cross Sections in Proton-Proton Collisions at 7 TeV Centre-of-Mass Energy With the ATLAS Detector
139 citations
European Physical Journal C · 71, 1-59
https://exaly.com/article/51239365

Ordered by publication year, newest first

2011 / continued

500 Measurement of the Top Quark-Pair Production Cross Section With ATLAS in Pp Collisions at √s=7 TeV — 188 citations
European Physical Journal C · 71, 1-36
https://exaly.com/article/51239430

501 Studies of the Performance of the ATLAS Detector Using Cosmic-Ray Muons — 28 citations
European Physical Journal C · 71, 1-36
https://exaly.com/article/51239446

502 Luminosity Determination in Pp Collisions at √s = 7 TeV Using the ATLAS Detector at the LHC — 210 citations
European Physical Journal C · 71, 1-37
https://exaly.com/article/51239483

503 Measurements of Underlying-Event Properties Using Neutral and Charged Particles in Pp Collisions at √s=900 GeV and √s=7 TeV With the ATLAS Detector at the LHC — 38 citations
European Physical Journal C · 71, 1-24
https://exaly.com/article/51239489

504 Search for an Excess of Events With an Identical Flavour Lepton Pair and Significant Missing Transverse Momentum in √s=7 TeV Proton–Proton Collisions With the ATLAS Detector — 20 citations
European Physical Journal C · 71, 1-18
https://exaly.com/article/51239500

505 Search for Supersymmetric Particles in Events With Lepton Pairs and Large Missing Transverse Momentum in √s=7~\mbox{TeV} Proton–Proton Collisions With the ATLAS Experiment — 43 citations
European Physical Journal C · 71, 1-19
https://exaly.com/article/51239535

506 Limits on the Production of the Standard Model Higgs Boson in Pp Collisions at √s = 7 TeV With the ATLAS Detector — 41 citations
European Physical Journal C · 71, 1-30
https://exaly.com/article/51239579

507 Search for Diphoton Events With Large Missing Transverse Energy With 36 Pb−1 of 7 TeV Proton–Proton Collision Data With the ATLAS Detector — 19 citations
European Physical Journal C · 71, 1-21
https://exaly.com/article/51239595

508 Measurement of Multi-Jet Cross Sections in Proton–Proton Collisions at a 7 TeV Center-of-Mass Energy — 74 citations
European Physical Journal C · 71, 1-27
https://exaly.com/article/51239614

Ordered by publication year, newest first

2011 / continued

509 **Measurement of the Jet Fragmentation Function and Transverse Profile in Proton–Proton Collisions at a Center-of-Mass Energy of 7 TeV With the ATLAS Detector**
82 citations
European Physical Journal C · 71, 1-25
https://exaly.com/article/51239646

510 **Search for a Heavy Neutral Particle Decaying Into an Electron and a Muon Using 1 Fb−1 of ATLAS Data**
16 citations
European Physical Journal C · 71, 1-17
https://exaly.com/article/51239660

511 **Search for Massive Colored Scalars in Four-Jet Final States in √s=7~\mbox{TeV} Proton–Proton Collisions With the ATLAS Detector**
50 citations
European Physical Journal C · 71, 1-19
https://exaly.com/article/51239678

512 **Measurement of the Inclusive and Dijet Cross-Sections of b-Jets in Pp Collisions at √s=7\mbox{~TeV} With the ATLAS Detector**
82 citations
European Physical Journal C · 71, 1-22
https://exaly.com/article/51239692

513 **Measurement of Wγ and Zγ Production in Proton-Proton Collisions at √s = 7 TeV With the ATLAS Detector**
11 citations
Journal of High Energy Physics · 2011, 1-42
https://exaly.com/article/51345899

514 **Inclusive Search for Same-Sign Dilepton Signatures in Pp Collisions at √s = 7 TeV With the ATLAS Detector**
36 citations
Journal of High Energy Physics · 2011, 1-48
https://exaly.com/article/51346075

515 **Search for New Phenomena in Final States With Large Jet Multiplicities and Missing Transverse Momentum Using √s = 7 TeV Pp Collisions With the ATLAS Detector**
65 citations
Journal of High Energy Physics · 2011, 1-38
https://exaly.com/article/51346214

2010

516 **The ATLAS Simulation Infrastructure**
1,521 citations
European Physical Journal C · 70, 823-874
https://exaly.com/article/47760216

517 **Performance of the ATLAS Detector Using First Collision Data**
20 citations
Journal of High Energy Physics · 2010, 1-66
https://exaly.com/article/47815447

Ordered by publication year, newest first

2010 / continued

518 **Measurement of the W → ℓν and Z/γ * → ℓℓ Production Cross Sections in Proton-Proton Collisions at √s = 7TeV With the ATLAS Detector** 64 citations

Journal of High Energy Physics · 2010, 1-65

https://exaly.com/article/47815840

End of list · 518 articles. Citation counts use Exaly's peer-reviewed cohort.