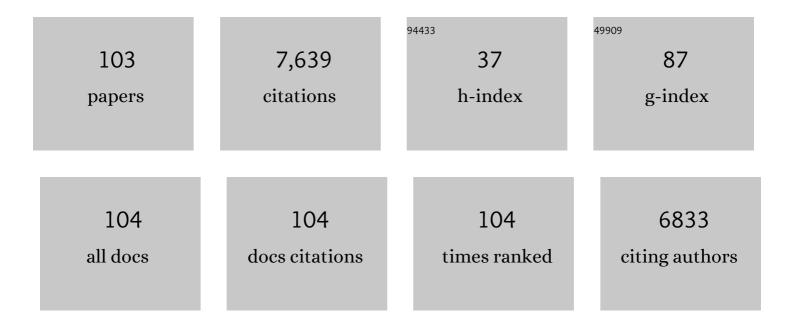
List of Publications by Year in descending order

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SUSANNE

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874. | 3.9 | 1,187 |
| 2 | ATLAS pixel detector electronics and sensors. Journal of Instrumentation, 2008, 3, P07007-P07007. | 1.2 | 494 |
| 3 | Performance of the ATLAS trigger system in 2015. European Physical Journal C, 2017, 77, 317. | 3.9 | 489 |
| 4 | Muon reconstruction performance of the ATLAS detector in proton–proton collision data at \$\$sqrt{s}\$\$ s =13ÂTeV. European Physical Journal C, 2016, 76, 292. | 3.9 | 453 |
| 5 | Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490. | 3.9 | 325 |
| 6 | Performance of pile-up mitigation techniques for jets in \$\$pp\$\$ p p collisions at \$\$sqrt{s}=8\$\$. European Physical Journal C, 2016, 76, 581. | 3.9 | 298 |
| 7 | Luminosity determination in pp collisions at \$\$sqrt{s}\$\$ s = 8 TeV using the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 653. | 3.9 | 279 |
| 8 | Jet energy measurement and its systematic uncertainty in proton–proton collisions at \$\$sqrt{s}=7\$\$ s = 7 ÅTeV with the ATLAS detector. European Physical Journal C, 2015, 75, 17. | 3.9 | 268 |
| 9 | Production and integration of the ATLAS Insertable B-Layer. Journal of Instrumentation, 2018, 13, T05008-T05008. | 1.2 | 260 |
| 10 | Performance of the ATLAS Trigger System in 2010. European Physical Journal C, 2012, 72, 1. | 3.9 | 259 |
| 11 | Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton–proton collision data. European Physical Journal C, 2014, 74, 3130. | 3.9 | 213 |
| 12 | Performance of missing transverse momentum reconstruction with the ATLAS detector using proton–proton collisions at \$\$sqrt{s}=13~hbox {TeV}\$\$ s = 13 TeV. European Physical Journal C, 2018, 78, 903. | 3.9 | 181 |
| 13 | Jet reconstruction and performance using particle flow with the ATLAS Detector. European Physical Journal C, 2017, 77, 466. | 3.9 | 145 |
| 14 | Precision measurement and interpretation of inclusive \$\$W^+\$\$ W + , \$\$W^-\$\$ W European Physical Journal C, 2017, 77, 367. | 3.9 | 145 |
| 15 | Measurement of the $Z \hat{I}^3$ * boson transverse momentum distribution in pp collisions at s = 7 \$\$ sqrt{s}=7 \$\$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 131 |
| 16 | ATLAS b-jet identification performance and efficiency measurement with \$\$t{ar{t}}\$\$ events in pp collisions at \$\$sqrt{s}=13\$\$ÂTeV. European Physical Journal C, 2019, 79, 1. | 3.9 | 130 |
| 17 | Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at \$\$sqrt{s}=8,~{mathrm {TeV}}\$\$ s = 8 TeV using the ATLAS detector. European Physical Journal C, 2016, 76, 538. | 3.9 | 115 |
| 18 | Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1. | 3.9 | 93 |

SUSANNE

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Muon reconstruction and identification efficiency in ATLAS using the full Run 2 pp collision data set at \$\$sqrt{s}=13\$\$ TeV. European Physical Journal C, 2021, 81, 1. | 3.9 | 82 |
| 20 | Search for dark matter at \$\$sqrt{s}=13~mathrm{TeV}\$\$ s = 13 TeV in final states containing an energetic photon and large missing transverse momentum with the ATLAS detector. European Physical Journal C, 2017, 77, 393. | 3.9 | 80 |
| 21 | Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC proton–proton collision data at \$\$sqrt{s} = 13\$\$Â\$\$ext {TeV}\$\$. European Physical Journal C, 2019, 79, 1. | 3.9 | 77 |
| 22 | Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. European Physical Journal C, 2017, 77, 673. | 3.9 | 75 |
| 23 | Measurement of the inclusive and dijet cross-sections of b-jets in pp collisions at \$sqrt{s}=7mbox{~TeV}\$ with the ATLAS detector. European Physical Journal C, 2011, 71, 1. | 3.9 | 73 |
| 24 | Reconstruction of primary vertices at the ATLAS experiment in Run 1 proton–proton collisions at the LHC. European Physical Journal C, 2017, 77, 332. | 3.9 | 71 |
| 25 | Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at \$\$sqrt{s}=8\$\$ s = 8 \$\$,hbox {TeV}\$\$ TeV. European Physical Journal C, 2015, 75, 303. | 3.9 | 70 |
| 26 | Jet energy scale and resolution measured in proton–proton collisions at \$\$sqrt{s}=13\$\$ÂTeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1. | 3.9 | 64 |
| 27 | Prompt and non-prompt \$\$J/psi \$\$ J / Ï^ and \$\$psi (2mathrm {S})\$\$ Ï^ (2 S) suppression at high transverse momentum in \$\$5.02~mathrm {TeV}\$\$ 5.02 TeV Pb+Pb collisions with the ATLAS experiment. European Physical Journal C, 2018, 78, 762. | 3.9 | 61 |
| 28 | Search for pair production of Higgs bosons in the \$\$ boverline{b}boverline{b} \$\$ final state using proton-proton collisions at \$\$ sqrt{s}=13 \$\$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 55 |
| 29 | Performance of jet substructure techniques for large-R jets in proton-proton collisions at \$ sqrt{s}=7 \$ TeV using the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 52 |
| 30 | Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. European Physical Journal C, 2016, 76, 295. | 3.9 | 50 |
| 31 | Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run 2 data collected in 2015 and 2016. European Physical Journal C, 2019, 79, 1. | 3.9 | 46 |
| 32 | Search for charged Higgs bosons decaying into a top quark and a bottom quark at \$\$ sqrt{mathrm{s}} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 46 |
| 33 | Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 1. | 3.9 | 45 |
| 34 | Search for supersymmetry at \$sqrt{s}\$ = 8 TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 45 |
| 35 | Performance of top-quark and \$\$varvec{W}\$\$ W -boson tagging with ATLAS in Run 2 of the LHC. European Physical Journal C, 2019, 79, 1. | 3.9 | 42 |
| 36 | Measurements of b-jet tagging efficiency with the ATLAS detector using \$\$ toverline{t} \$\$ events at \$\$ sqrt{s}=13 \$\$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 40 |

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| 37 | Search for heavy resonances decaying into a pair of Z bosons in the \$\$ell ^+ell ^-ell '^+ell '^-\$\$ and \$\$ell ^+ell ^-u {{ar{u }}}\$\$ final states using 139 \$\$mathrm {fb}^{-1}\$\$ of proton–proton collisions at \$\$sqrt{s} = 13,\$\$TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1. | 3.9 | 40 |
| 38 | Electron and photon energy calibration with the ATLAS detector using 2015–2016 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P03017-P03017. | 1.2 | 37 |
| 39 | Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fbâ^'1 of \$\$ sqrt{s} \$\$ = 13 TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 37 |
| 40 | Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in \$\$ sqrt{s} \$\$ = 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 36 |
| 41 | Search for a scalar partner of the top quark in the all-hadronic \$\$t{ar{t}}\$\$ plus missing transverse momentum final state at \$\$sqrt{s}=13\$\$ÂTeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1. | 3.9 | 36 |
| 42 | Measurement of the inclusive jet cross-section in proton-proton collisions at s = 7 \$\$ sqrt{s}=7 \$\$ TeV using 4.5 fbâ^'1 of data with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 35 |
| 43 | Measurements of top-quark pair differential and double-differential cross-sections in the \$\$ell \$\$+jets channel with pp collisions at \$\$sqrt{s}=13\$\$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1. | 3.9 | 34 |
| 44 | Search for new phenomena in events with same-charge leptons and b-jets in pp collisions at \$\$ sqrt{s}=13 \$\$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 30 |
| 45 | Evidence for \$\$tar{t}tar{t}\$\$ production in the multilepton final state in proton–proton collisions at \$\$sqrt{s}=13\$\$Â\$\$ext {TeV}\$\$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1. | 3.9 | 30 |
| 46 | A measurement of the calorimeter response to single hadrons and determination of the jet energy scale uncertainty using LHC Run-1 pp-collision data with the ATLAS detector. European Physical Journal C, 2017, 77, 26. | 3.9 | 29 |
| 47 | Measurement of the Drell-Yan triple-differential cross section in pp collisions at s = 8 \$\$ sqrt{s}=8 \$\$ TeV. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 28 |
| 48 | Search for chargino–neutralino pair production in final states with three leptons and missing transverse momentum in \$\$sqrt{s} = 13\$\$ÂTeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1. | 3.9 | 28 |
| 49 | Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a Ï"-lepton in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 27 |
| 50 | Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the \$\$ell ell bb\$\$ and \$\$ell ell WW\$\$ final states in pp collisions at \$\$sqrt{s}=13\$\$Â\$\$ext {TeV}\$\$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1. | 3.9 | 26 |
| 51 | Measurement of the cross-section and charge asymmetry of W bosons produced in proton–proton collisions at \$\$sqrt{s}=8~ext {TeV}\$\$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1. | 3.9 | 24 |
| 52 | Measurement of the inclusive jet cross-sections in proton-proton collisions at s = 8 \$\$ sqrt{s}=8 \$\$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 23 |
| 53 | Search for doubly and singly charged Higgs bosons decaying into vector bosons in multi-lepton final states with the ATLAS detector using proton-proton collisions at \$\$ sqrt{mathrm{s}} \$\$ = 13 TeV. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 23 |
| 54 | AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1. | 2.9 | 23 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Search for new phenomena in events with two opposite-charge leptons, jets and missing transverse momentum in pp collisions at \$\$ sqrt{mathrm{s}} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 22 |
| 56 | The performance of the jet trigger for the ATLAS detector during 2011 data taking. European Physical Journal C, 2016, 76, 526. | 3.9 | 21 |
| 57 | Search for the Standard Model Higgs boson decaying into b b \hat{A}^- \$\$ boverline{b} \$\$ produced in association with top quarks decaying hadronically in pp collisions at s = 8 \$\$ sqrt{s}=8 \$\$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 21 |
| 58 | Measurement of k T splitting scales in W→â,,"ν events at \$sqrt{s} = 7 mathrm{TeV}\$ with the ATLAS detector. European Physical Journal C, 2013, 73, 2432. | 3.9 | 19 |
| 59 | Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fbâ^'1 of data collected with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 19 |
| 60 | Search for dark matter in association with an energetic photon in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 18 |
| 61 | Search for pair production of scalar leptoquarks decaying into first- or second-generation leptons and top quarks in proton–proton collisions at \$\$sqrt{s}\$\$ = 13ÂTeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1. | 3.9 | 18 |
| 62 | Search for new phenomena in final states with b-jets and missing transverse momentum in \$\$ sqrt{mathrm{s}} \$\$ = 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 18 |
| 63 | Measurement of inclusive jet and dijet cross-sections in proton-proton collisions at \$\$ sqrt{s}=13 \$\$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 17 |
| 64 | Performance of the missing transverse momentum triggers for the ATLAS detector during Run-2 data taking. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 17 |
| 65 | Search for the HH → \$\$ boverline{b}boverline{b} \$\$ process via vector-boson fusion production using proton-proton collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 17 |
| 66 | Measurement of differential cross sections and W+/Wâ^' cross-section ratios for W boson production in association with jets at \$\$ sqrt{s}=8 \$\$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 16 |
| 67 | Optimisation of large-radius jet reconstruction for the ATLAS detector in 13ÂTeV proton–proton collisions. European Physical Journal C, 2021, 81, 1. | 3.9 | 15 |
| 68 | Determination of jet calibration and energy resolution in proton–proton collisions at \$\$sqrt{s} = 8~hbox {TeV}\$\$ using the ATLAS detector. European Physical Journal C, 2020, 80, 1. | 3.9 | 15 |
| 69 | Search for new phenomena with top quark pairs in final states with one lepton, jets, and missing transverse momentum in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 14 |
| 70 | Measurements of Higgs bosons decaying to bottom quarks from vector boson fusion production with the ATLAS experiment at \$\$sqrt{s}=13,ext {TeV}\$\$. European Physical Journal C, 2021, 81, 1. | 3.9 | 14 |
| 71 | Measurements of top-quark pair single- and double-differential cross-sections in the all-hadronic channel in pp collisions at \$\$ sqrt{mathrm{s}} \$\$ = 13 TeV using the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 14 |
| 72 | Measurement of the c-jet mistagging efficiency in \$\$tar{t}\$\$Âevents using pp collision data at \$\$sqrt{s}=13\$\$Â\$\$ext {TeV}\$\$ collected with the ATLAS detector. European Physical Journal C, 2022, 82, . | 3.9 | 14 |

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|----|---|-----|-----------|
| 73 | Search for squarks and gluinos in final states with one isolated lepton, jets, and missing transverse momentum at \$\$sqrt{s}=13\$\$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1. | 3.9 | 13 |
| 74 | Observation of the associated production of a top quark and a Z boson in pp collisions at \$\$ sqrt{s} \$\$= 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 12 |
| 75 | Search for supersymmetry in events with four or more charged leptons in 139 fbâ^'1 of \$\$ sqrt{s} \$\$ = 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 12 |
| 76 | Measurements of the inclusive and differential production cross sections of a top-quark–antiquark pair in association with a ZÂboson at \$\$sqrt{s} = 13\$\$ÂTeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1. | 3.9 | 12 |
| 77 | Search for dark matter in events with missing transverse momentum and a Higgs boson decaying into two photons in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 12 |
| 78 | Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1. | 3.9 | 12 |
| 79 | Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at \$\$sqrt{s} = 7\$\$, 8 and 13ÂTeV. European Physical Journal C, 2022, 82, 1. | 3.9 | 12 |
| 80 | Measurements of the production cross-section for a Z boson in association with b-jets in proton-proton collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 11 |
| 81 | Determination of the parton distribution functions of the proton from ATLAS measurements of differential WA [±] and Z boson production in association with jets. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 10 |
| 82 | Measurement of the t\$\$ overline{t} \$\$t\$\$ overline{t} \$\$ production cross section in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 10 |
| 83 | Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with 139 fbâ~1 of pp collision data at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1. | 4.7 | 10 |
| 84 | Search for dark matter produced in association with a Standard Model Higgs boson decaying into b-quarks using the full Run 2 dataset from the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 10 |
| 85 | Measurement of the inclusive cross-section for the production of jets in association with a Z boson in proton–proton collisions at 8ÂTeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1. | 3.9 | 9 |
| 86 | Measurements of W+Wâ^'+ ≥ 1 jet production cross-sections in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 8 |
| 87 | Measurements of differential cross-sections in four-lepton events in 13 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 8 |
| 88 | 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 13Â\$\$ext {TeV}\$\$ with the ATLAS detector. European Physical Journal C, 2022, 82, 1. | 3.9 | 8 |
| 89 | Search for R-parity-violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment using \$\$sqrt{s} = 13hbox { TeV}\$\$ proton–proton collision data. European Physical Journal C, 2021, 81, 1. | 3.9 | 7 |
| 90 | Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1. | 3.9 | 7 |

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|-----|---|-----|-----------|
| 91 | Search for flavour-changing neutral-current interactions of a top quark and a gluon in pp collisions at \$\$sqrt{s}=13\$\$ÂTeV with the ATLAS detector. European Physical Journal C, 2022, 82, . | 3.9 | 7 |
| 92 | Measurement of the ratio of cross sections for inclusive isolated-photon production in pp collisions at \$\$ sqrt{s} \$\$ = 13 and 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 6 |
| 93 | Search for Higgs boson production in association with a high-energy photon via vector-boson fusion with decay into bottom quark pairs at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 6 |
| 94 | Performance of the ATLAS Level-1 topological trigger in RunÂ2. European Physical Journal C, 2022, 82, 1. | 3.9 | 6 |
| 95 | A search for the decays of stopped long-lived particles at \$\$ sqrt{mathrm{s}} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 5 |
| 96 | The ATLAS inner detector trigger performance in pp collisions at 13ÂTeV during LHC Run 2. European Physical Journal C, 2022, 82, 1. | 3.9 | 5 |
| 97 | Measurement of the energy response of the ATLASÂcalorimeter to chargedÂpions from \$\$W^{pm }ightarrow au ^{pm }(ightarrow pi ^{pm }u _{au })u _{au }\$\$ events in RunÂ2 data. European Physical Journal C, 2022, 82, 1. | 3.9 | 4 |
| 98 | Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 4 |
| 99 | Search for exotic decays of the Higgs boson into long-lived particles in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV using displaced vertices in the ATLAS inner detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 4 |
| 100 | Measurement of the inclusive jet cross-section in proton-proton collisions at (sqrt{s}=7) TeV using 4.5 fbâ^'1 of data with the ATLAS detector. , 2015, 2015, 1. | | 3 |
| 101 | Measurement of b-quark fragmentation properties in jets using the decay B± → J/ľ K± in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 3 |
| 102 | Search for exotic decays of the Higgs boson into b\$\$ overline{b} \$\$ and missing transverse momentum in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, 1. | 4.7 | 2 |
| 103 | Measurement of the energy asymmetry in \$\$t{ar{t}}j\$\$ production at \$\$13,\$\$TeV with the ATLAS experiment and interpretation in the SMEFT framework. European Physical Journal C, 2022, 82, . | 3.9 | 2 |