Sai Neha Santpur

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/702341/publications.pdf

Version: 2024-02-01

108 papers 2,292 citations

218677 26 h-index 289244 40 g-index

118 all docs

 $\frac{118}{\rm docs\,citations}$

118 times ranked

5454 citing authors

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | ATLAS b-jet identification performance and efficiency measurement with $far{t}$ events in pp collisions at $far{s}=13$ | 3.9 | 130 |
| 2 | Search for electroweak production of charginos and sleptons decaying into final states with two leptons and missing transverse momentum in $\frac{1}{2} = 13$ \$\frac{1}{2}\$\$. TeV\\$\$ pp collisions using the ATLAS detector. European Physical Journal C, 2020, 80, 1. | 3.9 | 124 |
| 3 | Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1. | 3.9 | 93 |
| 4 | Muon reconstruction and identification efficiency in ATLAS using the full Run 2 pp collision data set at $s=13$ TeV. European Physical Journal C, 2021, 81, 1. | 3.9 | 82 |
| 5 | Search for new resonances in mass distributions of jet pairs using 139 fbâ''1 of pp collisions at \$\$ $ \sqrt{mathrm{s}} $ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 68 |
| 6 | 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 |
| 7 | Search for heavy neutral leptons in decays of W bosons produced in 13 TeV pp collisions using prompt and displaced signatures with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 50 |
| 8 | Constraints on mediator-based dark matter and scalar dark energy models using $\$\$$ sqrt $\$\$$ = 13 TeV pp collision data collected by the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 49 |
| 9 | 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 |
| 10 | Higgs boson production cross-section measurements and their EFT interpretation in the \$\$4ell \$\$ decay channel at \$\$sqrt{s}=\$\$13ÂTeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1. | 3.9 | 41 |
| 11 | Search for heavy resonances decaying into a pair of Z bosons in the \$\$ell ^+ell ^-ell '^-\$\$ and \$\$ell ^+ell ^-u { $ar{u }}$ \$\$ final states using 139 \$\$mathrm {fb}^{-1}\$\$ of protonâ e "proton collisions at \$\$sqrt{s} = 13,\$\$TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1. | 3.9 | 40 |
| 12 | Measurements of WH and ZH production in the $\$H$ ightarrow bar $\{b\}$ \$ decay channel in pp collisions at $\$\13 ,ext $\{Te\}$ ext $\{V\}$ \$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1. | 3.9 | 38 |
| 13 | Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fba^1 of $\$$ sqrt{s} $\$$ = 13 TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 37 |
| 14 | Measurement of flow harmonics correlations with mean transverse momentum in leadâ \in "lead and protonâ \in "lead collisions atÂ\$\$sqrt{s_{mathrm{NN}}} = 5.02~hbox {TeV}\$\$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1. | 3.9 | 36 |
| 15 | 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 |
| 16 | Search for a scalar partner of the top quark in the all-hadronic $f(x)$ plus missing transverse momentum final state at $f(x)$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1. | 3.9 | 36 |
| 17 | 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 |
| 18 | Search for direct production of electroweakinos in final states with one lepton, missing transverse momentum and a Higgs boson decaying into two b-jets in $points 0.00000000000000000000000000000000000$ | 3.9 | 34 |

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|----|--|-----|-----------|
| 19 | Measurements of the Higgs boson inclusive and differential fiducial cross sections in the 4\$\$ell \$\$ decay channel at \$\$sqrt{s}\$\$ = 13 TeV. European Physical Journal C, 2020, 80, 1. | 3.9 | 32 |
| 20 | Searches for third-generation scalar leptoquarks in $\$\$ $ sqrt $\{\$\}$ $\$\$ = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 30 |
| 21 | Evidence for \$\$tar{t}\$tar{t}\$\$ production in the multilepton final state in proton–proton collisions at \$\$\$qrt{s}=13\$\$Â\$\$ext {TeV}\$\$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1. | 3.9 | 30 |
| 22 | Search for heavy diboson resonances in semileptonic final states in pp collisions at \$\$sqrt{s}=13\$\$ÂTeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1. | 3.9 | 29 |
| 23 | Search for long-lived neutral particles in pp collisions at $\{s = 13-\{ext \{TeV\}\}\}\$ that decay into displaced hadronic jets in the ATLAS calorimeter. European Physical Journal C, 2019, 79, 1. | 3.9 | 28 |
| 24 | Fluctuations of anisotropic flow in Pb+Pb collisions at $\$$ sqrt{{mathrm{s}}_{mathrm{NN}}} $\$$ = 5.02 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 28 |
| 25 | Measurement of the transverse momentum distribution of Drell–Yan lepton pairs in proton–proton collisions at \$\$sqrt{s}=13,\$\$TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1. | 3.9 | 28 |
| 26 | Search for charginoâ \in "neutralino pair production in final states with three leptons and missing transverse momentum in $\$$ qut $\{s\} = 13\$$ ATeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1. | 3.9 | 28 |
| 27 | Measurement of the top-quark mass in $$$ toverline ${t}$ $$$ + 1-jet events collected with the ATLAS detector in pp collisions at $$$ sqrt ${s}$ $$$ = 8 TeV. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 27 |
| 28 | Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a $\ddot{I}_{,-}$ -lepton in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 27 |
| 29 | 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 $\$$ qrt $\{s\}=13\$$ \$\$\$ext {TeV}\$\$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1. | 3.9 | 26 |
| 30 | 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 |
| 31 | Measurement of fiducial and differential W^+W^- production cross-sections at $$$ sqrt $s=13$ \$\$ÂTeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1. | 3.9 | 24 |
| 32 | Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 24 |
| 33 | 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 |
| 34 | AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1. | 2.9 | 23 |
| 35 | Measurements of top-quark pair spin correlations in the $\$$ -emu $\$$ channel at $\$$ -sqrt $\{s\}$ = 13 $\$$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1. | 3.9 | 22 |
| 36 | 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 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Identification of boosted Higgs bosons decaying into b-quark pairs with the ATLAS detector at 13Â\$\$ext {TeV}\$\$. European Physical Journal C, 2019, 79, . | 3.9 | 21 |
| 38 | Search for light long-lived neutral particles produced in pp collisions at $\$$ sqrt $\{s\}$ = 13-mathrm $\{TeV\}$ \$\$ and decaying into collimated leptons or light hadrons with the ATLAS detector. European Physical Journal C, 2020, 80, 1. | 3.9 | 21 |
| 39 | Search for diboson resonances in hadronic final states in 139 fba $^{\circ}$ 1 of pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 20 |
| 40 | 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 |
| 41 | Measurement of light-by-light scattering and search for axion-like particles with 2.2 nbâ^1 of Pb+Pb data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 19 |
| 42 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | Measurement of $\W^pm $ \$ boson production in Pb+Pb collisions at $\S^m = 5.02$ -ext {Te}ext {V}\$\$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1. | 3.9 | 17 |
| 46 | 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 |
| 47 | Search for the HH \hat{a} † \$\$ 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 |
| 48 | Search for type-III seesaw heavy leptons in dilepton final states in pp collisions at $\$\$$ sqrt $\{\$\}$ = 13, $\{\texttt{ext} \{\texttt{TeV}\}\}$ \$\$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1. | 3.9 | 17 |
| 49 | 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 |
| 50 | Measurement of VH, $\$$ mathrm{H}o mathrm{b}overline{mathrm{b}} $\$$ production as a function of the vector-boson transverse momentum in 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 14 |
| 51 | Search for bottom-squark pair production with the ATLAS detector in final states containing Higgs bosons, b-jets and missing transverse momentum. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 14 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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 |

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|----|--|-----|-----------|
| 55 | Search for $\$$ toverline{t} $\$$ resonances in fully hadronic final states in pp collisions at $\$$ sqrt{s} $\$$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 14 |
| 56 | Measurement of the c-jet mistagging efficiency in $\frac{1}{s}$ events using pp collision data at $\frac{1}{s}=13$ \hat{A} ext TeV collected with the ATLAS detector. European Physical Journal C, 2022, 82, . | 3.9 | 14 |
| 57 | Measurement of jet-substructure observables in top quark, W boson and light jet production in proton-proton collisions at $\$$ sqrt $\{s\}$ $\$$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 13 |
| 58 | 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 |
| 59 | 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 |
| 60 | Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $\$$ sqrt{s} $\$$ = 13 TeV proton-proton collisions recorded by ATLAS in Run 2 of the LHC. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 12 |
| 61 | Transverse momentum and process dependent azimuthal anisotropies in $\frac{s_{\text{mathrm}}}{8NN}=8.16$ ATEV p+Pb collisions with the ATLAS detector. European Physical Journal C, 2020, 80, 1. | 3.9 | 12 |
| 62 | Differential cross-section measurements for the electroweak production of dijets in association with a Z boson in proton–proton collisions at ATLAS. European Physical Journal C, 2021, 81, 1. | 3.9 | 12 |
| 63 | Search for supersymmetry in events with four or more charged leptons in 139 fba 1 of \$\$ sqrt{s} \$\$ = 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 12 |
| 64 | Measurements of the inclusive and differential production cross sections of a top-quark $\hat{a}\in \hat{a}$ antiquark pair in association with a Z \hat{a} boson at $\hat{a}=13$ \$ $\hat{a}=13$ 0 with the ATLAS detector. European Physical Journal C, 2021, 81, 1. | 3.9 | 12 |
| 65 | 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 |
| 66 | Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1. | 3.9 | 12 |
| 67 | 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 |
| 68 | 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 |
| 69 | Determination of the parton distribution functions of the proton from ATLAS measurements of differential W± and Z boson production in association with jets. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 10 |
| 70 | Measurement of the t \$ overline{t} t \$ overline{t} \$\$ production cross section in pp collisions at \$\$ t \$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 10 |
| 71 | 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 $^{\circ}$ 1 of pp collision data at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1. | 4.7 | 10 |
| 72 | 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 |

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| 73 | 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 |
| 74 | Measurement of the $Z(\hat{a}^{\dagger}, \hat{a}, \hat{a}^{\dagger}, \hat{a}^{\dagger})\hat{a}$ production cross-section in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1. | e 4.7 | 9 |
| 7 5 | Search for dark matter produced in association with a single top quark in \$\$sqrt{s}=13\$\$ÂTeV \$\$pp\$\$ collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1. | 3.9 | 9 |
| 76 | Measurement of $\$W^{pm}$ \\$-boson and Z-boson production cross-sections in pp collisions at $\$sqrt^{s}=2.76\$$ ATeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1. | 3.9 | 8 |
| 77 | Measurement of differential cross sections for single diffractive dissociation in $\$\$ $ sqrt $\{s\}$ $\$\$ = 8$ TeV pp collisions using the ATLAS ALFA spectrometer. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 8 |
| 78 | Measurements of W+W \hat{a} '+ \hat{a} %¥ 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 |
| 79 | 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 |
| 80 | Reconstruction and identification of boosted di-Ï,, systems in a search for Higgs boson pairs using 13 TeV proton-proton collision data in ATLAS. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 8 |
| 81 | 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 |
| 82 | Search for dijet resonances in events with an isolated charged lepton using \$\$ sqrt{s} \$\$ = 13 TeV proton-proton collision data collected by the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 7 |
| 83 | 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 |
| 84 | Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1. | 3.9 | 7 |
| 85 | 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 |
| 86 | 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 |
| 87 | Measurement of ZZ production in the â, "â, " $\hat{1}/2\hat{1}/2$ final state with the ATLAS detector in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 6 |
| 88 | 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 |
| 89 | Performance of the ATLAS Level-1 topological trigger in RunÂ2. European Physical Journal C, 2022, 82, 1. | 3.9 | 6 |
| 90 | 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 |

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|-----|--|-----|-----------|
| 91 | Search for phenomena beyond the Standard Model in events with large b-jet multiplicity using the ATLAS detector at the LHC. European Physical Journal C, 2021, 81, 1. | 3.9 | 5 |
| 92 | Measurement of the inclusive isolated-photon cross section in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV using 36 fba^1 of ATLAS data. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 5 |
| 93 | 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 |
| 94 | Search for excited electrons singly produced in proton–proton collisions at \$\$sqrt{s} ~=~13~ext {Te}ext {V}\$\$ with the ATLAS experiment at the LHC. European Physical Journal C, 2019, 79, . | 3.9 | 4 |
| 95 | Search for direct production of electroweakinos in final states with missing transverse momentum and a Higgs boson decaying into photons in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 4 |
| 96 | Measurement of hadronic event shapes in high-pT multijet final states at $\$$ sqrt $\{s\}$ $\$$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 4 |
| 97 | Search for top squarks in events with a Higgs or Z boson using $139 \text{ Âfb} $ of pp collision data at \$\$sqrt{s}=13\$\$ ATeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1. | 3.9 | 4 |
| 98 | Measurement of K_S^0 and L and L and L and L are a full strict of the collisions at L are a full strict of the collisions at L and L are a full strict of the collisions at L and L are a full strict of the collisions at L and L are the collisions at L are the collisions at L and L are the collisions at L are the collisions at L and L are the | 3.9 | 4 |
| 99 | Measurement of the energy response of the ATLASÂcalorimeter to chargedÂpions from $\W^{pm} $ ightarrow au $^{pm} $ (ightarrow pi $^{pm} $ $_{au} $)u $_{au} $ events in RunÂ2 data. European Physical Journal C, 2022, 82, 1. | 3.9 | 4 |
| 100 | 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 |
| 101 | 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 |
| 102 | Measurement of distributions sensitive to the underlying event in inclusive Z boson production in pp collisions at $\$$ sqrt $\{s\}$ \$\$ = 13 TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1. | 3.9 | 3 |
| 103 | Measurements of inclusive and differential cross-sections of combined \$\$ toverline{t}gamma \$\$ and $tW\hat{l}^3$ production in the $e\hat{l}^1\!\!/\!\!4$ channel at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 3 |
| 104 | Measurement of isolated-photon plus two-jet production in pp collisions at $\$\$ $ sqrt $\{s\}$ $\$\$ = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 3 |
| 105 | Measurement of single top-quark production in association with a W boson in the single-lepton channel at $s=0.21,81$, with the ATLAS detector. European Physical Journal C, 2021, 81, 1. | 3.9 | 3 |
| 106 | Measurement of b-quark fragmentation properties in jets using the decay $B\hat{A}\pm\hat{a}\uparrow'J/\hat{\Gamma}K\hat{A}\pm\hat{n}$ in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 3 |
| 107 | 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 |
| 108 | Measurement of the energy asymmetry in $f(x)$ production at $f(x)$ production at $f(x)$ with the ATLAS experiment and interpretation in the SMEFT framework. European Physical Journal C, 2022, 82, . | 3.9 | 2 |