

# Angel Campoverde

## List of Publications by Year in descending order

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266  
papers

15,074  
citations

14655

66  
h-index

28297

105  
g-index

276  
all docs

276  
docs citations

276  
times ranked

8947  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                                              | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Measurement of single top-quark production in association with a W boson in the single-lepton channel at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.                                                                       | 3.9 | 3         |
| 2  | Search for direct production of electroweakinos in final states with one lepton, missing transverse momentum and a Higgs boson decaying into two b-jets in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1. | 3.9 | 34        |
| 3  | Measurements of top-quark pair spin correlations in the $e\mu$ channel at $\sqrt{s} = 13$ TeV using $pp$ collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.                                                                                 | 3.9 | 22        |
| 4  | 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        |
| 5  | Search for doubly charged scalar bosons decaying into same-sign W boson pairs with the ATLAS detector. European Physical Journal C, 2019, 79, 58.                                                                                                                    | 3.9 | 61        |
| 6  | Measurement of $W^{\pm}$ -boson and Z-boson production cross-sections in $pp$ collisions at $\sqrt{s} = 2.76$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.                                                                                 | 3.9 | 8         |
| 7  | Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in $36 \text{ fb}^{-1}$ of $pp$ collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.                | 4.7 | 116       |
| 8  | Measurement of the cross-section for producing a W boson in association with a single top quark in $pp$ collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with ATLAS. Journal of High Energy Physics, 2018, 2018, 1.                                                  | 4.7 | 17        |
| 9  | Measurement of the W-boson mass in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 110.                                                                                                                        | 3.9 | 218       |
| 10 | Search for new phenomena in high-mass final states with a photon and a jet from $pp$ collisions at $\sqrt{s} = s$ . European Physical Journal C, 2018, 78, 102.                                                                                                      | 3.9 | 13        |
| 11 | Search for the direct production of charginos and neutralinos in final states with tau leptons in $\sqrt{s} = 13$ TeV $pp$ collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 154.                                                           | 3.9 | 52        |
| 12 | Measurement of longitudinal flow decorrelations in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.0. European Physical Journal C, 2018, 78, 142.                                                                                                                   | 3.9 | 59        |
| 13 | Measurement of quarkonium production in proton–lead and proton–proton collisions at $5.02 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2018, 78, 171.                                                                                          | 3.9 | 75        |
| 14 | Measurement of differential cross-sections of a single top quark produced in association with a W boson at $\sqrt{s} = 13$ TeV with ATLAS. European Physical Journal C, 2018, 78, 186.                                                                               | 3.9 | 20        |
| 15 | Search for heavy ZZ resonances in the $e^+e^-e^+e^-$ , $e^+e^-e^+e^-$ and $e^+e^-e^+e^-$ final states using proton–proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 293.                                     | 3.9 | 101       |
| 16 | A search for pair-produced resonances in four-jet final states at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 250.                                                                                                           | 3.9 | 66        |
| 17 | Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in $36 \text{ fb}^{-1}$ of $\sqrt{s} = 13$ TeV $pp$ collisions with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.            | 4.7 | 40        |
| 18 | Search for heavy resonances decaying into WW in the $e^+e^-e^+e^-$ final state in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 24.                                                                         | 3.9 | 108       |

| #  | ARTICLE                                                                                                                                                                                                                                                                | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Direct top-quark decay width measurement in the $\mathbf{\vec{t}} t \hat{A}^-$ lepton+jets channel at $\sqrt{s}=8 \text{ TeV}$ with the ATLAS experiment. European Physical Journal C, 2018, 78, 129.                                                                  | 3.9 | 17        |
| 20 | Search for $W W/Z$ resonance production in $\hat{q}\hat{q}$ final states in pp collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.                                                                         | 4.7 | 31        |
| 21 | Measurement of the Higgs boson coupling properties in the $H \hat{A}^0 \rightarrow \hat{A}^0 4\hat{A}^0$ decay channel at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.                                            | 4.7 | 46        |
| 22 | Prompt and non-prompt $J/\psi$ elliptic flow in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2018, 78, 784.                                                                                            | 3.9 | 19        |
| 23 | Search for Higgs boson pair production in the $\gamma\gamma WW^* \rightarrow WW$ channel using pp collision data recorded at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2018, 78, 1007.                                           | 3.9 | 53        |
| 24 | Measurement of colour flow using jet-pull observables in $t\bar{t}$ events with the ATLAS experiment at $\sqrt{s}=13 \text{ TeV}$ . European Physical Journal C, 2018, 78, 847.                                                                                        | 3.9 | 16        |
| 25 | Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in $36 \text{ fb}^{-1}$ of pp collisions at. European Physical Journal C, 2018, 78, 401.                                                                           | 3.9 | 50        |
| 26 | Measurement of the azimuthal anisotropy of charged particles produced in $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ Pb+Pb collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 997.                                                                      | 3.9 | 51        |
| 27 | Performance of missing transverse momentum reconstruction with the ATLAS detector using proton-proton collisions at $\sqrt{s}=13 \text{ TeV}$ . European Physical Journal C, 2018, 78, 903.                                                                            | 3.9 | 181       |
| 28 | Search for electroweak production of supersymmetric particles in final states with two or three leptons at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2018, 78, 995.                                                              | 3.9 | 125       |
| 29 | Operation and performance of the ATLAS Tile Calorimeter in Run 1. European Physical Journal C, 2018, 78, 987.                                                                                                                                                          | 3.9 | 25        |
| 30 | Prompt and non-prompt $J/\psi$ and $\psi(2S)$ suppression at high transverse momentum in $5.02 \text{ TeV}$ Pb+Pb collisions with the ATLAS experiment. European Physical Journal C, 2018, 78, 762.                                                                    | 3.9 | 61        |
| 31 | Measurement of the inclusive and fiducial $t\bar{t}$ production cross-sections in the. European Physical Journal C, 2018, 78, 487.                                                                                                                                     | 3.9 | 10        |
| 32 | Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in proton-proton collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2018, 78, 565.                                                   | 3.9 | 79        |
| 33 | Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in $\sqrt{s}=13 \text{ TeV}$ pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 625. | 3.9 | 27        |
| 34 | Search for dark matter and other new phenomena in events with an energetic jet and large missing transverse momentum using the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.                                                                          | 4.7 | 136       |
| 35 | Search for dark matter produced in association with bottom or top quarks in $\sqrt{s}=13 \text{ TeV}$ pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 18.                                                                                | 3.9 | 60        |
| 36 | Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s}=13 \text{ TeV}$ . European Physical Journal C, 2018, 78, 199.                                                        | 3.9 | 132       |

| #  | ARTICLE                                                                                                                                                                                                                                                                       | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Measurement of $\sigma_{\text{pol}}$ , polarisation in $Z/\gamma \rightarrow \mu\mu$ . European Physical Journal C, 2018, 78, 163.                                                                                                                                            | 3.9 | 7         |
| 38 | Searches for heavy ZZ and ZW resonances in the $\gamma, \gamma\gamma$ and $\gamma/2\gamma\gamma$ final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.                                                   | 4.7 | 29        |
| 39 | Measurement of differential cross sections and $W^+/\bar{W}^+$ 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        |
| 40 | Measurement of the $\sigma_{\text{lep}}(t\bar{t}Z)$ and $\sigma_{\text{lep}}(t\bar{t}W)$ production cross sections in multilepton final states using 3.2 fb $^{-1}$ of pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 40. | 3.9 | 41        |
| 41 | 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        |
| 42 | Measurement of the inclusive cross-sections of single top-quark and top-antiquark t-channel production in pp collisions at $s=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                                 | 4.7 | 29        |
| 43 | 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 $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 220.                                         | 3.9 | 11        |
| 44 | Measurement of the W boson polarisation in $t\bar{t}$ events from pp collisions at $\sqrt{s}=8$ TeV in the lepton+jet channel with ATLAS. European Physical Journal C, 2017, 77, 264.                                                                                         | 3.9 | 37        |
| 45 | Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. European Physical Journal C, 2017, 77, 195.                                                                                                                             | 3.9 | 87        |
| 46 | Measurements of top-quark pair differential cross-sections in the $e\bar{e}$ channel in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2017, 77, 292.                                                                              | 3.9 | 27        |
| 47 | Performance of algorithms that reconstruct missing transverse momentum in $\sqrt{s}=8$ TeV proton-proton collisions in the ATLAS detector. European Physical Journal C, 2017, 77, 241.                                                                                        | 3.9 | 61        |
| 48 | Measurement of the prompt $J/\psi$ pair production cross-section in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 76.                                                                                                     | 3.9 | 81        |
| 49 | Search for triboson $W^+W^+W^-$ production in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 141.                                                                                                                          | 3.9 | 25        |
| 50 | Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490.                                                                                                                                           | 3.9 | 325       |
| 51 | 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. European Physical Journal C, 2017, 77, 531.                                                        | 3.9 | 56        |
| 52 | Measurements of electroweak $Wjj$ production and constraints on anomalous gauge couplings with the ATLAS detector. European Physical Journal C, 2017, 77, 474.                                                                                                                | 3.9 | 26        |
| 53 | Jet reconstruction and performance using particle flow with the ATLAS Detector. European Physical Journal C, 2017, 77, 466.                                                                                                                                                   | 3.9 | 145       |
| 54 | Measurement of multi-particle azimuthal correlations in pp, p+Pb and low-multiplicity Pb+Pb collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 428.                                                                                                   | 3.9 | 86        |

| #  | ARTICLE                                                                                                                                                                                                                                                                                                                                                                        | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Measurement of inclusive and differential cross sections in the $H \rightarrow ZZ^* \rightarrow 4\ell$ decay channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                                                                                                           | 4.7 | 31        |
| 56 | Measurement of lepton differential distributions and the top quark mass in $t\bar{t}$ . European Physical Journal C, 2017, 77, 804.                                                                                                                                                                                                                                            | 3.9 | 28        |
| 57 | Measurement of the $\gamma$ production cross section in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                                                                                                                                                                 | 4.7 | 9         |
| 58 | Measurements of charge and CP asymmetries in b-hadron decays using top-quark events collected by the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.                                                                                                                                                                     | 4.7 | 9         |
| 59 | Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. European Physical Journal C, 2017, 77, 673.                                                                                                                                                                                                                                       | 3.9 | 75        |
| 60 | Search for new phenomena in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 144.                                                                                                                                | 3.9 | 12        |
| 61 | Measurement of the ZZ production cross section in proton-proton collisions at $\sqrt{s} = 8$ TeV using the $ZZ \rightarrow \ell\ell\ell\ell$ , $ZZ \rightarrow \ell\ell\tau\tau$ , $ZZ \rightarrow \ell\ell\mu\mu$ , $ZZ \rightarrow \ell\ell e e$ and $ZZ \rightarrow \ell\ell\tau\mu$ decay channels with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1. |     |           |
| 62 | Probing the $Wtb$ vertex structure in t-channel single-top-quark production and decay in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                                                                                                                                           | 4.7 | 17        |
| 63 | Measurements of $\Upsilon(2S)$ and $\chi(3872) \rightarrow J/\psi \eta$ production in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                                                                                                                                              | 4.7 | 33        |
| 64 | Measurements of top-quark pair to Z-boson cross-section ratios at $\sqrt{s} = 13, 8, 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                                                                                                                                                                            | 4.7 | 13        |
| 65 | Search for lepton-flavour-violating decays of the Higgs and Z bosons with the ATLAS detector. European Physical Journal C, 2017, 77, 70.                                                                                                                                                                                                                                       | 3.9 | 79        |
| 66 | Performance of the ATLAS trigger system in 2015. European Physical Journal C, 2017, 77, 317.                                                                                                                                                                                                                                                                                   | 3.9 | 489       |
| 67 | 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        |
| 68 | Measurements of the production cross section of a Z boson in association with jets in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 361.                                                                                                                                                                                                        | 3.9 | 47        |
| 69 | Precision measurement and interpretation of inclusive $W^+W^-$ production. European Physical Journal C, 2017, 77, 367.                                                                                                                                                                                                                                                         | 3.9 | 145       |
| 70 | Measurement of jet fragmentation in Pb+Pb and pp collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 379.                                                                                                                                                                                                                                  | 3.9 | 51        |
| 71 | Search for dark matter at $\sqrt{s} = 13$ TeV in final states containing an energetic photon and large missing transverse momentum with the ATLAS detector. European Physical Journal C, 2017, 77, 393.                                                                                                                                                                        | 3.9 | 80        |
| 72 | Measurement of charged-particle distributions sensitive to the underlying event in $\sqrt{s} = 13$ TeV proton-proton collisions with the ATLAS detector at the LHC. Journal of High Energy Physics, 2017, 2017, 1.                                                                                                                                                             | 4.7 | 14        |

| #  | ARTICLE                                                                                                                                                                                                                                                                            | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Search for direct top squark pair production in final states with two leptons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 898.                                                                                            | 3.9 | 50        |
| 74 | Search for direct top squark pair production in events with a Higgs or Z boson, and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                       | 4.7 | 8         |
| 75 | Measurement of detector-corrected observables sensitive to the anomalous production of events with jets and large missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. European Physical Journal C, 2017, 77, 765.    | 3.9 | 19        |
| 76 | Measurement of b-hadron pair production with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.                                                                                                                  | 4.7 | 8         |
| 77 | Search for supersymmetry in events with b-tagged jets and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                                              | 4.7 | 17        |
| 78 | Measurement of the inclusive jet cross-sections in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                                                                          | 4.7 | 23        |
| 79 | Search for pair production of vector-like top quarks in events with one lepton, jets, and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                 | 4.7 | 38        |
| 80 | Identification and rejection of pile-up jets at high pseudorapidity with the ATLAS detector. European Physical Journal C, 2017, 77, 580.                                                                                                                                           | 3.9 | 35        |
| 81 | Measurement of $WW/WZ \rightarrow \ell u q \bar{q}'$ production with the hadronically decaying boson reconstructed as one or two jets in pp collisions at $\sqrt{s} = 8$ TeV with ATLAS, and constraints on anomalous gauge couplings. European Physical Journal C, 2017, 77, 563. | 3.9 | 28        |
| 82 | Search for new phenomena in a lepton plus high jet multiplicity final state with the ATLAS experiment using $\sqrt{s} = 13$ TeV proton-proton collision data. Journal of High Energy Physics, 2017, 2017, 1.                                                                       | 4.7 | 12        |
| 83 | Searches for the $Z\bar{1}^3$ decay mode of the Higgs boson and for new high-mass resonances in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                                       | 4.7 | 30        |
| 84 | Studies of $Z\bar{1}^3$ production in association with a high-mass dijet system in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                                                     | 4.7 | 14        |
| 85 | Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                                             | 4.7 | 16        |
| 86 | Search for top quark decays $t \rightarrow qH$ , with $H \rightarrow Z\bar{1}^3$ , in $\sqrt{s} = 13$ TeV pp collisions using the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                                                   | 4.7 | 18        |
| 87 | Study of $WW\gamma$ and $WZ\gamma$ production. European Physical Journal C, 2017, 77, 646.                                                                                                                                                                                         | 3.9 | 30        |
| 88 | Measurements of top quark spin observables in $t\bar{t}$ events using dilepton final states in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                                            | 4.7 | 20        |
| 89 | 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. Journal of High Energy Physics, 2017, 2017, 1.                                                                | 4.7 | 11        |
| 90 | Top-quark mass measurement in the all-hadronic $t\bar{t}$ decay channel at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                                                                              | 4.7 | 16        |

| #   | ARTICLE                                                                                                                                                                                                                                                                             | IF  | CITATIONS |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91  | Measurement of the Drell-Yan triple-differential cross section in pp collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.                                                                                                                  | 4.7 | 28        |
| 92  | Search for a scalar partner of the top quark in the jets plus missing transverse momentum final state at $s = 13 \sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                                   | 4.7 | 45        |
| 93  | Search for supersymmetry in final states with two same-sign or three leptons and jets using $36 \text{ fb}^{-1}$ of $\sqrt{s}=13 \text{ TeV}$ pp collision data with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                             | 4.7 | 31        |
| 94  | 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 $s = 13 \sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                  | 4.7 | 36        |
| 95  | Measurement of the k t splitting scales in $Z \hat{\tau}^+ \hat{\tau}^-$ , " $\hat{a}$ ," events in pp collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                         | 4.7 | 3         |
| 96  | Analysis of the Wtb vertex from the measurement of triple-differential angular decay rates of single top quarks produced in the t-channel at $s = 8 \sqrt{s}=8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                 | 4.7 | 8         |
| 97  | Evidence for the $H \hat{\tau}^+ b b \hat{\tau}^-$ decay with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                                                                                                                                    | 4.7 | 64        |
| 98  | Search for new high-mass phenomena in the dilepton final state using $36 \text{ fb}^{-1}$ of proton-proton collision data at $s = 13 \sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.                                               | 4.7 | 168       |
| 99  | Determination of the strong coupling constant $\alpha_{\text{strong}}(s)$ from transverse energy correlations in multijet events at $\sqrt{s} = 8 \text{ TeV}$ . European Physical Journal C, 2017, 77, 872.                                                                        | 3.9 | 32        |
| 100 | Study of hard double-parton scattering in four-jet events in pp collisions at $s = 7 \sqrt{s}=7 \text{ TeV}$ with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.                                                                                              | 4.7 | 30        |
| 101 | Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in $s = 8 \sqrt{s}=8 \text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.                                                     | 4.7 | 10        |
| 102 | Measurement of event-shape observables in $Z \rightarrow \ell^+ \ell^- Z \hat{\tau}^+ \hat{\tau}^-$ , " $\hat{a}$ ," " $\hat{a}$ ," - events in pp collisions at $\sqrt{s}=7 \text{ TeV}$ with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 375.           | 3.9 | 15        |
| 103 | Charged-particle distributions in pp interactions at $\sqrt{s}=8 \text{ TeV}$ measured with the ATLAS detector. European Physical Journal C, 2016, 76, 403.                                                                                                                         | 3.9 | 30        |
| 104 | Charged-particle distributions at low transverse momentum in $\sqrt{s} = 13 \text{ TeV}$ pp interactions measured with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 502.                                                                                   | 3.9 | 61        |
| 105 | Search for bottom squark pair production in proton-proton collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 547.                                                                                                              | 3.9 | 37        |
| 106 | Search for minimal supersymmetric standard model Higgs Bosons $H_{\text{SM}}$ and for a $Z^{\prime}$ boson in the $\text{au} \ell^+ \ell^-$ final state produced in pp collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 585. | 3.9 | 51        |
| 107 | Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run-1 data. European Physical Journal C, 2016, 76, 666.                                                                                                                                     | 3.9 | 73        |
| 108 | Measurement of the $b b \hat{\tau}^+ \hat{\tau}^-$ dijet cross section in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 670.                                                                                          | 3.9 | 12        |

| #   | ARTICLE                                                                                                                                                                                                                     | IF  | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | The performance of the jet trigger for the ATLAS detector during 2011 data taking. European Physical Journal C, 2016, 76, 526.                                                                                              | 3.9 | 21        |
| 110 | Search for new phenomena in different-flavour high-mass dilepton final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 541.                                    | 3.9 | 23        |
| 111 | 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. European Physical Journal C, 2016, 76, 605. | 3.9 | 24        |
| 112 | Muon reconstruction performance of the ATLAS detector in proton-proton collision data at $\sqrt{s}=13$ TeV. European Physical Journal C, 2016, 76, 292.                                                                     | 3.9 | 453       |
| 113 | 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. European Physical Journal C, 2016, 76, 658.              | 3.9 | 48        |
| 114 | Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 565.                                        | 3.9 | 31        |
| 115 | Measurement of the inclusive isolated prompt photon cross section in pp collisions at $s=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.                                                     | 4.7 | 44        |
| 116 | Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at $s=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.                                                         | 4.7 | 71        |
| 117 | Search for flavour-changing neutral current top-quark decays to $qZ$ in $pp$ collision data collected with the ATLAS detector at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 12.                               | 3.9 | 39        |
| 118 | Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 87.                                   | 3.9 | 39        |
| 119 | Search for direct top squark pair production in final states with two tau leptons in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 81.                                  | 3.9 | 10        |
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| 243 | Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in $pp$ collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2014, 74, 3195.                                                                                          | 3.9 | 46        |
| 244 | Search for direct pair production of the top squark in all-hadronic final states in proton-proton collisions at $s \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.                                                                                           | 4.7 | 41        |
| 245 | Measurement of the production cross-section of $\tilde{\tau}(2S) \rightarrow J/\psi(\psi \rightarrow e^+ e^-) \tilde{\tau} + \tilde{\tau} \rightarrow J/\psi(\psi \rightarrow e^+ e^-) \tilde{\tau}$ in pp collisions at $s \sqrt{s} = 7 \text{ TeV}$ at ATLAS. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 21        |
| 246 | Measurement of the $Z/\tilde{\chi}^0$ boson transverse momentum distribution in pp collisions at $s \sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.                                                                                                          | 4.7 | 131       |
| 247 | Search for strong production of supersymmetric particles in final states with missing transverse momentum and at least three b-jets at $s \sqrt{s} = 8 \text{ TeV}$ proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.                                           | 4.7 | 38        |
| 248 | Measurement of differential production cross-sections for a Z boson in association with b-jets in $7 \text{ TeV}$ proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.                                                                                             | 4.7 | 45        |
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| 250 | 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 $s \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.                                                                        | 4.7 | 35        |
| 251 | 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 $s \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.                     | 4.7 | 40        |
| 252 | Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data. European Physical Journal C, 2014, 74, 2941.                                                                                                                       | 3.9 | 204       |

| #   | ARTICLE                                                                                                                                                                                                                                                         | IF  | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 253 | Measurement of the underlying event in jet events from 7 $\sqrt{s}$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 1.                                                                                             | 3.9 | 23        |
| 254 | Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 2982.                                         | 3.9 | 22        |
| 255 | Light-quark and gluon jet discrimination in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3023.                                                                                                         | 3.9 | 77        |
| 256 | 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 $\sqrt{s} = 8$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 22        |
| 257 | Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $\sqrt{s} = 8$ TeV $pp$ collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.                            | 4.7 | 88        |
| 258 | Measurement of the production of a W boson in association with a charm quark in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.                                                                   | 4.7 | 59        |
| 259 | Search for direct production of charginos, neutralinos and sleptons in final states with two leptons and missing transverse momentum in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.           | 4.7 | 145       |
| 260 | 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        |
| 261 | Measurement of the low-mass Drell-Yan differential cross section at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.                                                                                                 | 4.7 | 25        |
| 262 | Search for direct top-quark pair production in final states with two leptons in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.                                                                   | 4.7 | 59        |
| 263 | Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.                                                                         | 4.7 | 10        |
| 264 | Search for new particles in events with one lepton and missing transverse momentum in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.                                                             | 4.7 | 45        |
| 265 | Search for direct top quark pair production in events with a Z boson, $b$ -jets and missing transverse momentum in $\sqrt{s} = 8$ TeV $pp$ collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 2883.                                     | 3.9 | 55        |
| 266 | Measurement of the $(\overline{t})$ production cross-section using $(e\mu)$ events with $(b)$ -tagged jets in $(pp)$ collisions at $(\sqrt{s}=7)$ and 8 TeV with the ATLAS detector. , 2014, 74, 1.                                                             |     | 2         |