

# Mykhailo Lisovyi

## List of Publications by Year in descending order

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Version: 2024-02-01

112  
papers

9,194  
citations

29994

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95  
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112  
docs citations

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times ranked

8225  
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.   | 1.4 | 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. | 1.4 | 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.   | 1.4 | 22        |
| 4  | Search for doubly charged scalar bosons decaying into same-sign W boson pairs with the ATLAS detector. European Physical Journal C, 2019, 79, 58.  | 1.4 | 61        |
| 5  | Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in $36 \text{ fb}^{-1}$ of $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.                               | 1.6 | 116       |
| 6  | Measurement of the cross-section for producing a W boson in association with a single top quark in $pp$ collisions at $\sqrt{s} = 13$ TeV with ATLAS. Journal of High Energy Physics, 2018, 2018, 1.   | 1.6 | 17        |
| 7  | Search for new phenomena in high-mass final states with a photon and a jet from $pp$ collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 102.  | 1.4 | 13        |
| 8  | 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.   | 1.4 | 52        |
| 9  | Measurement of longitudinal flow decorrelations in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ and $5.0$ TeV. European Physical Journal C, 2018, 78, 142.   | 1.4 | 59        |
| 10 | Measurement of quarkonium production in proton-lead and proton-proton collisions at $\sqrt{s} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 171.   | 1.4 | 75        |
| 11 | 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.   | 1.4 | 20        |
| 12 | Search for heavy ZZ resonances in the $e^+e^- \rightarrow e^+e^- \gamma \gamma$ final states using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 293.  | 1.4 | 101       |
| 13 | 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.   | 1.4 | 66        |
| 14 | 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.            | 1.6 | 40        |
| 15 | Search for heavy resonances decaying into WW in the $e\mu u e \gamma \gamma$ final state in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 24.   | 1.4 | 108       |
| 16 | Direct top-quark decay width measurement in the $t \rightarrow b \tau^+ \nu_\tau$ lepton+jets channel at $\sqrt{s} = 8$ TeV with the ATLAS experiment. European Physical Journal C, 2018, 78, 129.   | 1.4 | 17        |
| 17 | Search for W/WZ resonance production in $e^+e^- \rightarrow q\bar{q}$ final states in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.   | 1.6 | 31        |
| 18 | Measurement of the Higgs boson coupling properties in the $H \rightarrow ZZ \rightarrow 4\tau$ decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.  | 1.6 | 46        |

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|----|---|-----|-----------|
| 19 | Measurement of the azimuthal anisotropy of charged particles produced in $\sqrt{s_{NN}} = 5.02$ TeV Pb+Pb collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 997.   | 1.4 | 51        |
| 20 | Prompt and non-prompt $J/\psi$ and $\psi(2S)$ suppression at high transverse momentum in $5.02$ TeV Pb+Pb collisions with the ATLAS experiment. European Physical Journal C, 2018, 78, 762.   | 1.4 | 61        |
| 21 | Measurement of the inclusive and fiducial $t\bar{t}$ production cross-sections in the. European Physical Journal C, 2018, 78, 487.  | 1.4 | 10        |
| 22 | Further studies of isolated photon production with a jet in deep inelastic scattering at HERA. Journal of High Energy Physics, 2018, 2018, 1.   | 1.6 | 3         |
| 23 | 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.                                       | 1.6 | 136       |
| 24 | Search for dark matter produced in association with bottom or top quarks in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 18.   | 1.4 | 60        |
| 25 | Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 199.                            | 1.4 | 132       |
| 26 | Measurement of $\sigma_{\text{pol}}$ , polarisation in $Z/\gamma \rightarrow \mu\mu$ . European Physical Journal C, 2018, 78, 163.  | 1.4 | 7         |
| 27 | Searches for heavy ZZ and ZW resonances in the $\mu\mu$ , $qq$ and $1/2 qq$ final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.                            | 1.6 | 29        |
| 28 | Measurement of differential cross sections and $W^+/W^0$ 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.         | 1.6 | 16        |
| 29 | 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.             | 1.4 | 29        |
| 30 | Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. European Physical Journal C, 2017, 77, 195.   | 1.4 | 87        |
| 31 | 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.  | 1.4 | 61        |
| 32 | Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490.   | 1.4 | 325       |
| 33 | Measurement of inclusive and differential cross sections in the $H \rightarrow ZZ^* \rightarrow 4\mu$ decay channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1. | 1.6 | 31        |
| 34 | Measurement of lepton differential distributions and the top quark mass in $t\bar{t}$ . European Physical Journal C, 2017, 77, 804.   | 1.4 | 28        |
| 35 | Performance of the ATLAS trigger system in 2015. European Physical Journal C, 2017, 77, 317.  | 1.4 | 489       |
| 36 | Reconstruction of primary vertices at the ATLAS experiment in Run 1 proton-proton collisions at the LHC. European Physical Journal C, 2017, 77, 332.  | 1.4 | 71        |

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|----|---|-----|-----------|
| 37 | Measurements of the production cross section of a $Z$ boson in association with jets in pp collisions at $\sqrt{s} = 13$ s. European Physical Journal C, 2017, 77, 361.   | 1.4 | 47        |
| 38 | Precision measurement and interpretation of inclusive $W^+W^+$ , $W^-W^-$ . European Physical Journal C, 2017, 77, 367.   | 1.4 | 145       |
| 39 | Measurement of jet fragmentation in Pb+Pb and pp collisions at $\sqrt{s_{\text{NN}}} = 2.76$ s NN = 2.76. European Physical Journal C, 2017, 77, 379.   | 1.4 | 51        |
| 40 | 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.   | 1.4 | 80        |
| 41 | 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.   | 1.4 | 50        |
| 42 | 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. | 1.4 | 19        |
| 43 | 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.   | 1.6 | 17        |
| 44 | 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.  | 1.6 | 12        |
| 45 | 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.   | 1.6 | 11        |
| 46 | 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.   | 1.6 | 16        |
| 47 | Measurement of the Drell-Yan triple-differential cross section in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.   | 1.6 | 28        |
| 48 | Search for a scalar partner of the top quark in the jets plus missing transverse momentum final state at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.  | 1.6 | 45        |
| 49 | Evidence for the $H \rightarrow b\bar{b}$ decay with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.   | 1.6 | 64        |
| 50 | Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.   | 1.6 | 10        |
| 51 | Search for bottom squark pair production in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 547.  | 1.4 | 37        |
| 52 | Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run-1 data. European Physical Journal C, 2016, 76, 666.   | 1.4 | 73        |
| 53 | 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.   | 1.4 | 24        |
| 54 | Muon reconstruction performance of the ATLAS detector in proton-proton collision data at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2016, 76, 292.   | 1.4 | 453       |

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|----|---|-----|-----------|
| 55 | Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 565.  | 1.4 | 31        |
| 56 | Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.  | 1.6 | 71        |
| 57 | Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $\sqrt{s} = 8 \text{ TeV}$ . European Physical Journal C, 2016, 76, 87.  | 1.4 | 39        |
| 58 | Search for charged Higgs bosons in the $H \rightarrow tb$ decay channel in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.   | 1.6 | 43        |
| 59 | Measurement of the cross-section ratio $\sigma(\gamma\gamma(2S)) / \sigma(\gamma\gamma(1S))$ in deep inelastic exclusive ep scattering at HERA. Nuclear Physics B, 2016, 909, 934-953.  | 0.9 | 13        |
| 60 | Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. European Physical Journal C, 2016, 76, 295.   | 1.4 | 50        |
| 61 | Performance of pile-up mitigation techniques for jets in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ . European Physical Journal C, 2016, 76, 581.  | 1.4 | 298       |
| 62 | Measurement of jet activity in top quark events using the $e^+e^-$ final state with two b-tagged jets in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.                            | 1.6 | 4         |
| 63 | Identification of high transverse momentum top quarks in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.  | 1.6 | 17        |
| 64 | Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2016, 76, 538.  | 1.4 | 115       |
| 65 | Measurement of the differential cross-sections of prompt and non-prompt production of $J/\psi$ and $\psi(2S)$ in pp collisions at $\sqrt{s} = 7$ and $8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 283.               | 1.4 | 63        |
| 66 | Luminosity determination in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ using the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 653.  | 1.4 | 279       |
| 67 | Addendum to "Measurement of the $t\bar{t}$ production cross-section using $e^+e^-$ events with b-tagged jets in pp collisions at $\sqrt{s} = 7$ and $8 \text{ TeV}$ with the ATLAS detector". European Physical Journal C, 2016, 76, 1.                 | 1.4 | 19        |
| 68 | Dark matter interpretations of ATLAS searches for the electroweak production of supersymmetric particles in $\sqrt{s} = 8 \text{ TeV}$ proton-proton collisions. Journal of High Energy Physics, 2016, 2016, 1.   | 1.6 | 16        |
| 69 | Search for the Standard Model Higgs boson decaying into $b\bar{b}$ produced in association with top quarks decaying hadronically in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1. | 1.6 | 21        |
| 70 | Search for squarks and gluinos in final states with jets and missing transverse momentum at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 392.  | 1.4 | 73        |
| 71 | Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 199.                       | 1.4 | 60        |
| 72 | Measurement of the production cross-section of a single top quark in association with a W boson at $8 \text{ TeV}$ with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.  | 1.6 | 14        |

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|----|---|-----|-----------|
| 73 | Identification of boosted, hadronically decaying W bosons and comparisons with ATLAS data taken at $\sqrt{s} = 8 \text{ TeV}$ . European Physical Journal C, 2016, 76, 154.   | 1.4 | 62        |
| 74 | Measurements of the Higgs boson production and decay rates and coupling strengths using pp collision data at $\sqrt{s} = 7$ and $8 \text{ TeV}$ in the ATLAS experiment. European Physical Journal C, 2016, 76, 6.                              | 1.4 | 274       |
| 75 | Measurements of fiducial cross-sections for $t \bar{t} \hat{A}^-$ production with one or two additional b-jets in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2016, 76, 11.              | 1.4 | 54        |
| 76 | Search for an additional, heavy Higgs boson in the $H \rightarrow ZZ H \hat{A}^+ Z Z$ decay channel at $\sqrt{s} = 8 \text{ TeV}$ in $pp$ collision data with the ATLAS detector. European Physical Journal C, 2016, 76, 45.                    | 1.4 | 197       |
| 77 | Combination of measurements of inclusive deep inelastic $e^+p$ scattering cross sections and QCD analysis of HERA data. European Physical Journal C, 2015, 75, 1.   | 1.4 | 383       |
| 78 | Search for Dark Matter in Events with Missing Transverse Momentum and a Higgs Boson Decaying to Two Photons in $pp$ collisions at $\sqrt{s} = 8 \text{ TeV}$ using the ATLAS detector. Physical Review Letters, 2015, 115, 131801.              | 2.9 | 49        |
| 79 | Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at $\sqrt{s} = 8 \text{ TeV}$ . Journal of High Energy Physics, 2015, 2015, 1.  | 1.6 | 4         |
| 80 | Measurement of charged-particle spectra in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ with the ATLAS detector at the LHC. Journal of High Energy Physics, 2015, 2015, 1.  | 1.6 | 67        |
| 81 | Analysis of events with b-jets and a pair of leptons of the same charge in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.  | 1.6 | 33        |
| 82 | Constraints on new phenomena via Higgs boson couplings and invisible decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.   | 1.6 | 108       |
| 83 | Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at $\sqrt{s} = 7 \text{ TeV}$ in the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1. | 1.6 | 40        |
| 84 | Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ . Journal of High Energy Physics, 2015, 2015, 1.   | 1.6 | 84        |
| 85 | Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.              | 1.6 | 71        |
| 86 | Determination of the top-quark pole mass using $t \bar{t} + 1\text{-jet}$ events collected with the ATLAS experiment in $7 \text{ TeV}$ pp collisions. Journal of High Energy Physics, 2015, 2015, 1.   | 1.6 | 25        |
| 87 | Search for flavour-changing neutral current top quark decays $t \hat{A}^+ H q$ in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-65.  | 1.6 | 19        |
| 88 | Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $\sqrt{s} = 7 \text{ TeV}$ . European Physical Journal C, 2015, 75, 158.   | 1.4 | 17        |
| 89 | Study of (W/Z)H production and Higgs boson couplings using $H \hat{A}^+ W W \hat{A}^-$ decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.   | 1.6 | 22        |
| 90 | Measurement of the production and lepton charge asymmetry of W bosons in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 23.   | 1.4 | 41        |

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|-----|---|-----|-----------|
| 91  | Jet energy measurement and its systematic uncertainty in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 17.   | 1.4 | 268       |
| 92  | Search for dark matter in events with heavy quarks and missing transverse momentum in pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 92.   | 1.4 | 77        |
| 93  | Measurement of the $t\bar{t}$ production cross-section as a function of jet multiplicity and jet transverse momentum in 7 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.  | 1.6 | 30        |
| 94  | Search for production of WW/WZ resonances decaying to a lepton, neutrino and jets in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 209.   | 1.4 | 79        |
| 95  | Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 120.   | 1.4 | 62        |
| 96  | Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 299.  | 1.4 | 238       |
| 97  | Search for a new resonance decaying to a W or Z boson and a Higgs boson in the $u\bar{u} / d\bar{d} / s\bar{s} / c\bar{c} / b\bar{b} / \tau\bar{\tau} / \mu\bar{\mu} / e\bar{e} / \gamma\gamma$ final states with the ATLAS detector. European Physical Journal C, 2015, 75, 263. | 1.4 | 60        |
| 98  | Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 303.  | 1.4 | 70        |
| 99  | Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. European Physical Journal C, 2015, 75, 476.  | 1.4 | 174       |
| 100 | Search for the Standard Model Higgs boson produced in association with top quarks and decaying into $b\bar{b}$ in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 349.  | 1.4 | 123       |
| 101 | Search for heavy long-lived multi-charged particles in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. European Physical Journal C, 2015, 75, 362.  | 1.4 | 36        |
| 102 | Measurement of the top quark mass in the $t\bar{t} \rightarrow \text{lepton+jets}$ and $t\bar{t} \rightarrow \text{dilepton}$ channels using $\sqrt{s}=7$ TeV ATLAS data. European Physical Journal C, 2015, 75, 330.   | 1.4 | 52        |
| 103 | ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. European Physical Journal C, 2015, 75, 510.   | 1.4 | 138       |
| 104 | Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. , 2015, 75, 1.   |     | 3         |
| 105 | ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. , 2015, 75, 1.  |     | 3         |
| 106 | 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.   | 1.4 | 213       |
| 107 | Measurement of the $t\bar{t}$ production cross-section using $e\bar{e}$ events with $b$ -tagged jets in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3109.   | 1.4 | 143       |
| 108 | Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at $\sqrt{s}=7$ TeV in 2010. European Physical Journal C, 2014, 74, 3034.  | 1.4 | 58        |

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|-----|---|-----|-----------|
| 109 | Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. European Physical Journal C, 2014, 74, 1.  | 1.4 | 172       |
| 110 | Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ s NN = 2.76 $\hat{\text{A}}$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3157. | 1.4 | 68        |
| 111 | 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.                                | 1.4 | 204       |
| 112 | Combined measurement and QCD analysis of the inclusive $e^{\pm} p$ scattering cross sections at HERA. Journal of High Energy Physics, 2010, 2010, 1.  | 1.6 | 458       |