

# Peter A Wijeratne

## List of Publications by Year in descending order

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Version: 2024-02-01

129  
papers

6,739  
citations

46918

47  
h-index

74018

75  
g-index

137  
all docs

137  
docs citations

137  
times ranked

7901  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Temporal Progression Patterns of Brain Atrophy in Corticobasal Syndrome and Progressive Supranuclear Palsy Revealed by Subtype and Stage Inference (SuStaln). <i>Frontiers in Neurology</i> , 2022, 13, 814768. | 1.1 | 7         |
| 2  | A data-driven model of brain volume changes in progressive supranuclear palsy. <i>Brain Communications</i> , 2022, 4, .   | 1.5 | 12        |
| 3  | From tumour perfusion to drug delivery and clinical translation of in silico cancer models. <i>Methods</i> , 2021, 185, 82-93.  | 1.9 | 22        |
| 4  | Learning Transition Times in Event Sequences: The Temporal Event-Based Model of Disease Progression. <i>Lecture Notes in Computer Science</i> , 2021, , 583-595.  | 1.0 | 7         |
| 5  | Sequence of clinical and neurodegeneration events in Parkinsonâ€™s disease progression. <i>Brain</i> , 2021, 144, 975-988.  | 3.7 | 49        |
| 6  | Identifying multiple sclerosis subtypes using unsupervised machine learning and MRI data. <i>Nature Communications</i> , 2021, 12, 2078.  | 5.8 | 112       |
| 7  | Ranking the Predictive Power of Clinical and Biological Features Associated With Disease Progression in Huntington's Disease. <i>Frontiers in Neurology</i> , 2021, 12, 678484.                                 | 1.1 | 7         |
| 8  | Ordinal SuStaln: Subtype and Stage Inference for Clinical Scores, Visual Ratings, and Other Ordinal Data. <i>Frontiers in Artificial Intelligence</i> , 2021, 4, 613261.  | 2.0 | 17        |
| 9  | A Multi-Study Model-Based Evaluation of the Sequence of Imaging and Clinical Biomarker Changes in Huntingtonâ€™s Disease. <i>Frontiers in Big Data</i> , 2021, 4, 662200.                                       | 1.8 | 2         |
| 10 | pySuStaln: A Python implementation of the Subtype and Stage Inference algorithm. <i>SoftwareX</i> , 2021, 16, 100811.   | 1.2 | 19        |
| 11 | Revealing the Timeline of Structural MRI Changes in Premanifest to Manifest Huntington Disease. <i>Neurology: Genetics</i> , 2021, 7, e617.   | 0.9 | 20        |
| 12 | Mutant huntingtin and neurofilament light have distinct longitudinal dynamics in Huntingtonâ€™s disease. <i>Science Translational Medicine</i> , 2020, 12, .  | 5.8 | 64        |
| 13 | Tauâ€™s first subtype of Alzheimerâ€™s disease progression consistently identified through PET and CSF. <i>Alzheimer's and Dementia</i> , 2020, 16, e045412.  | 0.4 | 1         |
| 14 | Robust Markers and Sample Sizes for Multicenter Trials of Huntington Disease. <i>Annals of Neurology</i> , 2020, 87, 751-762.   | 2.8 | 22        |
| 15 | A quantitative in silico platform for simulating cytotoxic and nanoparticle drug delivery to solid tumours. <i>Interface Focus</i> , 2019, 9, 20180063.   | 1.5 | 21        |
| 16 | An image-based model of brain volume biomarker changes in Huntington's disease. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 570-582.   | 1.7 | 50        |
| 17 | F22â€™s...Robust biomarkers of huntingtonâ€™s disease progression: observations from the track-hd, predict-hd and image-hd studies. , 2018, , .   |     | 0         |
| 18 | D09â€™s...Parallel evaluation of mutant huntingtin and neurofilament light as biomarkers for huntingtonâ€™s disease: the hd-csf study. , 2018, , .  |     | 0         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | In-silico dynamic analysis of cytotoxic drug administration to solid tumours: Effect of binding affinity and vessel permeability. <i>PLoS Computational Biology</i> , 2018, 14, e1006460.   | 1.5 | 18        |
| 20 | Evaluation of mutant huntingtin and neurofilament proteins as potential markers in Huntington's disease. <i>Science Translational Medicine</i> , 2018, 10, .  | 5.8 | 134       |
| 21 | Aging related cognitive changes associated with Alzheimer's disease in Down syndrome. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 741-751.   | 1.7 | 64        |
| 22 | Multiscale biphasic modelling of peritumoural collagen microstructure: The effect of tumour growth on permeability and fluid flow. <i>PLoS ONE</i> , 2017, 12, e0184511.  | 1.1 | 10        |
| 23 | A Validated Multiscale In-Silico Model for Mechano-sensitive Tumour Angiogenesis and Growth. <i>PLoS Computational Biology</i> , 2017, 13, e1005259.  | 1.5 | 45        |
| 24 | Addendum to "Measurement of the $t\bar{t}$ production cross-section using $b\bar{b}$ events with b-tagged jets in pp collisions at $\sqrt{s} = 7$ and $8\sqrt{s} = 7$ and $8\sqrt{s} = 7$ TeV with the ATLAS detector". <i>European Physical Journal C</i> , 2016, 76, 1.     | 1.4 | 19        |
| 25 | Multiscale modelling of solid tumour growth: the effect of collagen micromechanics. <i>Biomechanics and Modeling in Mechanobiology</i> , 2016, 15, 1079-1090.   | 1.4 | 16        |
| 26 | Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.   | 1.6 | 28        |
| 27 | Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at $\sqrt{s} = 7$ TeV in the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.                               | 1.6 | 40        |
| 28 | Search for new phenomena in events with three or more charged leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.  | 1.6 | 20        |
| 29 | Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.  | 1.6 | 42        |
| 30 | Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.   | 1.6 | 116       |
| 31 | Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.   | 1.6 | 17        |
| 32 | 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. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.  | 1.6 | 30        |
| 33 | Measurement of the $WW + WZ$ cross section and limits on anomalous triple gauge couplings using final states with one lepton, missing transverse momentum, and two jets with the ATLAS detector at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1. | 1.6 | 27        |
| 34 | Searches for heavy long-lived charged particles with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.   | 1.6 | 33        |
| 35 | Search for the $b\bar{b}$ decay of the Standard Model Higgs boson in associated (W/Z)H production with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.   | 1.6 | 89        |
| 36 | Measurement of the inclusive jet cross-section in proton-proton collisions at $\sqrt{s} = 7$ TeV using 4.5 fb <sup>-1</sup> of data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.   | 1.6 | 35        |

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|----|--|-----|-----------|
| 37 | Search for anomalous production of prompt same-sign lepton pairs and pair-produced doubly charged Higgs bosons with $\sqrt{s} = 8$ TeV pp collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.  | 1.6 | 60        |
| 38 | Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \tau^-$ , $H \rightarrow \tau^+ \tau^- \nu_\tau$ in fully hadronic final states using pp collision data at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.         | 1.6 | 69        |
| 39 | Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.  | 1.6 | 82        |
| 40 | Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at $\sqrt{s} = 8$ TeV with ATLAS. Journal of High Energy Physics, 2014, 2014, 1.   | 1.6 | 45        |
| 41 | Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using $\sqrt{s} = 8$ TeV proton-proton collision data. Journal of High Energy Physics, 2014, 2014, 1.   | 1.6 | 128       |
| 42 | Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.  | 1.6 | 66        |
| 43 | Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. European Physical Journal C, 2014, 74, 1.   | 1.4 | 172       |
| 44 | Search for direct pair production of the top squark in all-hadronic final states in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.   | 1.6 | 41        |
| 45 | Measurement of the production cross-section of $\tilde{t}(2S) \rightarrow J/\psi(\psi \rightarrow \tau^+ \tau^-) \tilde{t} \rightarrow \tilde{t} \tau^+ \tau^-$ in pp collisions at $\sqrt{s} = 7$ TeV at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.                  | 1.6 | 21        |
| 46 | Measurement of the $Z/\tilde{t}^*$ boson transverse momentum distribution in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.   | 1.6 | 131       |
| 47 | Search for strong production of supersymmetric particles in final states with missing transverse momentum and at least three b-jets at $\sqrt{s} = 8$ TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.                       | 1.6 | 38        |
| 48 | Measurement of differential production cross-sections for a Z boson in association with b-jets in 7 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.   | 1.6 | 45        |
| 49 | Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.  | 1.6 | 47        |
| 50 | 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 $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.  | 1.6 | 35        |
| 51 | Measurement of the top quark pair production charge asymmetry in proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.   | 1.6 | 42        |
| 52 | 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 $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1. | 1.6 | 40        |
| 53 | Measurement of the underlying event in jet events from $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 1.  | 1.4 | 23        |
| 54 | 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.                  | 1.6 | 22        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | 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.                  | 1.6 | 88        |
| 56 | Measurement of the production cross section of prompt $J/\psi$ mesons in association with a $W^{\pm}$ boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.                          | 1.6 | 35        |
| 57 | Measurement of dijet cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.  | 1.6 | 36        |
| 58 | 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.   | 1.6 | 59        |
| 59 | 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. | 1.6 | 145       |
| 60 | 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.   | 1.6 | 25        |
| 61 | Search for direct top-squark 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.  | 1.6 | 59        |
| 62 | Measurement of $J/\psi$ $c1$ and $J/\psi$ $c2$ production with $\sqrt{s} = 7$ TeV pp collisions at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.  | 1.6 | 32        |
| 63 | 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.   | 1.6 | 10        |
| 64 | 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.   | 1.6 | 45        |
| 65 | Measurement of the production cross section of jets in association with a Z boson in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.  | 1.6 | 73        |
| 66 | Measurement of the cross-section for W boson production in association with b-jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.   | 1.6 | 53        |
| 67 | Search for third generation scalar leptoquarks in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.   | 1.6 | 32        |
| 68 | Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.   | 1.6 | 137       |
| 69 | Measurement of ZZ production in pp collisions at $\sqrt{s}=7$ TeV and limits on anomalous ZZZ and $ZZ\tilde{\chi}^0$ couplings with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.  | 1.6 | 61        |
| 70 | Search for charged Higgs bosons through the violation of lepton universality in $t\bar{t}$ events using pp collision data at $\sqrt{s}=7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2013, 2013, 1.                             | 1.6 | 19        |
| 71 | Search for the neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.   | 1.6 | 52        |
| 72 | Search for direct third-generation squark pair production in final states with missing transverse momentum and two b-jets in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.                 | 1.6 | 102       |



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|-----|---|-----|-----------|
| 91  | A search for $t$ resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.             | 1.6 | 40        |
| 92  | Search for the Standard Model Higgs boson in the $H \rightarrow \tau^+ \tau^-$ decay mode in $\sqrt{s} = 7, \sqrt{s} = 8$ TeV pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.                | 1.6 | 43        |
| 93  | A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.                       | 1.6 | 34        |
| 94  | Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $\sqrt{s} = 7$ TeV with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.                             | 1.6 | 15        |
| 95  | Search for a heavy top-quark partner in final states with two leptons with the ATLAS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.  | 1.6 | 54        |
| 96  | Search for high-mass resonances decaying to dilepton final states in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.                                      | 1.6 | 54        |
| 97  | Search for anomalous production of prompt like-sign lepton pairs at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.  | 1.6 | 17        |
| 98  | Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $\sqrt{s} = 7$ TeV pp collisions at the LHC. Journal of High Energy Physics, 2012, 2012, 1.                     | 1.6 | 48        |
| 99  | Search for R-parity-violating supersymmetry in events with four or more leptons in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.                           | 1.6 | 13        |
| 100 | Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. European Physical Journal C, 2012, 72, 1.  | 1.4 | 248       |
| 101 | Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.  | 1.4 | 100       |
| 102 | Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.                  | 1.4 | 13        |
| 103 | Search for second generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 1.   | 1.4 | 37        |
| 104 | Search for top and bottom squarks from gluino pair production in final states with missing transverse energy and at least three b-jets with the ATLAS detector. European Physical Journal C, 2012, 72, 1.             | 1.4 | 25        |
| 105 | Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.  | 1.4 | 22        |
| 106 | Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2012, 72, 1. | 1.4 | 13        |
| 107 | ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.  | 1.4 | 36        |
| 108 |   |     |           |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 109 | Performance of missing transverse momentum reconstruction in proton-proton collisions at $\sqrt{s} = 7$ TeV with ATLAS. European Physical Journal C, 2012, 72, 1.  | 1.4 | 230       |
| 110 | Performance of the ATLAS Trigger System in 2010. European Physical Journal C, 2012, 72, 1.   | 1.4 | 259       |
| 111 | Search for same-sign top-quark production and fourth-generation down-type quarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.                                    | 1.6 | 36        |
| 112 | Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \tau^- \nu_\tau$ in $t$ events using pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.            | 1.6 | 126       |
| 113 | Measurement of the W boson polarization in top quark decays with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.  | 1.6 | 57        |
| 114 | Forward-backward correlations and charged-particle azimuthal distributions in pp interactions using the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.   | 1.6 | 29        |
| 115 | Search for decays of stopped, long-lived particles from 7 TeV pp collisions with the ATLAS detector. European Physical Journal C, 2012, 72, 1.   | 1.4 | 15        |
| 116 | Measurement of the polarisation of W bosons produced with large transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS experiment. European Physical Journal C, 2012, 72, 1.                                    | 1.4 | 36        |
| 117 | Measurements of underlying-event properties using neutral and charged particles in pp collisions at $\sqrt{s} = 900$ GeV and $\sqrt{s} = 7$ TeV with the ATLAS detector at the LHC. European Physical Journal C, 2011, 71, 1.      | 1.4 | 31        |
| 118 | Search for an excess of events with an identical flavour lepton pair and significant missing transverse momentum in $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1. | 1.4 | 18        |
| 119 | Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS experiment. European Physical Journal C, 2011, 71, 1.          | 1.4 | 41        |
| 120 | Limits on the production of the standard model Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.   | 1.4 | 40        |
| 121 | Search for diphoton events with large missing transverse energy with $36 \text{ pb}^{-1}$ of 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2011, 71, 1.                                 | 1.4 | 15        |
| 122 | Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy. European Physical Journal C, 2011, 71, 1.  | 1.4 | 60        |
| 123 | Measurement of the jet fragmentation function and transverse profile in proton-proton collisions at a center-of-mass energy of 7 TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.                            | 1.4 | 56        |
| 124 | Search for a heavy neutral particle decaying into an electron and a muon using $1 \text{ fb}^{-1}$ of ATLAS data. European Physical Journal C, 2011, 71, 1.  | 1.4 | 14        |
| 125 | Search for massive colored scalars in four-jet final states in $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.  | 1.4 | 39        |
| 126 | Measurement of the inclusive and dijet cross-sections of b-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.  | 1.4 | 73        |



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|-----|---|-----|-----------|
| 127 | Measurement of $W\hat{1}^3$ and $Z\hat{1}^3$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.                                     | 1.6 | 11        |
| 128 | Inclusive search for same-sign dilepton signatures in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.   | 1.6 | 33        |
| 129 | Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1. | 1.6 | 65        |