

Paolo Gauzzi

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9499150/paolo-gauzzi-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

595
papers

32,152
citations

82
h-index

154
g-index

631
ext. papers

35,451
ext. citations

4.4
avg, IF

5.16
L-index

#	Paper	IF	Citations
595	Observation of a new particle in the search for the Standard Model Higgs boson with the ATLAS detector at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 1-29	4.2	5271
594	The ATLAS Experiment at the CERN Large Hadron Collider. <i>Journal of Instrumentation</i> , 2008 , 3, S08003-S08003	1273	
593	The ATLAS Simulation Infrastructure. <i>European Physical Journal C</i> , 2010 , 70, 823-874	4.2	817
592	Combined Measurement of the Higgs Boson Mass in pp Collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS and CMS Experiments. <i>Physical Review Letters</i> , 2015 , 114, 191803	7.4	709
591	Observation of associated near-side and away-side long-range correlations in $\sqrt{s(NN)}=5.02$ TeV proton-lead collisions with the ATLAS detector. <i>Physical Review Letters</i> , 2013 , 110, 182302	7.4	333
590	Measurement of the azimuthal anisotropy for charged particle production in $\sqrt{sNN}=2.76$ TeV lead-lead collisions with the ATLAS detector. <i>Physical Review C</i> , 2012 , 86,	2.7	313
589	Combined search for the Standard Model Higgs boson using up to 4.9 fb ⁻¹ of pp collision data at $s=7$ TeV with the ATLAS detector at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 49-66	4.2	301
588	Improved luminosity determination in collisions at [Formula: see text] using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2013 , 73, 2518	4.2	276
587	Measurements of Higgs boson production and couplings in diboson final states with the ATLAS detector at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 88-119	4.2	268
586	Evidence for the spin-0 nature of the Higgs boson using ATLAS data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 120-144	4.2	267
585	Performance of b-jet identification in the ATLAS experiment. <i>Journal of Instrumentation</i> , 2016 , 11, P04008-P04008	106	
584	The tracking detector of the KLOE experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 488, 51-73	1.2	210
583	Jet energy measurement with the ATLAS detector in proton-proton collisions at ($\sqrt{s}=7$ TeV). <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	209
582	Search for high-mass dilepton resonances in pp collisions at $s=8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2014 , 90,	4.9	209
581	The KLOE electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 482, 364-386	1.2	209
580	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in collisions at [Formula: see text]TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 299	4.2	202
579	Search for new phenomena in the dijet mass distribution using pp collision data at $s=8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2015 , 91,	4.9	196

578	Jet energy measurement and its systematic uncertainty in proton-proton collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 17	4.2	194
577	Physics with the KLOE-2 experiment at the upgraded DAΦNE. <i>European Physical Journal C</i> , 2010 , 68, 619-681	4.2	189
576	Measurements of the Higgs boson production and decay rates and coupling strengths using collision data at [Formula: see text] and 8 TeV in the ATLAS experiment. <i>European Physical Journal C</i> , 2016 , 76, 6	4.2	185
575	Measurement of α_s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 606, 12-24	4.2	182
574	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. <i>European Physical Journal C</i> , 2017 , 77, 490	4.2	177
573	Measurement of Higgs boson production in the diphoton decay channel in pp collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. <i>Physical Review D</i> , 2014 , 90,	4.9	175
572	Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2014 , 74, 3130	4.2	166
571	Measurement of the jet radius and transverse momentum dependence of inclusive jet suppression in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 220-241	4.2	165
570	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2014 , 74, 2941	4.2	160
569	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	160
568	Search for the standard model Higgs boson in the diphoton decay channel with 4.9 fb ⁻¹ of pp collision data at $\sqrt{s}=7$ TeV with ATLAS. <i>Physical Review Letters</i> , 2012 , 108, 111803	7.4	157
567	Measurement with the ATLAS detector of multi-particle azimuthal correlations in pp . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 60-78	4.2	153
566	Jet energy resolution in proton-proton collisions at [Formula: see text] recorded in 2010 with the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2306	4.2	153
565	Search for an additional, heavy Higgs boson in the [Formula: see text] decay channel at [Formula: see text] in [Formula: see text] collision data with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 45	4.2	152
564	Measurement of the Higgs boson mass from the H \rightarrow bb and H \rightarrow ZZ \rightarrow 4l channels in pp collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. <i>Physical Review D</i> , 2014 , 90,	4.9	151
563	The first measurement of the neutron electromagnetic form factors in the time-like region. <i>Nuclear Physics B</i> , 1998 , 517, 3-35	2.8	149
562	Performance of pile-up mitigation techniques for jets in [Formula: see text] collisions at [Formula: see text] TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 581	4.2	148
561	Measurement of the distributions of event-by-event flow harmonics in lead-lead collisions at ($\sqrt{s_{NN}}$) = 2.76 TeV with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	143

560	Observation of Long-Range Elliptic Azimuthal Anisotropies in $\sqrt{s}=13$ and 2.76 TeV pp Collisions with the ATLAS Detector. <i>Physical Review Letters</i> , 2016 , 116, 172301	7.4	140
559	Study of the decay $B \rightarrow \pi \pi$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 537, 21-27	4.2	136
558	Measurement of $\Gamma(e^+e^- \rightarrow \pi^+\pi^-)$ from threshold to 0.85 GeV ² using initial state radiation with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 700, 102-110	4.2	132
557	Measurements of Higgs boson production and couplings in the four-lepton channel in pp collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. <i>Physical Review D</i> , 2015 , 91,	4.9	125
556	Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	124
555	Limit on the production of a light vector gauge boson in ρ meson decays with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 720, 111-115	4.2	124
554	Measurement of $\Gamma(e^+e^- \rightarrow \pi^+\pi^-)$ and the dipion contribution to the muon anomaly with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 670, 285-291	4.2	123
553	Charged-particle multiplicities in pp interactions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 688, 21-42	4.2	121
552	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	120
551	Search for scalar diphoton resonances in the mass range 65-600 GeV with the ATLAS detector in pp collision data at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , 2014 , 113, 171801	7.4	117
550	Search for dark matter in events with a hadronically decaying W or Z boson and missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2014 , 112, 041802	7.4	117
549	Measurement of hard double-parton interactions in $W(\rightarrow \mu\nu) + 2$ -jet events at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>New Journal of Physics</i> , 2013 , 15, 033038	2.9	116
548	Search for pair-produced third-generation squarks decaying via charm quarks or in compressed supersymmetric scenarios in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2014 , 90,	4.9	115
547	Search for Invisible Decays of a Higgs Boson Produced in Association with a Z Boson in ATLAS. <i>Physical Review Letters</i> , 2014 , 112,	7.4	113
546	Search for new resonances in W and Z final states in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 738, 428-447	4.2	112
545	Search for charged Higgs bosons decaying via $H \rightarrow t\bar{t}$ (\overline{t}) events using pp collision data at $(\sqrt{s} = 7; \text{TeV})$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	112
544	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. <i>European Physical Journal C</i> , 2015 , 75, 510	4.2	109
543	Measurement of inclusive jet charged-particle fragmentation functions in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 739, 320-342	4.2	109

542	Measurement of event-plane correlations in $\sqrt{s}=2.76$ TeV lead-lead collisions with the ATLAS detector. <i>Physical Review C</i> , 2014 , 90,	2.7	109
541	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	108
540	Measurement of the [Formula: see text] production cross-section using [Formula: see text] events with [Formula: see text]-tagged jets in [Formula: see text] collisions at [Formula: see text] and 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3109	4.2	107
539	Measurement of the total cross section from elastic scattering in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Nuclear Physics B</i> , 2014 , 889, 486-548	2.8	105
538	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 476	4.2	104
537	Search for doubly charged Higgs bosons in like-sign dilepton final states at ($\sqrt{s} = 7$ TeV) with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	104
536	Measurement of inclusive jet and dijet cross sections in proton-proton collisions at 7 TeV centre-of-mass energy with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	103
535	Search for a vector gauge boson in ρ meson decays with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 706, 251-255	4.2	101
534	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using 4.7 fb ⁻¹ of $\sqrt{s}=7$ TeV proton-proton collision data. <i>Physical Review D</i> , 2013 , 87,	4.9	101
533	Precision measurement of α_s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 720, 336-343	4.2	100
532	Measurements of the Nuclear Modification Factor for Jets in Pb+Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2015 , 114, 072302	7.4	99
531	Search for dark matter candidates and large extra dimensions in events with a photon and missing transverse momentum in pp collision data at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2013 , 110, 011802	7.4	99
530	Search for new particles in two-jet final states in 7 TeV proton-proton collisions with the ATLAS detector at the LHC. <i>Physical Review Letters</i> , 2010 , 105, 161801	7.4	97
529	Combined search for the Standard Model Higgs boson in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2012 , 86,	4.9	96
528	Study of the decay $B \rightarrow \mu \mu$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 536, 209-216	4.2	96
527	Search for the Standard Model Higgs boson produced in association with top quarks and decaying into [Formula: see text] in [Formula: see text] collisions at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 349	4.2	94
526	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. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	92
525	Search for charginos nearly mass degenerate with the lightest neutralino based on a disappearing-track signature in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Physical Review D</i> , 2013 , 88,	4.9	92

524	Constraints on new phenomena via Higgs boson couplings and invisible decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	91
523	Measurement of the t-channel single top-quark production cross section in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 717, 330-350	4-2	91
522	Search for Higgs boson pair production in the $bb\bar{b}\bar{b}$ final state using pp collision data at $\sqrt{s}=8$ TeV from the ATLAS detector. <i>Physical Review Letters</i> , 2015 , 114, 081802	7-4	90
521	Search for a CP-odd Higgs boson decaying to Zh in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 744, 163-183	4-2	88
520	Searches for Higgs boson pair production in the $hh\rightarrow\tau\tau^*$, $bb\bar{b}\bar{b}$ channels with the ATLAS detector. <i>Physical Review D</i> , 2015 , 92,	4-9	87
519	Measurement of long-range pseudorapidity correlations and azimuthal harmonics in $\sqrt{s}=5.02$ TeV proton-lead collisions with the ATLAS detector. <i>Physical Review C</i> , 2014 , 90,	2-7	87
518	Search for the Standard Model Higgs boson in the decay channel $H\rightarrow ZZ(\rightarrow 4\ell)$ with 4.8 fb $^{-1}$ of pp collision data at $\sqrt{s}=7$ TeV with ATLAS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 383-402	4-2	86
517	Observation and measurement of Higgs boson decays to WW^* with the ATLAS detector. <i>Physical Review D</i> , 2015 , 92,	4-9	86
516	Measurement of the pseudoscalar mixing angle and α . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 648, 267-273	4-2	86
515	Search for high-mass diphoton resonances in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2015 , 92,	4-9	85
514	Measurement of $[Z/\tau]$ production with a veto on additional central jet activity in collisions at $[Z/\tau]$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 2043	4-2	82
513	Readiness of the ATLAS Tile Calorimeter for LHC collisions. <i>European Physical Journal C</i> , 2010 , 70, 1193-1236	2-3	82
512	Search for dark matter in events with a Z boson and missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2014 , 90,	4-9	79
511	Measurement of the Z/τ boson transverse momentum distribution in pp collisions at $(\sqrt{s}=7)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	79
510	Data handling, reconstruction, and simulation for the KLOE experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 534, 403-433	1-2	79
509	Centrality and rapidity dependence of inclusive jet production in $\sqrt{s}=5.02$ TeV proton-lead collisions with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 748, 392-413	4-2	77
508	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	76
507	Search for a light charged Higgs boson in the decay channel $[Z/\tau]$ in $[Z/\tau]$ events using collisions at $[Z/\tau]$ with the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2465	4-2	76

506	Search for massive, long-lived particles using multitrack displaced vertices or displaced lepton pairs in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2015 , 92,	4.9	75
505	Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	74
504	Search for production of [Formula: see text] resonances decaying to a lepton, neutrino and jets in [Formula: see text] collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 209	4.2	73
503	Evidence for electroweak production of $W\bar{W}jj$ in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2014 , 113, 141803	7.4	73
502	The trigger system of the KLOE experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 492, 134-146	1.2	73
501	ATLAS search for new phenomena in dijet mass and angular distributions using pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	72
500	Measurement of the inclusive jet cross-section in collisions at [Formula: see text] and comparison to the inclusive jet cross-section at [Formula: see text] using the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2509	4.2	71
499	Search for direct top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in $\sqrt{s} = 7$ TeV pp collisions using 4.7 fb ⁻¹ of ATLAS data. <i>Physical Review Letters</i> , 2012 , 109, 211803	7.4	70
498	Measurement of $W+W\bar{W}$ production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector and limits on anomalous WWZ and $WW\gamma$ couplings. <i>Physical Review D</i> , 2013 , 87,	4.9	70
497	The ATLAS Inner Detector commissioning and calibration. <i>European Physical Journal C</i> , 2010 , 70, 787-821	4.2	70
496	Searches for scalar leptoquarks in collisions at [Formula: see text] = 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 5	4.2	68
495	Search for light vector boson production in $e+e\bar{e}$ interactions with the KLOE experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 459-464	4.2	68
494	Measurement of upsilon production in 7 TeV pp collisions at ATLAS. <i>Physical Review D</i> , 2013 , 87,	4.9	68
493	Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	67
492	Jet mass and substructure of inclusive jets in ($\sqrt{s} = 7$; {text{TeV}}) pp collisions with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	67
491	Observation of spin correlation in $t\bar{t}$ events from pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. <i>Physical Review Letters</i> , 2012 , 108, 212001	7.4	67
490	Study of the decay $\tau \rightarrow \mu \nu \bar{\nu}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 634, 148-154	4.2	67
489	Search for Higgs boson pair production in the [Formula: see text] final state from collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 412	4.2	66

488	Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1-39	5-4	66
487	Search for Higgs boson decays to a photon and a Z boson in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 732, 8-27	4-2	66
486	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	65
485	Search for the (\overline{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	5-4	64
484	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum at ($\sqrt{s}=8$) TeV proton-proton collisions using the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	64
483	Measurements of normalized differential cross sections for $t\bar{t}$ production in pp collisions at ($\sqrt{s}=7$) TeV using the ATLAS detector. <i>Physical Review D</i> , 2014 , 90,	4-9	64
482	Measurement of the transverse momentum and [Formula: see text] distributions of Drell-Yan lepton pairs in proton-proton collisions at [Formula: see text]TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 291	4-2	63
481	Search for new phenomena in events with a photon and missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2015 , 91,	4-9	62
480	Search for resonant diboson production in the [Formula: see text] final state in [Formula: see text] collisions at [Formula: see text]TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 69	4-2	62
479	Search for dark matter in events with heavy quarks and missing transverse momentum in [Formula: see text] collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 92	4-2	60
478	First observation of quantum interference in the process $\gamma^* \rightarrow K^* K^* L^+ L^-$ A test of quantum mechanics and CPT symmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 642, 315-321	4-2	60
477	Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	59
476	Limit on the production of a low-mass vector boson in $e^+e^- \rightarrow U^+e^-e^+U^-$ with the KLOE experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 750, 633-637	4-2	58
475	Measurement of the W $\rightarrow \mu\nu$ and Z $\rightarrow \mu\mu$ production cross sections in proton-proton collisions at ($\sqrt{s} = 7$; {text{TeV}}) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5-4	58
474	A search for (\overline{t}) resonances using lepton-plus-jets events in proton-proton collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	57
473	Search for a supersymmetric partner to the top quark in final states with jets and missing transverse momentum at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2012 , 109, 211802	7-4	57
472	Search for charged Higgs bosons decaying via $H^\pm \rightarrow \tau^\pm \nu_\tau$ in fully hadronic final states using pp collision data at (\sqrt{s}) = 8 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	56
471	Constraints on the off-shell Higgs boson signal strength in the high-mass and final states with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 335	4-2	56

470	A particle consistent with the Higgs boson observed with the ATLAS detector at the Large Hadron Collider. <i>Science</i> , 2012 , 338, 1576-82	33-3	56
469	Limit on the production of a new vector boson in $e^+e^- \rightarrow \mu^+\mu^-$ with the KLOE experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 757, 356-361	4-2	56
468	Measurement of the high-mass Drell-Yan differential cross-section in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 223-242	4-2	55
467	Search for resonances decaying into top-quark pairs using fully hadronic decays in pp collisions with ATLAS at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	55
466	Measurements of top quark pair relative differential cross-sections with ATLAS in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>European Physical Journal C</i> , 2013 , 73, 1	4-2	55
465	Summary of the searches for squarks and gluinos using $(\sqrt{s}=8)$ TeV pp collisions with the ATLAS experiment at the LHC. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	55
464	Search for H-boson produced in association with top quarks and constraints on the Yukawa coupling between the top quark and the Higgs boson using data taken at 7 TeV and 8 TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 740, 222-242	4-2	55
463	Fiducial and differential cross sections of Higgs boson production measured in the four-lepton decay channel in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 738, 234-253	4-2	55
462	Search for the decay $H \rightarrow \mu\mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 387-407	4-2	55
461	Evidence for the associated production of a W boson and a top quark in ATLAS at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 142-159	4-2	55
460	Characterisation and mitigation of beam-induced backgrounds observed in the ATLAS detector during the 2011 proton-proton run. <i>Journal of Instrumentation</i> , 2013 , 8, P07004-P07004	1	55
459	Measurements of the absolute branching ratios for the dominant $H \rightarrow \tau\tau$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 632, 43-50	4-2	55
458	Measurements of the $[t\bar{t}]$ production cross sections in association with jets with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 82	4-2	54
457	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	54
456	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	54
455	Measurement of $W \rightarrow Z$ production in proton-proton collisions at $(\sqrt{s}=7 \text{ TeV})$ with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	54
454	Search for new phenomena in events with at least three photons collected in collisions at $[\sqrt{s}] = 8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 210	4-2	53
453	Search for a heavy top-quark partner in final states with two leptons with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	53

452	Search for long-lived stopped R-hadrons decaying out of time with pp collisions using the ATLAS detector. <i>Physical Review D</i> , 2013 , 88,	4.9	53
451	Search for quark contact interactions in dijet angular distributions in pp collisions at $\sqrt{s}=7$ TeV measured with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 694, 327-345	4.2	53
450	Dalitz plot analysis of $e^+e^- \rightarrow \mu^+\mu^-$ events at $(\sqrt{s} \simeq M_{\phi})$ with the KLOE detector. <i>European Physical Journal C</i> , 2007 , 49, 473	4.2	53
449	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	52
448	Search for long-lived, weakly interacting particles that decay to displaced hadronic jets in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2015 , 92,	4.9	52
447	Search for WZ resonances in the fully leptonic channel using pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 737, 223-243	4.2	52
446	Search for the Standard Model Higgs boson decay to $\mu\mu$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 738, 68-86	4.2	52
445	Observation of an excited $B_c(\Theta)$ meson state with the ATLAS detector. <i>Physical Review Letters</i> , 2014 , 113, 212004	7.4	52
444	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3157	4.2	52
443	Measurement of the W boson polarization in top quark decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	52
442	Study of the branching ratio and charge asymmetry for the decay $K_S \rightarrow \mu\mu$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 636, 173-182	4.2	52
441	Measurement of the electromagnetic form factor of the proton in the time-like region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 334, 431-434	4.2	52
440	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2015 , 75, 120	4.2	51
439	Search for the associated production of the Higgs boson with a top quark pair in multilepton final states with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 749, 519-541	4.2	51
438	Measurement of Z boson production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2013 , 110, 022301	7.4	51
437	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. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	50
436	Search for direct pair production of a chargino and a neutralino decaying to the 125 GeV Higgs boson in $\sqrt{s}=7$ TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 208	4.2	50
435	Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2015 , 75, 303	4.2	49

434	Measurement of charged-particle spectra in Pb+Pb collisions at ($\sqrt{s_{\mathrm{NN}}}$)=2.76 TeV with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	49
433	Search for high-mass resonances decaying to dilepton final states in pp collisions at (\sqrt{s})=7 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	49
432	Measurements of W and Z production in pp collisions at s=7 TeV with the ATLAS detector at the LHC. <i>Physical Review D</i> , 2013 , 87,	4-9	49
431	Measurement of spin correlation in top-antitop quark events and search for top squark pair production in pp collisions at \sqrt{s} =8 TeV using the ATLAS detector. <i>Physical Review Letters</i> , 2015 , 114, 142001	7-4	48
430	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in collisions at [Formula: see text] using the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 538	4-2	48
429	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in 4.7 fb of (\sqrt{s}) = 7;TeV proton-proton collisions. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	48
428	Search for the neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at (\sqrt{s})=7 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	47
427	Comprehensive measurements of t-channel single top-quark production cross sections at s=7 TeV with the ATLAS detector. <i>Physical Review D</i> , 2014 , 90,	4-9	47
426	Search for a new resonance decaying to a or boson and a Higgs boson in the [Formula: see text] final states with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 263	4-2	46
425	Search for the electroweak production of supersymmetric particles in s=8 TeV pp collisions with the ATLAS detector. <i>Physical Review D</i> , 2016 , 93,	4-9	46
424	Light-quark and gluon jet discrimination in [Formula: see text] collisions at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3023	4-2	46
423	Search for lepton-flavour-violating H \rightarrow decays of the Higgs boson with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	46
422	Study of the a ₀ (980) meson via the radiative decay $\gamma \rightarrow \pi$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 681, 5-13	4-2	46
421	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. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	45
420	Search for invisible decays of a Higgs boson using vector-boson fusion in pp collisions at (\sqrt{s})=8 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	45
419	Measurement of ZZ production in pp collisions at (\sqrt{s})=7 TeV and limits on anomalous ZZZ and ZZ couplings with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	45
418	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at [Formula: see text] TeV in 2010. <i>European Physical Journal C</i> , 2014 , 74, 3034	4-2	45
417	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. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	45

416	Search for magnetic monopoles in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. <i>Physical Review Letters</i> , 2012 , 109, 261803	7-4	45
415	Measurement of the azimuthal angle dependence of inclusive jet yields in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2013 , 111, 152301	7-4	45
414	Search for pair-produced long-lived neutral particles decaying to jets in the ATLAS hadronic calorimeter in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 15-34	4-2	44
413	Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\sqrt{s}=7$ TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 318	4-2	44
412	Identification of boosted, hadronically decaying bosons and comparisons with ATLAS data taken at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2016 , 76, 154	4-2	44
411	Measurement of isolated-photon pair production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	44
410	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2013 , 73, 1	4-2	44
409	Search for vectorlike B quarks in events with one isolated lepton, missing transverse momentum, and jets at $s=8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2015 , 91,	4-9	44
408	Search for the Standard Model Higgs boson in the $H \rightarrow WW \rightarrow 4\ell$ decay mode with 4.7 fb ⁻¹ of ATLAS data at $s=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 62-81	4-2	44
407	Precise measurement of $\Gamma(K \rightarrow \pi \ell \bar{\nu})/\Gamma(K \rightarrow \pi \ell \bar{\nu})$ and study of $K \rightarrow \pi \ell \bar{\nu}$. <i>European Physical Journal C</i> , 2009 , 64, 627-636	4-2	44
406	Test of CPT and Lorentz symmetry in entangled neutral kaons with the KLOE experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 730, 89-94	4-2	43
405	Performance of jet substructure techniques for large-R jets in proton-proton collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	43
404	Study of the decay $B \rightarrow D \ell \bar{\nu}$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 561, 55-60	4-2	43
403	Search for $W \rightarrow b\bar{b}$ in the lepton plus jets final state in proton-proton collisions at a centre-of-mass energy of $s=8$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 235-255	4-2	42
402	Measurement of the differential cross-sections of prompt and non-prompt production of $[B \rightarrow D \ell \bar{\nu}]$ and $[B \rightarrow D \ell \bar{\nu}]$ in collisions at $\sqrt{s}=7$ TeV and 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 283	4-2	42
401	Summary of the ATLAS experiment's sensitivity to supersymmetry after LHC Run 1 interpreted in the phenomenological MSSM. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	42
400	Further search for supersymmetry at $s=7$ TeV in final states with jets, missing transverse momentum, and isolated leptons with the ATLAS detector. <i>Physical Review D</i> , 2012 , 86,	4-9	42
399	Measurement of $\Gamma(B \rightarrow D \ell \bar{\nu})/\Gamma(B \rightarrow D \ell \bar{\nu})$ and the pseudoscalar mixing angle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 541, 45-51	4-2	42

398	Search for direct top squark pair production in events with a [Formula: see text] boson, [Formula: see text]-jets and missing transverse momentum in [Formula: see text] TeV [Formula: see text] collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 2883	4.2	41
397	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. <i>European Physical Journal C</i> , 2010 , 70, 723-753	4.2	41
396	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	40
395	Search for Higgs bosons decaying to aa in the final state in pp collisions at $s=8$ TeV with the ATLAS experiment. <i>Physical Review D</i> , 2015 , 92,	4.9	40
394	Search for pair production of a new heavy quark that decays into a W boson and a light quark in pp collisions at $s=8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2015 , 92,	4.9	40
393	Measurement of top quark polarization in top-antitop events from proton-proton collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. <i>Physical Review Letters</i> , 2013 , 111, 232002	7.4	40
392	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 199	4.2	39
391	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	39
390	Search for long-lived, heavy particles in final states with a muon and multi-track displaced vertex in proton-proton collisions at $s=7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 280-298	4.2	39
389	Measurement of the inclusive isolated prompt photons cross section in pp collisions at $s=7$ TeV with the ATLAS detector using 4.6 fb^{-1} . <i>Physical Review D</i> , 2014 , 89,	4.9	39
388	A search for $(\overline{t}t)$ resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $(\sqrt{s}) = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	39
387	Observation and measurements of the production of prompt and non-prompt [Formula: see text] mesons in association with a [Formula: see text] boson in [Formula: see text] collisions at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 229	4.2	38
386	Search for tt resonances in the lepton plus jets final state with ATLAS using 4.7 fb^{-1} of pp collisions at $s=7$ TeV. <i>Physical Review D</i> , 2013 , 88,	4.9	38
385	Search for supersymmetry in events with four or more leptons in $s=8$ TeV pp collisions with the ATLAS detector. <i>Physical Review D</i> , 2014 , 90,	4.9	38
384	Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at $(\sqrt{s})=8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	38
383	Measurement of the top quark pair cross section with ATLAS in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 717, 89-108	4.2	38
382	Measurement of the absolute branching ratio for the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 632, 76-80	4.2	38
381	Measurement of the form-factor slopes for the decay $KL \rightarrow e^+e^-$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 636, 166-172	4.2	38

380	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	37
379	Search for pair production of heavy top-like quarks decaying to a high-pT W boson and a b quark in the lepton plus jets final state at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 1284-1302	4-2	37
378	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	5-4	37
377	A neural network clustering algorithm for the ATLAS silicon pixel detector. <i>Journal of Instrumentation</i> , 2014 , 9, P09009-P09009	1	37
376	Search for the lepton flavor violating decay $Z \rightarrow e\mu$ in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2014 , 90,	4-9	37
375	Search for the Standard Model Higgs boson in the $H \rightarrow \tau\tau$ decay mode in ($\sqrt{s} = 7, \text{TeV}$) pp collisions with ATLAS. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	37
374	Searches for heavy long-lived sleptons and R-hadrons with the ATLAS detector in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 720, 277-308	4-2	36
373	Search for a Charged Higgs Boson Produced in the Vector-Boson Fusion Mode with Decay $H(\pm) \rightarrow W(\pm)Z$ using pp Collisions at $\sqrt{s}=8$ TeV with the ATLAS Experiment. <i>Physical Review Letters</i> , 2015 , 114, 231801	7-4	36
372	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	36
371	Triggers for displaced decays of long-lived neutral particles in the ATLAS detector. <i>Journal of Instrumentation</i> , 2013 , 8, P07015-P07015	1	36
370	Study of the process . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 669, 223-228	4-2	36
369	Measurement of the DAΦNE luminosity with the KLOE detector using large angle Bhabha scattering. <i>European Physical Journal C</i> , 2006 , 47, 589	4-2	36
368	Nucleon time-like form factors below the ($\overline{\text{N}}\text{N}$) threshold. <i>European Physical Journal C</i> , 1999 , 11, 709-715	4-2	36
367	Search for long-lived, multi-charged particles in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 722, 305-323	4-2	35
366	Search for nonpointing and delayed photons in the diphoton and missing transverse momentum final state in 8 TeV pp collisions at the LHC using the ATLAS detector. <i>Physical Review D</i> , 2014 , 90,	4-9	35
365	Search for second generation scalar leptoquarks in pp collisions at ($\sqrt{s}=7\sim\text{TeV}$) with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	35
364	Search for direct slepton and gaugino production in final states with two leptons and missing transverse momentum with the ATLAS detector in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 879-901	4-2	35
363	Search for extra dimensions in diphoton events from proton-proton collisions at $\sqrt{s} = 7, \text{TeV}$ in the ATLAS detector at the LHC. <i>New Journal of Physics</i> , 2013 , 15, 043007	2-9	35

362	Search for gluinos in events with two same-sign leptons, jets, and missing transverse momentum with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 241802	7.4	35
361	Search for magnetic monopoles and stable particles with high electric charges in 8 TeV pp collisions with the ATLAS detector. <i>Physical Review D</i> , 2016 , 93,	4.9	34
360	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. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	34
359	Measurements of four-lepton production at the Z resonance in pp collisions at $\sqrt{s} = 7$ and 8 TeV with ATLAS. <i>Physical Review Letters</i> , 2014 , 112, 231806	7.4	34
358	ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	34
357	Search for same-sign top-quark production and fourth-generation down-type quarks in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	34
356	Search for contact interactions and large extra dimensions in dilepton events from pp collisions at $s=7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2013 , 87,	4.9	34
355	First measurement of the neutron electromagnetic form factor in the time-like region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 283-287	4.2	34
354	Search for Higgs and Z Boson Decays to J/ψ and $\psi(nS)$ with the ATLAS Detector. <i>Physical Review Letters</i> , 2015 , 114, 121801	7.4	33
353	Search for new phenomena in photon+jet events collected in proton-proton collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 562-578	4.2	33
352	Measurement of the WW cross section in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 712, 289-308	4.2	33
351	Measurement of angular correlations in Drell-Yan lepton pairs to probe Z boson transverse momentum at $s=7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 720, 32-51	4.2	33
350	Search for light top squark pair production in final states with leptons and b-jets with the ATLAS detector in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 720, 13-31	4.2	33
349	A global fit to determine the pseudoscalar mixing angle and the gluonium content of the η meson. <i>Journal of High Energy Physics</i> , 2009 , 2009, 105-105	5.4	33
348	Charged particle's flux measurement from PMMA irradiated by 80 MeV/u carbon ion beam. <i>Physics in Medicine and Biology</i> , 2012 , 57, 5667-78	3.8	33
347	Measurement of the top quark mass in the [Formula: see text] and [Formula: see text] channels using [Formula: see text][Formula: see text] ATLAS data. <i>European Physical Journal C</i> , 2015 , 75, 330	4.2	32
346	Measurements of the Total and Differential Higgs Boson Production Cross Sections Combining the H- $\gamma\gamma$ and H-ZZ [*] -4l Decay Channels at $\sqrt{s}=8$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2015 , 115, 091801	7.4	32
345	Search for Dark Matter in Events with Missing Transverse Momentum and a Higgs Boson Decaying to Two Photons in pp Collisions at $\sqrt{s}=8$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2015 , 115, 131801	7.4	32

344	Measurement of D^*_{Ξ} , D_{Ξ} and Ds_{Ξ} meson production cross sections in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>Nuclear Physics B</i> , 2016 , 907, 717-763	2.8	32
343	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	5.4	31
342	Measurement of the production and lepton charge asymmetry of $[Formula: see text]$ bosons in Pb+Pb collisions at $[Formula: see text]$ with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 23	4.2	31
341	Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton collisions at $[Formula: see text]\sqrt{s}$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3134	4.2	31
340	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	31
339	A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at $(\sqrt{s}=7\text{ TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	31
338	Search for light scalar top-quark pair production in final states with two leptons with the ATLAS detector in $(\sqrt{s}=7\text{ TeV})$ proton-proton collisions. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	31
337	Search for tb resonances in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2012 , 109, 081801	7.4	31
336	Measurement of the differential cross-section of highly boosted top quarks as a function of their transverse momentum in $\sqrt{s}=8$ TeV proton-proton collisions using the ATLAS detector. <i>Physical Review D</i> , 2016 , 93,	4.9	30
335	Search for top quark decays $t \rightarrow qH$ with $H \rightarrow \mu\mu$ using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4	30
334	Search for third generation scalar leptoquarks in pp collisions at $(\sqrt{s}=7)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	30
333	Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at $(\sqrt{s}=8)$ TeV with ATLAS. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	30
332	Measurement of the $[Formula: see text]$ production cross section in the tau + jets channel using the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2328	4.2	30
331	Search for supersymmetry in events with three leptons and missing transverse momentum in $(\sqrt{s}=7)$ TeV pp collisions with the ATLAS detector. <i>Physical Review Letters</i> , 2012 , 108, 261804	7.4	30
330	Measurement of the σ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 626, 15-23	4.2	30
329	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	5.4	29
328	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	29
327	Search for heavy vector-like quarks coupling to light quarks in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 712, 22-39	4.2	29

326	Search for massive supersymmetric particles decaying to many jets using the ATLAS detector in pp collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , 2015 , 91,	4.9	29
325	Z boson production in p+Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV measured with the ATLAS detector. <i>Physical Review C</i> , 2015 , 92,	2.7	29
324	Measurement of exclusive $\mu\mu$ production in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 749, 242-261	4.2	29
323	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	29
322	Search for supersymmetry in pp collisions at $\sqrt{s}=7$ TeV in final states with missing transverse momentum and b-jets with the ATLAS detector. <i>Physical Review D</i> , 2012 , 85,	4.9	29
321	Constraints on non-Standard Model Higgs boson interactions in an effective Lagrangian using differential cross sections measured in the $H\rightarrow\mu\mu$ decay channel at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 69-85	4.2	29
320	Two-particle Bose-Einstein correlations in collisions at [Formula: see text] 0.9 and 7 TeV measured with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 466	4.2	28
319	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. <i>European Physical Journal C</i> , 2016 , 76, 295	4.2	28
318	Search for single top-quark production via flavour-changing neutral currents at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 55	4.2	28
317	A direct search for the CP-violating decay $B_s^0\rightarrow\mu^+\mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 619, 61-70	4.2	28
316	Construction and performance of the lead-scintillating fiber calorimeter prototypes for the KLOE detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 354, 352-363	1.2	28
315	Measurement of the total $e^+e^-\rightarrow\mu^+\mu^-$ hadrons cross section near the $e^+e^-\rightarrow\mu^+\mu^-$ threshold. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 365, 427-430	4.2	28
314	Measurement of the inclusive jet cross-section in proton-proton collisions at ($\sqrt{s}=7$) TeV using 4.5 fb ⁻¹ of data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	27
313	Search for invisible decays of the Higgs boson produced in association with a hadronically decaying vector boson in collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 337	4.2	27
312	Combination of searches for WW, WZ, and ZZ resonances in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 755, 285-305	4.2	27
311	A search for prompt lepton-jets in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 299-317	4.2	27
310	Measurements of spin correlation in top-antitop quark events from proton-proton collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. <i>Physical Review D</i> , 2014 , 90,	4.9	27
309	The low energy tagger for the KLOE-2 experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 617, 81-84	1.2	27

308	Centrality, rapidity, and transverse momentum dependence of isolated prompt photon production in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV measured with the ATLAS detector. <i>Physical Review C</i> , 2016 , 93,	2.7	26
307	Measurement of the $\gamma \rightarrow e^+e^-$ transition form factor with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 757, 362-367	4.2	26
306	Measurement of $t\bar{t}$ and $t2$ production with $(\sqrt{s}) = 7$ TeV pp collisions at ATLAS. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	26
305	Analysis of events with b-jets and a pair of leptons of the same charge in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	26
304	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	26
303	Evidence for single top-quark production in the s-channel in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector using the Matrix Element Method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 756, 228-246	4.2	25
302	Search for displaced muonic lepton jets from light Higgs boson decay in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 721, 32-50	4.2	25
301	Multi-channel search for squarks and gluinos in $[Formula: see text]$ collisions with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2013 , 73, 2362	4.2	25
300	Search for $[Formula: see text]$ decays in $[Formula: see text]$ collisions at $[Formula: see text]=8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 165	4.2	25
299	Search for quantum black hole production in high-invariant-mass lepton+jet final states using pp collisions at $\sqrt{s}=8$ TeV and the ATLAS detector. <i>Physical Review Letters</i> , 2014 , 112, 091804	7.4	25
298	Measurement of $(\Gamma(B)/\Gamma(B^0))$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 910-914	4.2	25
297	Measurement of the top quark pair production charge asymmetry in proton-proton collisions at $(\sqrt{s}) = 7$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	24
296	Measurement of the production cross section of prompt J/ Υ mesons in association with a W Υ boson in pp collisions at $(\sqrt{s}) = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	24
295	Measurement of the differential cross-section of B + meson production in pp collisions at $(\sqrt{s}=7)$ TeV at ATLAS. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	24
294	Dynamics of isolated-photon plus jet production in pp collisions at $\sqrt{s}=7$ TeV. <i>Nuclear Physics B</i> , 2013 , 875, 483-535	5.8	24
293	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. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	24
292	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 841-859	4.2	24
291	Measurement of J/ Υ BN branching ratios and estimate of the phase of the strong decay amplitude. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 444, 111-118	4.2	24

290	Time-dependent angular analysis of the decay $B_s^0 \rightarrow J/\psi \phi$ and extraction of α_s and the CP-violating weak phase γ by ATLAS. <i>Journal of High Energy Physics</i> , 2012 , 2012,	5-4	23
289	Search for the Standard Model Higgs boson produced in association with a vector boson and decaying to a b-quark pair with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 369-390	4-2	23
288	Search for pair production of a new b' quark that decays into a Z boson and a bottom quark with the ATLAS detector. <i>Physical Review Letters</i> , 2012 , 109, 071801	7-4	23
287	Precise measurement of prompt photon emission from 80 MeV/u carbon ion beam irradiation. <i>Journal of Instrumentation</i> , 2012 , 7, P03001-P03001	1	23
286	Dijet production in $\sqrt{s}=7$ TeV pp collisions with large rapidity gaps at the ATLAS experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 754, 214-234	4-2	23
285	Search for heavy long-lived multi-charged particles in collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 362	4-2	22
284	A search for prompt lepton-jets in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	22
283	Precision measurement of the $B \rightarrow \pi \pi$ Dalitz plot distribution with the KLOE detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	22
282	Search for new light gauge bosons in Higgs boson decays to four-lepton final states in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector at the LHC. <i>Physical Review D</i> , 2015 , 92,	4-9	22
281	A search for high-mass resonances decaying to $\mu\mu$ in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	22
280	Search for heavy lepton resonances decaying to a Z boson and a lepton in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	22
279	Search for new phenomena in the $B \rightarrow \mu\mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 860-878	4-2	22
278	Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 79	4-2	21
277	Measurements of fiducial cross-sections for $B \rightarrow \mu\mu$ production with one or two additional μ -jets in collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 11	4-2	21
276	Flavor tagged time-dependent angular analysis of the $B_s^0 \rightarrow J/\psi \phi$ decay and extraction of α_s and the weak phase γ in ATLAS. <i>Physical Review D</i> , 2014 , 90,	4-9	21
275	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in $\sqrt{s}=8$ TeV collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3195	4-2	21
274	Measurement of the branching ratio of the $B \rightarrow \mu\mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 638, 140-145	4-2	21
273	A description of the ratio between electric and magnetic proton form factors by using space-like, time-like data and dispersion relations. <i>European Physical Journal C</i> , 2006 , 46, 421-428	4-2	21

272	Search for Scalar Charm Quark Pair Production in pp Collisions at $\sqrt{s}=8$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2015 , 114, 161801	7.4	20
271	Measurement of the top pair production cross section in 8 TeV proton-proton collisions using kinematic information in the lepton+jets final state with ATLAS. <i>Physical Review D</i> , 2015 , 91,	4.9	20
270	Evidence of $W\tau$ Production in pp Collisions at $\sqrt{s}=8$ TeV and Limits on Anomalous Quartic Gauge Couplings with the ATLAS Detector. <i>Physical Review Letters</i> , 2015 , 115, 031802	7.4	20
269	Study of the Dalitz decay $\pi^0 \rightarrow \pi^+ e^- \pi^0$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 1-6	4.2	20
268	Scalar mesons at KLOE. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009 , 186, 290-293		20
267	ATLAS measurements of the properties of jets for boosted particle searches. <i>Physical Review D</i> , 2012 , 86,	4.9	20
266	Measurement of the α_s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 694, 16-21	4.2	20
265	Upper limit on the $B \rightarrow \tau \nu$ branching ratio with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 606, 276-280	4.2	20
264	Measurement of differential J/ψ production cross sections and forward-backward ratios in p + Pb collisions with the ATLAS detector. <i>Physical Review C</i> , 2015 , 92,	2.7	19
263	Measurement of transverse energy-energy correlations in multi-jet events in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector and determination of the strong coupling constant $\alpha_s(m_Z)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 750, 427-447	4.2	19
262	Measurement of the cross-section of high transverse momentum vector bosons reconstructed as single jets and studies of jet substructure in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>New Journal of Physics</i> , 2014 , 16, 113013	2.9	19
261	Search for diphoton events with large missing transverse momentum in 7 TeV proton-proton collision data with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 411-430	4.2	19
260	The KLOE electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 494, 326-331	1.2	19
259	A new measurement of α_s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 301, 317-320	4.2	19
258	Measurement of the running of the fine structure constant below 1 GeV with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 485-492	4.2	18
257	Measurement of three-jet production cross-sections in [Formula: see text] collisions at 7 [Formula: see text] centre-of-mass energy using the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 228	4.2	18
256	Measurement of jet charge in dijet events from $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. <i>Physical Review D</i> , 2016 , 93,	4.9	18
255	Measurement of the underlying event in jet events from 7 (text {TeV}) proton-proton collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	18

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. <i>European Physical Journal C</i> , 2014 , 74, 2982	4.2	18
253	Measurement of the low-mass Drell-Yan differential cross section at $(\sqrt{s}) = 7$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
252	Measurement of jet shapes in top-quark pair events at $\sqrt{s}=7$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2676	4.2	18
251	A new limit on the CP violating decay $B \rightarrow \mu^+ \mu^- \gamma$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 54-60	4.2	18
250	Observation of top-quark pair production in association with a photon and measurement of the $t\bar{t}\gamma$ production cross section in pp collisions at $s=7$ TeV using the ATLAS detector. <i>Physical Review D</i> , 2015 , 91,	4.9	18
249	Search for New Phenomena in Dijet Angular Distributions in Proton-Proton Collisions at $\sqrt{s}=8$ TeV Measured with the ATLAS Detector. <i>Physical Review Letters</i> , 2015 , 114, 221802	7.4	18
248	Search for a Heavy Neutral Particle Decaying to e^+e^- or $\mu^+\mu^-$ in pp Collisions at $\sqrt{s}=8$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2015 , 115, 031801	7.4	18
247	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	5.4	18
246	Search for flavour-changing neutral current top quark decays $t \rightarrow q \gamma$ in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1-65	5.4	18
245	Search for metastable heavy charged particles with large ionisation energy loss in collisions at $\sqrt{s}=7$ TeV using the ATLAS experiment. <i>European Physical Journal C</i> , 2015 , 75, 407	4.2	18
244	Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at $(\sqrt{s}=7)$ TeV. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	18
243	Search for resonant diboson production in the $WW/WZ \rightarrow \mu^+\mu^-$ decay channels with the ATLAS detector at $s=7$ TeV. <i>Physical Review D</i> , 2013 , 87,	4.9	18
242	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in collision data at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 87	4.2	18
241	Combination of KLOE $(e^+e^- \rightarrow \mu^+\mu^-)$ measurements and determination of $(\sigma_{\mu^+\mu^-}^{\text{had}})$ in the energy range 0.10 Journal of High Energy Physics, 2018 , 2018, 1	5.4	17
240	Measurement of dijet cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	17
239	Search for dark Higgsstrahlung in $e^+e^- \rightarrow \mu^+\mu^- \gamma$ and missing energy events with the KLOE experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 365-372	4.2	17
238	Measurement of polarization in τ -decays with the ATLAS detector in collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2012 , 72, 2062	4.2	17
237	A LYSO calorimeter for the SuperB factory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 718, 107-109	1.2	17

236	Search for type-III seesaw heavy leptons in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2015 , 92,	4.9	17
235	Measurements of jet vetoes and azimuthal decorrelations in dijet events produced in [Formula: see text] collisions at [Formula: see text] using the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3117	4.2	17
234	Measurement of the parity-violating asymmetry parameter A_{FB}^b and the helicity amplitudes for the decay $B^0 \rightarrow J/\psi D$ with the ATLAS detector. <i>Physical Review D</i> , 2014 , 89,	4.9	17
233	Measurement of the b-hadron production cross section using decays to $B^0 \rightarrow J/\psi D$. <i>Nuclear Physics B</i> , 2012 , 864, 341-381	2.8	17
232	Measurement of the B^0 lifetime and mass in the ATLAS experiment. <i>Physical Review D</i> , 2013 , 87,	4.9	17
231	The FENICE detector at the e+e \bar{e} collider ADONE. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1993 , 337, 34-43	1.2	17
230	Search for dark matter produced in association with a Higgs boson decaying to two bottom quarks in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2016 , 93,	4.9	16
229	Search for photonic signatures of gauge-mediated supersymmetry in 8 TeV pp collisions with the ATLAS detector. <i>Physical Review D</i> , 2015 , 92,	4.9	16
228	Modelling Z $\rightarrow b\bar{b}$ processes in ATLAS with Embedded Z $\rightarrow b\bar{b}$ data. <i>Journal of Instrumentation</i> , 2015 , 10, P09018-P09018	1	16
227	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	5.4	16
226	Measurement of the ($\overline{t}W$) and ($\overline{t}Z$) production cross sections in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	16
225	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	5.4	16
224	Search for s-channel single top-quark production in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 740, 118-136	4.2	16
223	A measurement of the ratio of the production cross sections for [Formula: see text] and [Formula: see text] bosons in association with jets with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3168	4.2	16
222	Measurement of the production cross-section of $(\psi S) \rightarrow J/\psi + \psi + \psi$ in pp collisions at ($\sqrt{s}=7$) TeV at ATLAS. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
221	Search for anomalous production of prompt like-sign lepton pairs at ($\sqrt{s}=7$; TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	16
220	Search for scalar top quark pair production in natural gauge mediated supersymmetry models with the ATLAS detector in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 715, 44-60	4.2	16
219	Measurement of W and Z production cross sections in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 717, 49-69	4.2	16

218	Search for excited electrons and muons in $\sqrt{s}=8$ TeV proton-proton collisions with the ATLAS detector. <i>New Journal of Physics</i> , 2013 , 15, 093011	2.9	16
217	Observation of the rare $B_s \rightarrow e^+e^-$ decay with the KLOE experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 702, 324-328	4.2	16
216	Studies of the performance of the ATLAS detector using cosmic-ray muons. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	16
215	Calibration and performances of the KLOE calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 598, 239-243	1.2	16
214	Precise measurement of $\Gamma(K_S \rightarrow \pi^0)/\Gamma(K_S \rightarrow 0)$ with the KLOE detector at DAΦNE. <i>European Physical Journal C</i> , 2006 , 48, 767	4.2	16
213	The QCAL tile calorimeter of KLOE. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 483, 649-659	1.2	16
212	Measurement of $\Gamma(K_S \rightarrow \pi^0)/\Gamma(K_S \rightarrow 0)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 538, 21-26	4.2	16
211	Measurements of light yield, attenuation length and time response of long samples of Blue scintillating fibers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 370, 367-371	1.2	16
210	Search for flavour-changing neutral current top-quark decays to [Formula: see text] in [Formula: see text] collision data collected with the ATLAS detector at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2016 , 76, 12	4.2	16
209	Search for the X _b and other hidden-beauty states in the $B^0(1S)$ channel at ATLAS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 740, 199-217	4.2	15
208	Determination of spin and parity of the Higgs boson in the [Formula: see text] decay channel with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 231	4.2	15
207	Measurements of four-lepton production in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 552-572	4.2	15
206	Monitoring and data quality assessment of the ATLAS liquid argon calorimeter. <i>Journal of Instrumentation</i> , 2014 , 9, P07024-P07024	1	15
205	A search for high-mass resonances decaying to $\gamma\gamma$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 242-260	4.2	15
204	Measurement of the top quark charge in pp collisions at $(\sqrt{s}=7)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	15
203	Measurement of η meson production in $\pi\pi$ interactions and $(\pi^+\pi^-)$ with the KLOE detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	15
202	Search for direct chargino production in anomaly-mediated supersymmetry breaking models based on a disappearing-track signature in pp collisions at $(\sqrt{s}=7;\text{TeV})$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	15
201	Determination of the Ratio of b-Quark Fragmentation Fractions $f(s)/f(d)$ in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2015 , 115, 262001	7.4	15

200	Determination of the top-quark pole mass using $(\overline{t}) + 1$ -jet events collected with the ATLAS experiment in 7 TeV pp collisions. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	15
199	Search for WH production with a light Higgs boson decaying to prompt electron-jets in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>New Journal of Physics</i> , 2013 , 15, 043009	2.9	15
198	Measurement of the branching ratio and search for a CP violating asymmetry in the Λ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 675, 283-288	4.2	15
197	Search for resonant top quark plus jet production in $t\bar{t}+jets$ events with the ATLAS detector in pp collisions at $s=7$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	15
196	Prospects for e+e- physics at Frascati between the Φ and the Ψ . <i>European Physical Journal C</i> , 2007 , 50, 729	4.2	15
195	Determination of CP and CPT violation parameters in the neutral kaon system using the Bell-Steinberger relation and data from the KLOE experiment. <i>Journal of High Energy Physics</i> , 2006 , 2006, 011-011	5.4	15
194	Data acquisition and monitoring for the KLOE detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 516, 288-314 ^{1.2}	1.2	15
193	Commissioning of the New Taggers of the KLOE-2 Experiment. <i>Acta Physica Polonica B</i> , 2015 , 46, 81	1.9	14
192	Measurement of the (\overline{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	5.4	14
191	Search for the production of single vector-like and excited quarks in the Wt final state in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	14
190	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	14
189	Search for decays of stopped, long-lived particles from 7 TeV pp collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	14
188	Search for charged Higgs bosons through the violation of lepton universality in (\overline{t}) events using pp collision data at $(\sqrt{s}=7)$ TeV with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	14
187	Measurement of the production of neighbouring jets in lead-lead collisions at $s_{NN}=2.76$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 751, 376-395	4.2	14
186	Measurement of colour flow with the jet pull angle in $t\bar{t}$ events using the ATLAS detector at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 750, 475-493 ^{4.2}	4.2	14
185	Study of (W/Z)H production and Higgs boson couplings using $H \rightarrow W W^*$ decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	14
184	A search for [Formula: see text] resonances with the ATLAS detector in 2.05 fb of proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2083	4.2	14
183	Search for new phenomena in events with three charged leptons at $s=7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2013 , 87,	4.9	14

182	Commissioning of the ATLAS Muon Spectrometer with cosmic rays. <i>European Physical Journal C</i> , 2010 , 70, 875-916	4.2	14
181	Performance of the ATLAS detector using first collision data. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	14
180	Measurement and simulation of the neutron response and detection efficiency of a Pb-scintillating fiber calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 581, 368-372	1.2	14
179	Search for free neutron-antineutron oscillations. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1989 , 43, 175-179		14
178	Combined limit on the production of a light gauge boson decaying into $\mu\mu$ and $e\mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 784, 336-341	4.2	14
177	Simultaneous measurements of the $t\bar{t}$, $W+W$ and $Z/\nu\bar{\nu}$ production cross-sections in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2015 , 91,	4.9	13
176	Measurement of the transverse polarization of Λ and Σ hyperons produced in proton-proton collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. <i>Physical Review D</i> , 2015 , 91,	4.9	13
175	Identification of high transverse momentum top quarks in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
174	Addendum to Measurement of the $(t\bar{t})$ production cross-section using (emu) events with b-tagged jets in pp collisions at ($\sqrt{s}) = 7$ and 8 (TeV) with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	13
173	Study of the $[B \rightarrow D^* \ell \bar{\nu}]$ and $[B \rightarrow D^* \ell \nu]$ decays with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 4	4.2	13
172	Standalone vertex finding in the ATLAS muon spectrometer. <i>Journal of Instrumentation</i> , 2014 , 9, P02001-P02001		13
171	Study of the time and space distribution of emitters from carbon ion beam irradiation on PMMA. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2012 , 283, 1-8	1.2	13
170	Search for a heavy narrow resonance decaying to $e\mu$ or $\mu\mu$ with the ATLAS detector in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 15-32	4.2	13
169	Search for R-parity-violating supersymmetry in events with four or more leptons in ($\sqrt{s}=7;\text{TeV}$) pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	13
168	Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	13
167	Search for nonpointing photons in the diphoton and $E_{T\text{miss}}$ final state in $\sqrt{s}=7$ TeV proton-proton collisions using the ATLAS detector. <i>Physical Review D</i> , 2013 , 88,	4.9	13
166	Search for microscopic black holes in a like-sign dimuon final state using large track multiplicity with the ATLAS detector. <i>Physical Review D</i> , 2013 , 88,	4.9	13
165	Upper limit on the $B \rightarrow D^* \ell \bar{\nu}$ branching ratio with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 591, 49-54	4.2	13

164	Measurement of the branching fraction for the decay $K_S \rightarrow \pi^0 \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 535, 37-42	4.2	13
163	Measurement of the leptonic decay widths of the ρ -meson with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 608, 199-205	4.2	13
162	Determination of nucleon and pion form factors via dispersion relations. <i>Nuclear Physics A</i> , 2000 , 666-667, 38-43	1.3	13
161	Nucleon time-like form factors below the $(\overline{\text{N}}/\text{N})$ threshold 1999 , 11, 709		13
160	Muon reconstruction and identification efficiency in ATLAS using the full Run 2 pp collision data set at $(\sqrt{s}=13)$ TeV. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	13
159	Measurement of the $W W + W Z$ 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	5.4	12
158	Measurement of the production cross-section of a single top quark in association with a W boson at 8 TeV with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	12
157	Probing lepton flavour violation via neutrinoless [Formula: see text] decays with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 232	4.2	12
156	Search for anomalous couplings in the $W t b$ vertex from the measurement of double differential angular decay rates of single top quarks produced in the t-channel with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1-46	5.4	12
155	The differential production cross section of the [Formula: see text](1020) meson in [Formula: see text] = 7 TeV [Formula: see text] collisions measured with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 2895	4.2	12
154	Operation and performance of the ATLAS semiconductor tracker. <i>Journal of Instrumentation</i> , 2014 , 9, P08009-P08009	1	12
153	Search for a multi-Higgs-boson cascade in $W+Wb\bar{b}$ events with the ATLAS detector in pp collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , 2014 , 89,	4.9	12
152	Search for a standard model Higgs boson in the $H \rightarrow Z Z \rightarrow 4\ell$ decay channel using 4.7 fb of $\sqrt{s}=7$ TeV data with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 717, 29-48	4.2	12
151	Measurement of the flavour composition of dijet events in pp collisions at $(\sqrt{s}=7)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	12
150	Search for resonant WZ production in the $WZ \rightarrow \ell \ell$ channel in $(\sqrt{s}=7)$ TeV pp collisions with the ATLAS detector. <i>Physical Review D</i> , 2012 , 85,	4.9	12
149	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. <i>European Physical Journal C</i> , 2010 , 70, 755-785	4.2	12
148	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $(\sqrt{s}=7)$ TeV with ATLAS. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	11
147	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. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	11

146	Underlying event characteristics and their dependence on jet size of charged-particle jet events in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2012 , 86,	4.9	11
145	Measurement of the correlation between the polar angles of leptons from top quark decays in the helicity basis at $\sqrt{s}=7$ TeV using the ATLAS detector. <i>Physical Review D</i> , 2016 , 93,	4.9	10
144	Measurement of the CP-violating phase ϕ_s and the B^0_s meson decay width difference with $B^0_s \rightarrow J/\psi$ decays in ATLAS. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
143	Search for lepton flavour violation in the continuum with the ATLAS detector in [Formula: see text] collisions at the LHC. <i>European Physical Journal C</i> , 2012 , 72, 2040	4.2	10
142	Measurement of the cross section of high transverse momentum $Z\text{-}b\bar{b}$ production in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 738, 25-43	4.2	10
141	Study of heavy-flavor quarks produced in association with top-quark pairs at $\sqrt{s}=7$ TeV using the ATLAS detector. <i>Physical Review D</i> , 2014 , 89,	4.9	10
140	Search for events with large missing transverse momentum, jets, and at least two tau leptons in 7 TeV proton-proton collision data with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 180-196	4.2	10
139	Search for the Higgs boson in the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 391-410	4.2	10
138	Measurement of charged-particle event shape variables in inclusive $\sqrt{s}=7$ TeV proton-proton interactions with the ATLAS detector. <i>Physical Review D</i> , 2013 , 88,	4.9	10
137	Precision measurement of the K_S meson lifetime with the KLOE detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	10
136	Search for the $K_S \rightarrow e^+e^-$ decay with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 672, 203-208	4.2	10
135	Search for the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 679, 10-14	4.2	10
134	Determination of $B^0 \rightarrow \pi^0\pi^0$ Dalitz plot slopes and asymmetries with the KLOE detector. <i>Journal of High Energy Physics</i> , 2008 , 2008, 006-006	5.4	10
133	Measurement of the ratio $\Gamma(K_L \rightarrow \pi^0\pi^0)/\Gamma(K_L \rightarrow \pi^+\pi^-)$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 566, 61-69	4.2	10
132	The KLOE drift chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 461, 25-28	1.2	10
131	Measurement of the dependence of transverse energy production at large pseudorapidity on the hard-scattering kinematics of proton-proton collisions at $\sqrt{s}=2.76$ TeV with ATLAS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 756, 10-28	4.2	9
130	Search for single . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 721, 171-189	4.2	9
129	Measurement of the branching ratio $\Gamma(B^0 \rightarrow \pi^+\pi^0)/\Gamma(B^0 \rightarrow \pi^0\pi^0)$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 751, 63-80	4.2	9

128	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb ⁻¹ of (\sqrt{s}) = 8 TeV proton-proton collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	9
127	Search for a Standard Model Higgs boson in the mass range 200–800 GeV in the H→ZZ→qq decay channel with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 717, 70-88	4.2	9
126	The KLOE electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 360, 201-205	1.2	9
125	Scattering of thermal photons by a 46 GeV positron beam at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 262, 135-138	4.2	9
124	Measurement of the charge asymmetry for the KS → ππ decay and test of CPT symmetry with the KLOE detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	9
123	Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in (\sqrt{s}) = 13 TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
122	IRIDE: Interdisciplinary research infrastructure based on dual electron linacs and lasers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 740, 138-146	1.2	8
121	Measurement of the mass difference between top and anti-top quarks in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 363-379	4.2	8
120	Measurement of splitting scales in τ -events at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2432	4.2	8
119	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 158	4.2	8
118	Measurement of the branching ratio for the decay $K_S^0 \rightarrow \pi^0 \pi^0$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 597, 139-144	4.2	8
117	Measuring the hadronic cross section via radiative return. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003 , 116, 243-248		8
116	What can we learn about the ratio $ G_E(q^2)/G_M(q^2) $ by using space-like, time-like data and dispersion relations?. <i>Nuclear Physics A</i> , 2005 , 755, 286-289	1.3	8
115	Evidence for ($\bar{t}t$) production in the multilepton final state in proton-proton collisions at ($\sqrt{s}=13$) (text {TeV}) with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	8
114	Search for new phenomena in events with two opposite-charge leptons, jets and missing transverse momentum in pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	8
113	Search for heavy resonances decaying into a pair of Z bosons in the ($e^+e^- \rightarrow e^+e^- \gamma^* \gamma^* \rightarrow e^+e^- \nu \bar{\nu}$) final states using 139 (mathrm {fb}^{-1}) of proton-proton collisions at ($\sqrt{s} = 13$), TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	8
112	Search for charged Higgs bosons decaying into a top quark and a bottom quark at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	8
111	Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fb ⁻¹ of (\sqrt{s}) = 13 TeV pp collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	8

110	Measurement of the absolute branching ratio of the τ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 666, 305-310	4.2	7
109	Calibration and reconstruction performances of the KLOE electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 461, 344-347	1.2	7
108	Final results of a search for free neutron-antineutron oscillations 1990 , 103, 731-750		7
107	Search for type-III seesaw heavy leptons in dilepton final states in pp collisions at $(\sqrt{s} = 13, \text{text \{TeV\}})$ with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	7
106	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $(\ell\ell\ell\ell\text{bb})$ and $(\ell\ell\ell\ell\text{WW})$ final states in pp collisions at $(\sqrt{s}=13)$ (text \{TeV\}) with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	7
105	Search for direct top squark pair production in final states with two tau leptons in collisions at $[\text{Formula: see text}] \text{TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 81	4.2	7
104	A new method to distinguish hadronically decaying boosted bosons from bosons using the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 238	4.2	6
103	Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	6
102	Search for supersymmetry in events with photons, bottom quarks, and missing transverse momentum in proton-proton collisions at a centre-of-mass energy of 7 TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 261-279	4.2	6
101	Search for supersymmetry with jets, missing transverse momentum and at least one hadronically decaying τ lepton in proton-proton collisions at $s=7\text{TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 197-214	4.2	6
100	Autocalibration of high precision drift tubes. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1997 , 54, 311-316		6
99	Construction of the inner layer barrel drift chambers of the ATLAS muon spectrometer at the LHC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 546, 481-497	1.2	6
98	Performance of fine mesh photomultiplier tubes in magnetic fields up to 0.3 T. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 368, 628-634	1.2	6
97	Performance of a highly segmented scintillating fibres electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1993 , 326, 477-482	1.2	6
96	Search for new phenomena in final states with b-jets and missing transverse momentum in $(\sqrt{\text{mathrm\{s\}}}) = 13$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	6
95	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a lepton in pp collisions at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	6
94	Measurement of the branching fraction for the decay $K \rightarrow \pi\pi$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 804, 135378	4.2	5
93	Measurements of the top quark branching ratios into channels with leptons and quarks with the ATLAS detector. <i>Physical Review D</i> , 2015 , 92,	4.9	5

92	Measurement of four-jet differential cross sections in ($\sqrt{s}=8$) TeV proton-proton collisions using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1-76	5-4	5
91	Status of the KLOE electromagnetic calorimeter: final optimization, progress in construction and first calibration. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1997 , 54, 14-19		5
90	Measurement of the K^0 form factor parameters with the KLOE detector. <i>Journal of High Energy Physics</i> , 2007 , 2007, 105-105	5-4	5
89	Fast luminosity monitor at LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 349, 27-31	1.2	5
88	Fast measurement of luminosity at LEP by detecting the single bremsstrahlung photons. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1991 , 306, 467-473	1.2	5
87	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb \int of Pb+Pb data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5-4	5
86	Search for pair production of scalar leptoquarks decaying into first- or second-generation leptons and top quarks in proton-proton collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4-2	5
85	Search for dark matter in association with an energetic photon in pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5-4	5
84	Measurement of the pion form factor for M^2 between 0.1 and 0.85 GeV 2 with the KLOE detector. <i>Chinese Physics C</i> , 2010 , 34, 686-691	2-2	4
83	The ADCs and TDCs for the KLOE electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 409, 675-678	1.2	4
82	Determination of $\langle\sigma(e^+e^- \rightarrow \mu^+\mu^-)\rangle$ from radiative processes at DANE. <i>European Physical Journal C</i> , 2004 , 33, s656-s658	4-2	4
81	The KLOE drift chamber VCI 2001. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 478, 138-141	1.2	4
80	Alignment of the ATLAS Inner Detector in Run 2. <i>European Physical Journal C</i> , 2020 , 80, 1	4-2	4
79	Search for dark matter produced in association with a single top quark in ($\sqrt{s}=13$) TeV (pp) collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4-2	4
78	Search for the standard model Higgs boson produced in association with a vector boson and decaying into a tau pair in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2016 , 93,	4-9	3
77	Measurement of the absolute branching ratio of the $K^+ \rightarrow \pi^0 \ell^+ \ell^-$ decay with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 738, 128-133	4-2	3
76	Quality checks and first calibration of the KLOE electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 409, 558-560	1.2	3
75	Measurement of the absolute branching ratios for semileptonic K^0 decays with the KLOE detector. <i>Journal of High Energy Physics</i> , 2008 , 2008, 098-098	5-4	3

74	A study of the radiative $KL \rightarrow \pi\ell\ell$ decay and search for direct photon emission with the KLOE detector. <i>European Physical Journal C</i> , 2008 , 55, 539	4.2	3
73	Space resolution obtained with a highly segmented SCIFI e.m. calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 315, 327-331	1.2	3
72	Measurement of the inclusive jet cross-section in proton-proton collisions at ($\sqrt{s}=7$) TeV using 4.5 fb ⁻¹ of data with the ATLAS detector 2015 , 2015, 1		3
71	Search for doubly and singly charged Higgs bosons decaying into vector bosons in multi-lepton final states with the ATLAS detector using proton-proton collisions at ($\sqrt{\text{mathrm{s}}}$) = 13 TeV. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	3
70	Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	2
69	Measurement and simulation of the neutron detection efficiency with a Pb-scintillating fiber calorimeter. <i>Journal of Physics: Conference Series</i> , 2009 , 160, 012023	0.3	2
68	Measurement of the charged kaon lifetime with the KLOE detector. <i>Journal of High Energy Physics</i> , 2008 , 2008, 073-073	5.4	2
67	The barrel-inner-large tracking chambers for the ATLAS muon spectrometer: Ready for installation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 573, 340-360	1.2	2
66	A description of the ratio between electric and magnetic proton form factors by using space-like, time-like data and dispersion relations. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006 , 162, 46-52		2
65	The electromagnetic calorimeter of the KLOE experiment at DANIE. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 379, 511-514	1.2	2
64	Thermal neutron radiation damage on light yield and attenuation length of scintillating fibres. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 338, 398-403	1.2	2
63	Measurement of multi-muon events in a flash chamber tracking calorimeter at sea level 1991 , 14, 363-375		2
62	Anisotropy in the Direction of Cosmic-Muon Bundles Observed at Sea Level in the Northern Hemisphere. <i>Europhysics Letters</i> , 1990 , 11, 287-292	1.6	2
61	Search for R-parity-violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment using ($\sqrt{s} = 13\text{TeV}$) proton-proton collision data. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	2
60	Search for dark matter in events with missing transverse momentum and a Higgs boson decaying into two photons in pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
59	Optimisation of large-radius jet reconstruction for the ATLAS detector in 13 TeV proton-proton collisions. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	2
58	Search for supersymmetry in events with four or more charged leptons in 139 fb ⁻¹ of (\sqrt{s}) = 13 TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
57	RECENT RESULTS FROM KLOE AT DANIE. <i>International Journal of Modern Physics E</i> , 2009 , 18, 231-240	0.7	1

56	Measurement of the detection efficiency of the KLOE calorimeter for neutrons between 22 and 174 MeV. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 598, 244-247	1.2	1
55	KLOE results on light meson spectroscopy and prospects for KLOE-2. <i>Journal of Physics: Conference Series</i> , 2012 , 349, 012002	0.3	1
54	Precise measurements of the D meson and the neutral kaon masses with the KLOE detector. <i>Journal of High Energy Physics</i> , 2007 , 2007, 073-073	5.4	1
53	Measurement of hadronic cross section and preliminary results on the pion form factor using the radiative return at DAΦNE. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003 , 123, 177-185		1
52	The hadronic cross section measurement at KLOE. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005 , 144, 231-237		1
51	Performance of a scintillating fibres semiprojective electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 357, 363-368	1.2	1
50	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at ($\sqrt{s}=8, \text{ TeV}$) with the ATLAS detector 2016 , 76, 1		1
49	Search for Higgs boson production in association with a high-energy photon via vector-boson fusion with decay into bottom quark pairs at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
48	Determination of the parton distribution functions of the proton from ATLAS measurements of differential W and Z boson production in association with jets. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
47	A search for the decays of stopped long-lived particles at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
46	Measurements of the inclusive and differential production cross sections of a top-quark-antiquark pair in association with a Z boson at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
45	Search for phenomena beyond the Standard Model in events with large b-jet multiplicity using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
44	Search for chargino-neutralino pair production in final states with three leptons and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
43	Configuration and performance of the ATLAS b-jet triggers in Run 2. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
42	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s} = 7, 8$ and 13 TeV. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	1
41	The KLOE computing environment. <i>IEEE Transactions on Nuclear Science</i> , 2004 , 51, 897-902	1.7	0
40	Performance of the ATLAS Level-1 topological trigger in Run 2. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	0
39	Search for exotic decays of the Higgs boson into $b\bar{b}$ and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0

38	Observation of electroweak production of two jets in association with an isolated photon and missing transverse momentum, and search for a Higgs boson decaying into invisible particles at 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	○
37	Measurement of the $t(\overline{t})t(\overline{t})$ production cross section in pp collisions at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	○
36	Measurements of $W+W\#$ jet production cross-sections in pp collisions at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	○
35	Measurements of Higgs bosons decaying to bottom quarks from vector boson fusion production with the ATLAS experiment at $(\sqrt{s}=13,\text{TeV})$. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	○
34	Measurements of differential cross-sections in four-lepton events in 13 TeV proton-proton collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	○
33	Search for squarks and gluinos in final states with one isolated lepton, jets, and missing transverse momentum at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	○
32	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with 139 fb of pp collision data at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	○
31	AtlFast3: The Next Generation of Fast Simulation in ATLAS. <i>Computing and Software for Big Science</i> , 2022 , 6, 1	6	○
30	Measurement of the energy response of the ATLAS calorimeter to charged pions from $W^{\pm} \rightarrow \tau^{\pm} \rightarrow \pi^{\pm} \nu_{\tau} \nu_{\tau}$ events in Run2 data. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	○
29	Precision tests of quantum mechanics and CPT symmetry with entangled neutral kaons at KLOE. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	○
28	Search for dark matter produced in association with a Standard Model Higgs boson decaying into b-quarks using the full Run 2 dataset from the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	○
27	Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	○
26	Search for exotic decays of the Higgs boson into long-lived particles in pp collisions at $\sqrt{s} = 13$ TeV using displaced vertices in the ATLAS inner detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	○
25	Measurement of b-quark fragmentation properties in jets using the decay $B\# \rightarrow \#$ in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	○
24	The KLOE-2 experiment at DANIE. <i>EPJ Web of Conferences</i> , 2019 , 212, 01002	0.3	
23	KLOE results in flavour physics and prospects for KLOE-2. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013 , 241-242, 24-27		
22	The KLOE-2 Project. <i>EPJ Web of Conferences</i> , 2014 , 73, 08002	0.3	
21	Precision measurements of the . <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2014 , 253-255, 115-118		

- 20 Measurement and simulation of neutron detection efficiency in lead-scintillating fiber calorimeters. *Nuclear Physics, Section B, Proceedings Supplements*, **2009**, 197, 353-357
- 19 Measurement of the neutron detection efficiency of a 80% absorber-20% scintillating fibers calorimeter. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2011**, 626-627, 67-71 1.2
- 18 The SuperBFactory Electromagnetic Calorimeter. *Journal of Physics: Conference Series*, **2012**, 404, 012065.3
- 17 Measurement of neutron detection efficiency between 22 and 174MeV using two different kinds of Pb-scintillating fiber sampling calorimeters. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2010**, 617, 107-108 1.2
- 16 The KLOE electromagnetic calorimeter. *Nuclear Physics, Section B, Proceedings Supplements*, **1998**, 61, 126-131
- 15 Measurement and Simulation of the Neutron Response and Detection Efficiency of a Pb-Scintillating Fiber Calorimeter. *IEEE Transactions on Nuclear Science*, **2008**, 55, 1409-1412 1.7
- 14 Measurement of the K_S^0 branching ratio using a pure K_S^0 beam with the KLOE detector. *Journal of High Energy Physics*, **2008**, 2008, 051-051 5.4
- 13 $|V_{us}|$ and lepton universality from kaon decays with the KLOE detector. *Journal of High Energy Physics*, **2008**, 2008, 059-059 5.4
- 12 LATEST RESULTS FROM KLOE AT DANIE. *International Journal of Modern Physics A*, **2007**, 22, 357-364 1.2
- 11 KLOE results on kaon decays and phi radiative decays. *Nuclear Physics, Section B, Proceedings Supplements*, **2003**, 115, 145-149
- 10 Studies of η meson radiative decays with KLOE. *Nuclear Physics, Section B, Proceedings Supplements*, **2003**, 117, 677-680
- 9 Meson decay studies with the KLOE detector at DANIE. *Nuclear Physics A*, **2005**, 752, 175-184 1.3
- 8 The KLOE trigger system. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2001**, 461, 465-469 1.2
- 7 The KLOE electromagnetic calorimeter. *Nuclear Physics, Section B, Proceedings Supplements*, **1999**, 78, 163-168
- 6 Nucleon time-like form factors: Unexpected features and perspectives. *Nuclear Physics A*, **1999**, 655, c249-c254 1.3
- 5 Measurement of the cross-section for $e^+e^- \rightarrow \text{hadrons}$ near the nucleon-antinucleon threshold by the FENICE experiment **1994**, 107, 2383-2388
- 4 Performance of a scintillating fibres semiprojective electromagnetic calorimeter. *Nuclear Physics, Section B, Proceedings Supplements*, **1995**, 44, 163-167
- 3 Studies of η meson radiative decays with KLOE **2003**, 677-680

- 2 Upper limit on the $B \rightarrow D^* \mu \mu$ branching fraction with the KLOE experiment. *Journal of High Energy Physics*, **2020**, 2020, 1 5-4
- 1 The ATLAS inner detector trigger performance in pp collisions at 13 TeV during LHC Run 2. *European Physical Journal C*, **2022**, 82, 1 4-2