

Antonio Di Domenico

List of Publications by Year in Descending Order

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

422
papers

17,694
citations

67
h-index

108
g-index

454
ext. papers

19,517
ext. citations

4.1
avg, IF

5.22
L-index

#	Paper	IF	Citations
4 ²²	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	0
4 ²¹	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 ⁻¹ of pp collision data at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
4 ²⁰	AtlFast3: The Next Generation of Fast Simulation in ATLAS. <i>Computing and Software for Big Science</i> , 2022 , 6, 1	6	0
4 ¹⁹	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 Run 2 data. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	0
4 ¹⁸	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	0
4 ¹⁷	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
4 ¹⁶	Testing CPT Symmetry with Neutral K Mesons: A Review. <i>Symmetry</i> , 2020 , 12, 2063	2.7	2
4 ¹⁵	Measurement of the branching fraction for the decay $K^{\pm} \rightarrow \pi^{\pm} \nu \bar{\nu}$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 804, 135378	4.2	5
4 ¹⁴	Measurement of charge asymmetry for the $K^{\pm} \rightarrow \pi^{\pm} \nu \bar{\nu}$ decay and test of CPT symmetry with the KLOE detector. <i>Journal of Physics: Conference Series</i> , 2020 , 1586, 012006	0.3	
4 ¹³	Upper limit on the $K^{\pm} \rightarrow \pi^{\pm} \nu \bar{\nu}$ branching fraction with the KLOE experiment. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	
4 ¹²	Charge-conjugation-parity violation of neutral K-mesons in a temporal wave function model. <i>European Physical Journal Plus</i> , 2019 , 134, 1	3.1	1
4 ¹¹	Combination of KLOE $(e^+e^- \rightarrow \pi^+\pi^-)$ measurements and determination of $(\alpha_{\mu}^{\pi^+\pi^-})$ in the energy range 0.10 Journal of High Energy Physics, 2018 , 2018, 1	5.4	17
4 ¹⁰	Measurement of the charge asymmetry for the $K_S \rightarrow \pi^+\pi^-$ decay and test of CPT symmetry with the KLOE detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	9
4 ⁰⁹	Combined limit on the production of a light gauge boson decaying into $\mu^+\mu^-$ and $\mu^+\mu^- \gamma$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 784, 336-341	4.2	14
4 ⁰⁸	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
4 ⁰⁷	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
4 ⁰⁶	Tests of discrete symmetries in the kaon system. <i>Journal of Physics: Conference Series</i> , 2017 , 873, 012005.3	0.3	1

405	Probing CPT symmetry in transitions with entangled neutral kaons. <i>Journal of Physics: Conference Series</i> , 2017 , 800, 012036	0.3	
404	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
403	Search for the electroweak production of supersymmetric particles in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. <i>Physical Review D</i> , 2016 , 93,	4.9	46
402	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
401	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
400	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
399	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
398	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
397	Measurements of $W\cancel{Z}$ production cross sections in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector and limits on anomalous gauge boson self-couplings. <i>Physical Review D</i> , 2016 , 93,	4.9	47
396	Measurement of the ZZ Production Cross Section in pp Collisions at $\sqrt{s}=13$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2016 , 116, 101801	7.4	25
395	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
394	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. <i>European Physical Journal C</i> , 2016 , 76, 295	4.2	28
393	Performance of pile-up mitigation techniques for jets in $\sqrt{s}=8$ TeV collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 581	4.2	148
392	Measurement of the charged-particle multiplicity inside jets from $\sqrt{s}=8$ TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 322	4.2	35
391	Measurement of the transverse momentum and \cancel{Z} distributions of Drell-Yan lepton pairs in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 291	4.2	63
390	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to WW^* with the ATLAS detector at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
389	A search for top squarks with R-parity-violating decays to all-hadronic final states with the ATLAS detector in ($\sqrt{s}=8$) TeV proton-proton collisions. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
388	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

387	A search for an excited muon decaying to a muon and two jets in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>New Journal of Physics</i> , 2016 , 18, 073021	2.9	1
386	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in collisions at $\sqrt{s}=8\text{ TeV}$ using the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 538	4.2	48
385	Measurement of the differential cross-sections of prompt and non-prompt production of B^0 and B^+ in collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 283	4.2	42
384	Addendum to Measurement of the $t\bar{t}$ production cross-section using $(e\mu)$ events with b-tagged jets in pp collisions at $(\sqrt{s}) = 7$ and 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	13
383	Measurement of the CP-violating phase ϕ_s and the B^0 meson decay width difference with $B^0 \rightarrow J/\psi K_S$ decays in ATLAS. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
382	A search for prompt lepton-jets in pp collisions at $(\sqrt{s}=8\text{ TeV})$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	22
381	Search for new phenomena with photon+jet events in proton-proton collisions at $(\sqrt{s}=13\text{ TeV})$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	12
380	Precision measurement of the $B^0 \rightarrow \pi^0 \pi^0$ Dalitz plot distribution with the KLOE detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	22
379	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at $\sqrt{s}=2.76\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 199	4.2	39
378	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
377	Search for the production of single vector-like and excited quarks in the Wt final state in pp collisions at $(\sqrt{s}=8\text{ TeV})$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	14
376	Search for strong gravity in multijet final states produced in pp collisions at $(\sqrt{s}=13\text{ TeV})$ using the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	12
375	Measurements of four-lepton production in pp collisions at $s=8\text{ TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 552-572	4.2	15
374	Measurement of the charge asymmetry in highly boosted top-quark pair production in $s=8\text{ TeV}$ pp collision data collected by the ATLAS experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 756, 52-71	4.2	11
373	Measurement of the dependence of transverse energy production at large pseudorapidity on the hard-scattering kinematics of proton-proton collisions at $s=2.76\text{ TeV}$ with ATLAS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 756, 10-28	4.2	9
372	Search for single production of a vector-like quark via a heavy gluon in the $4b$ final state with the ATLAS detector in pp collisions at $s=8\text{ TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 758, 249-268	4.2	13
371	Search for new phenomena in dijet mass and angular distributions from pp collisions at $s=13\text{ TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 754, 302-322	4.2	104
370	Evidence for single top-quark production in the s-channel in proton-proton collisions at $s=8\text{ TeV}$ 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

369	Measurement of the $\tau \rightarrow \mu e \mu$ 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
368	Charged-particle distributions in $\sqrt{s}=13$ TeV pp interactions measured with the ATLAS detector at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 758, 67-88	4.2	44
367	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
366	Identification of boosted, hadronically decaying bosons and comparisons with ATLAS data taken at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , 2016 , 76, 154	4.2	44
365	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
364	Probing lepton flavour violation via neutrinoless $[B \rightarrow B' \mu \mu]$ decays with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 232	4.2	12
363	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
362	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
361	Search for anomalous couplings in the W tb 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
360	Searches for scalar leptoquarks in collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 5	4.2	68
359	Measurements of the Higgs boson production and decay rates and coupling strengths using collision data at $\sqrt{s}=8$ and $\sqrt{s}=13$ TeV in the ATLAS experiment. <i>European Physical Journal C</i> , 2016 , 76, 6	4.2	185
358	Measurements of fiducial cross-sections for $[B \rightarrow B' \mu \mu]$ production with one or two additional jets in collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 11	4.2	21
357	Study of the $[B \rightarrow B' \mu \mu]$ and $[B \rightarrow B' \tau \tau]$ decays with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 4	4.2	13
356	Search for an additional, heavy Higgs boson in the $[B \rightarrow B' \mu \mu]$ decay channel at $\sqrt{s}=8$ TeV using collision data with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 45	4.2	152
355	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
354	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $(\sqrt{s}=8, \text{mathrm TeV})$ with the ATLAS detector 2016 , 76, 1		1
353	Performance of b-jet identification in the ATLAS experiment. <i>Journal of Instrumentation</i> , 2016 , 11, P04008-P04008		106
352	Measurement of event-shape observables in $[B \rightarrow B' \mu \mu]$ events in collisions at $\sqrt{s}=8$ TeV with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2016 , 76, 375	4.2	5

351	Charged-particle distributions in interactions at $\sqrt{s} = 8$ TeV measured with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 403	4.2	19
350	Test of CP invariance in vector-boson fusion production of the Higgs boson using the method in the ditau decay channel with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 658	4.2	26
349	Measurement of total and differential $W + W$ production cross sections in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector and limits on anomalous triple-gauge-boson couplings. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	30
348	Limit on the production of a new vector boson in $e + e$ collisions with the KLOE experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 757, 356-361	4.2	56
347	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
346	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
345	Constraints on non-Standard Model Higgs boson interactions in an effective Lagrangian using differential cross sections measured in the $H \rightarrow b\bar{b}$ 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
344	Measurement of D^*_{s1} , D^*_s and D_s^* meson production cross sections in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Nuclear Physics B</i> , 2016 , 907, 717-763	2.8	32
343	Search for flavour-changing neutral current top-quark decays to $[b\bar{c}]$ in $[t\bar{t}]$ collision data collected with the ATLAS detector at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2016 , 76, 12	4.2	16
342	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in collision data at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 87	4.2	18
341	Search for direct top squark pair production in final states with two tau leptons in collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 81	4.2	7
340	Search for charged Higgs bosons in the $H \rightarrow b\bar{b}$ decay channel in pp collisions at $(\sqrt{s} = 8)$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	33
339	Search for single production of vector-like quarks decaying into in collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 442	4.2	24
338	Direct Test of T and CPT Symmetries with Entangled Neutral Mesons. <i>Acta Physica Polonica A</i> , 2015 , 127, 1563-1564	0.6	
337	Search for the X_b and other hidden-beauty states in the $\psi(1S)$ channel at ATLAS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 740, 199-217	4.2	15
336	Study of the rare B_s^0 and B^0 decays into the $\psi\psi$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 46-55	4.2	13
335	Search for pair-produced long-lived neutral particles decaying to jets in the ATLAS hadronic calorimeter in pp collisions at $\sqrt{s} = 8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 15-34	4.2	44
334	Search for $W \rightarrow b\bar{c}$ in the lepton plus jets final state in proton-proton collisions at a centre-of-mass energy of $\sqrt{s} = 8$ 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

333	Search for a CP-odd Higgs boson decaying to Zh in pp collisions at $\sqrt{s}=8\text{TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 744, 163-183	4.2	88
332	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
331	Search for Higgs boson pair production in the $B\bar{b}$ final state using pp collision data at $\sqrt{s}=8\text{ TeV}$ from the ATLAS detector. <i>Physical Review Letters</i> , 2015 , 114, 081802	7.4	90
330	Search for new phenomena in the dijet mass distribution using pp collision data at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Physical Review D</i> , 2015 , 91,	4.9	196
329	Measurements of the Nuclear Modification Factor for Jets in Pb+Pb Collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ with the ATLAS detector. <i>Physical Review Letters</i> , 2015 , 114, 072302	7.4	99
328	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
327	Search for new phenomena in events with a photon and missing transverse momentum in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Physical Review D</i> , 2015 , 91,	4.9	62
326	Simultaneous measurements of the $t\bar{t}$, $W+W$ and $Z/\bar{\nu}\nu$ production cross-sections in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>Physical Review D</i> , 2015 , 91,	4.9	13
325	Search for Scalar Charm Quark Pair Production in pp Collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS Detector. <i>Physical Review Letters</i> , 2015 , 114, 161801	7.4	20
324	Measurement of spin correlation in top-antitop quark events and search for top squark pair production in pp collisions at $\sqrt{s}=8\text{ TeV}$ using the ATLAS detector. <i>Physical Review Letters</i> , 2015 , 114, 142001	7.4	48
323	Measurement of the transverse polarization of Λ and Σ hyperons produced in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ using the ATLAS detector. <i>Physical Review D</i> , 2015 , 91,	4.9	13
322	Precision measurement of CP violation in $B(S)(0)\text{-}\bar{B}/\bar{B}+K\text{-}$ decays. <i>Physical Review Letters</i> , 2015 , 114, 041801	7.4	53
321	Jet energy measurement and its systematic uncertainty in proton-proton collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 17	4.2	194
320	Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 79	4.2	21
319	Search for resonant diboson production in the WZ final state in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 69	4.2	62
318	Measurements of the WZ production cross sections in association with jets with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 82	4.2	54
317	Search for dark matter in events with heavy quarks and missing transverse momentum in pp collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 92	4.2	60
316	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2015 , 75, 152	4.2	26

315	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
314	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
313	Measurement of the Z+b-jet cross-section in pp collisions at $(\sqrt{s}) = 7$ TeV in the forward region. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	7
312	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
311	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
310	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
309	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
308	Search for charged Higgs bosons decaying via $H \rightarrow \tau\tau$ 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
307	Precise measurements of the properties of the $B(5721)_{0,+}$ and $B^*(5747)_{0,+}$ states and observation of $B_{(s)}$ mass structures. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	14
306	Measurement of indirect CP asymmetries in $D^0 \rightarrow \overline{K}^+ K^-$ and $D^0 \rightarrow \overline{K}^+ K^0$ decays using semileptonic B decays. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	14
305	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
304	Performance of the ATLAS muon trigger in pp collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2015 , 75, 120	4.2	51
303	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
302	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
301	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
300	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
299	Search for a new resonance decaying to a W or Z 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
298	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

297	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
296	Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 303	4.2	49
295	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
294	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
293	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
292	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
291	Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in [Formula: see text] TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 318	4.2	44
290	Search for heavy long-lived multi-charged particles in collisions at [Formula: see text] TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 362	4.2	22
289	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
288	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
287	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
286	Search for dark Higgsstrahlung in $e^+e^- \rightarrow \mu^+\mu^-$ 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
285	Measurement of the correlation between flow harmonics of different order in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. <i>Physical Review C</i> , 2015 , 92,	2.7	59
284	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
283	Observation and measurement of Higgs boson decays to WW^* with the ATLAS detector. <i>Physical Review D</i> , 2015 , 92,	4.9	86
282	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
281	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
280	Measurements of the Total and Differential Higgs Boson Production Cross Sections Combining the $H \rightarrow b\bar{b}$ and $H \rightarrow Z Z^{(*)} \rightarrow 4\ell$ Decay Channels at $\sqrt{s}=8$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2015 , 115, 091801	7.4	32

279	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
278	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
277	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 $\sqrt{s}=7$ TeV using the ATLAS detector. <i>Physical Review D</i> , 2015 , 91,	4.9	18
276	Search for vectorlike B quarks in events with one isolated lepton, missing transverse momentum, and jets at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2015 , 91,	4.9	44
275	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
274	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
273	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
272	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
271	Search for Higgs bosons decaying to aa in the $\tau\tau$ final state in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS experiment. <i>Physical Review D</i> , 2015 , 92,	4.9	40
270	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
269	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
268	Searches for Higgs boson pair production in the $hh\rightarrow b\bar{b}\gamma\gamma^*$, $B\bar{B}$, $b\bar{b}b\bar{b}$ channels with the ATLAS detector. <i>Physical Review D</i> , 2015 , 92,	4.9	87
267	Search for pair production of a new heavy quark that decays into a W boson and a light quark in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2015 , 92,	4.9	40
266	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
265	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
264	Search for a Heavy Neutral Particle Decaying to $e\bar{e}\gamma$ or $\mu\bar{\mu}\gamma$ in pp Collisions at $\sqrt{s}=8$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2015 , 115, 031801	7.4	18
263	Evidence of $W\gamma$ 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
262	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

261	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
260	Limit on the production of a low-mass vector boson in $e+e\bar{e}\rightarrow U\bar{e}+e\bar{U}$ with the KLOE experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 750, 633-637	4.2	58
259	Modelling Z-fl processes in ATLAS with Embedded Z-fl data. <i>Journal of Instrumentation</i> , 2015 , 10, P09018-P09018	1	16
258	Measurement of the production of neighbouring jets 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> , 2015 , 751, 376-395	4.2	14
257	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
256	A search for high-mass resonances decaying to $\mu\bar{\mu}$ 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
255	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
254	Search for lepton-flavour-violating H-fl decays of the Higgs boson with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	46
253	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
252	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
251	Measurement of colour flow with the jet pull angle in $t\bar{t}$ events using the ATLAS detector at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 750, 475-493	4.2	14
250	Measurement of exclusive $\mu\bar{\mu}$ 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
249	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
248	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
247	Measurement of charged-particle spectra in Pb+Pb collisions at ($\sqrt{s_{\text{NN}}}=2.76$) TeV with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	49
246	Probing CPT in transitions with entangled neutral kaons. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	24
245	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
244	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

243	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
242	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
241	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
240	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
239	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
238	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
237	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
236	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
235	Search for flavour-changing neutral current top quark decays $t \rightarrow Hq$ 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
234	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
233	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
232	Tests of discrete symmetries in K systems. <i>Journal of Physics: Conference Series</i> , 2015 , 631, 012004	0.3	
231	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
230	Angular analysis of the $B^0 \rightarrow K^*0 e^+ e^-$ decay in the low- q^2 region. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	20
229	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
228	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
227	Determination of the branching fractions of $B \rightarrow S^* \ell^+ \ell^- K^*$ and $B \rightarrow S^* \ell^+ \ell^- K^+$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	5
226	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

225	Search for [Formula: see text] decays in [Formula: see text] collisions at [Formula: see text] $\sqrt{s}=8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 165	4.2	25
224	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
223	Search for direct pair production of a chargino and a neutralino decaying to the 125 GeV Higgs boson in [Formula: see text] TeV [Formula: see text] collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 208	4.2	50
222	Study of (W/Z)H production and Higgs boson couplings using H-fW W * decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	14
221	Measurement of the branching ratio $\mathcal{B}(B \rightarrow \tau S D) / \mathcal{B}(B \rightarrow \tau D)$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 751, 63-80	4.2	9
220	Search for metastable heavy charged particles with large ionisation energy loss in collisions at [Formula: see text] TeV using the ATLAS experiment. <i>European Physical Journal C</i> , 2015 , 75, 407	4.2	18
219	Search for H-f 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
218	Measurement of the lifetime of the Bc+ meson using the Bc+-f decay mode. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 29-37	4.2	25
217	Observation of two new $\Lambda(b)(-)$ baryon resonances. <i>Physical Review Letters</i> , 2015 , 114, 062004	7.4	35
216	Measurement of the CP -violating phase $\arg(B \rightarrow \tau D) / \arg(B \rightarrow \tau D)$ decays and limits on penguin effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 38-49	4.2	24
215	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
214	Study of the Dalitz decay $\pi^0 \rightarrow \pi^+ e^- \nu$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 1-6	4.2	20
213	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
212	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
211	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
210	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
209	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
208	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 2982	4.2	18

207	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
206	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
205	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
204	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
203	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
202	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
201	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
200	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
199	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
198	Measurement of τ_1 and τ_2 production with $(\sqrt{s}) = 7$ TeV pp collisions at ATLAS. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	26
197	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
196	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
195	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
194	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
193	Operation and performance of the ATLAS semiconductor tracker. <i>Journal of Instrumentation</i> , 2014 , 9, P08009-P08009	1	12
192	The cylindrical GEM detector for the KLOE-2 Inner Tracker. <i>Journal of Instrumentation</i> , 2014 , 9, C01014-C01014 ₁₃		
191	Monitoring and data quality assessment of the ATLAS liquid argon calorimeter. <i>Journal of Instrumentation</i> , 2014 , 9, P07024-P07024	1	15
190	DIRECT TESTS OF T AND CPT SYMMETRIES IN THE ENTANGLED NEUTRAL KAON SYSTEM AT A ϕ -FACTORY. <i>International Journal of Modern Physics Conference Series</i> , 2014 , 35, 1460433	0.7	

189	Kaon Physics at KLOE/KLOE-2: recent results. <i>EPJ Web of Conferences</i> , 2014 , 72, 00006	0.3	
188	Testing fundamental physical principles with entangled neutral K mesons. <i>EPJ Web of Conferences</i> , 2014 , 81, 03002	0.3	
187	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
186	Measurement of the total cross section from elastic scattering in pp collisions at $s=7$ TeV with the ATLAS detector. <i>Nuclear Physics B</i> , 2014 , 889, 486-548	2.8	105
185	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
184	A neural network clustering algorithm for the ATLAS silicon pixel detector. <i>Journal of Instrumentation</i> , 2014 , 9, P09009-P09009	1	37
183	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
182	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
181	Measurements of spin correlation in top-antitop quark events from proton-proton collisions at $s=7$ TeV using the ATLAS detector. <i>Physical Review D</i> , 2014 , 90,	4.9	27
180	Search for light vector boson production in $e+e$ 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
179	Measurements of jet vetoes and azimuthal decorrelations in dijet events produced in collisions at using the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3117	4.2	17
178	A measurement of the ratio of the production cross sections for and bosons in association with jets with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3168	4.2	16
177	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
176	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb 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
175	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
174	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
173	Measurement of the production cross-section using events with -tagged jets in collisions at and 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3109	4.2	107
172	Search for WZ resonances in the fully leptonic channel using pp collisions at $s=8$ 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

171	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
170	Measurement of the cross section of high transverse momentum $Z\text{-}b\bar{b}$ production in proton-proton collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 738, 25-43	4.2	10
169	Measurement of the absolute branching ratio of the $K\rightarrow\pi\pi$ 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
168	Fiducial and differential cross sections of Higgs boson production measured in the four-lepton decay channel in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 738, 234-253	4.2	55
167	Search for new resonances in W and Z final states in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 738, 428-447	4.2	112
166	Measurement of inclusive jet charged-particle fragmentation functions in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 739, 320-342	4.2	109
165	Measurement of the cross-section of high transverse momentum vector bosons reconstructed as single jets and studies of jet substructure in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>New Journal of Physics</i> , 2014 , 16, 113013	2.9	19
164	Search for high-mass dilepton resonances in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Physical Review D</i> , 2014 , 90,	4.9	209
163	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
162	Evidence for electroweak production of $W\text{-}Wjj$ in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Physical Review Letters</i> , 2014 , 113, 141803	7.4	73
161	Measurements of normalized differential cross sections for $t\bar{t}$ production in pp collisions at $\sqrt{s}=7\text{ TeV}$ using the ATLAS detector. <i>Physical Review D</i> , 2014 , 90,	4.9	64
160	Flavor tagged time-dependent angular analysis of the $B_s\rightarrow\mu\mu$ decay and extraction of β and the weak phase γ_s in ATLAS. <i>Physical Review D</i> , 2014 , 90,	4.9	21
159	Search for dark matter in events with a Z boson and missing transverse momentum in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Physical Review D</i> , 2014 , 90,	4.9	79
158	Search for scalar diphoton resonances in the mass range 65-600 GeV with the ATLAS detector in pp collision data at $\sqrt{s}=8\text{ TeV}$. <i>Physical Review Letters</i> , 2014 , 113, 171801	7.4	117
157	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
156	Measurement of the parity-violating asymmetry parameter β_b and the helicity amplitudes for the decay $B\rightarrow\mu\mu$ with the ATLAS detector. <i>Physical Review D</i> , 2014 , 89,	4.9	17
155	Search for the lepton flavor violating decay $Z\rightarrow\tau\tau$ in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Physical Review D</i> , 2014 , 90,	4.9	37
154	Measurement of the Higgs boson mass from the $H\rightarrow\tau\tau$ and $H\rightarrow ZZ^*\rightarrow 4\ell$ 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

153	Measurement of long-range pseudorapidity correlations and azimuthal harmonics in $\sqrt{s_{NN}}=5.02$ TeV proton-lead collisions with the ATLAS detector. <i>Physical Review C</i> , 2014 , 90,	2.7	87
152	Observation of an excited $B_c(\Xi)$ meson state with the ATLAS detector. <i>Physical Review Letters</i> , 2014 , 113, 212004	7.4	52
151	Precision measurements of the α_s . <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2014 , 253-255, 115-118		
150	Measurement of event-plane correlations in $\sqrt{s_{NN}}=2.76$ TeV lead-lead collisions with the ATLAS detector. <i>Physical Review C</i> , 2014 , 90,	2.7	109
149	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
148	Search for supersymmetry in events with four or more leptons in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. <i>Physical Review D</i> , 2014 , 90,	4.9	38
147	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
146	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
145	Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3134	4.2	31
144	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
143	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
142	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
141	Measurement of the production cross-section of $\chi_{1,2}^0$ in pp collisions at $(\sqrt{s}) = 7$ TeV at ATLAS. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
140	Measurement of the Z/ γ 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
139	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
138	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
137	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
136	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

135	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
134	Are Collapse Models Testable via Flavor Oscillations?. <i>Foundations of Physics</i> , 2013 , 43, 813-844	1.2	14
133	Precision measurement of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 720, 336-343	4.2	100
132	Are collapse models testable with quantum oscillating systems? The case of neutrinos, kaons, chiral molecules. <i>Scientific Reports</i> , 2013 , 3, 1952	4.9	15
131	Measurement of η meson production in $\pi\pi$ interactions and $\eta \rightarrow \pi\pi$ with the KLOE detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	15
130	A new limit on the CP violating decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 54-60	4.2	18
129	Production and test of the first two layers of the KLOE-2 Inner Tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 718, 416-417	1.2	1
128	Limit on the production of a light vector gauge boson in η 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
127	KLOE results in flavour physics and prospects for KLOE-2. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013 , 241-242, 24-27		
126	GASTONE64: A new front-end ASIC for the cylindrical GEM Inner Tracker of KLOE-2 experiment at . <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 732, 523-525	1.2	9
125	Construction and test of the cylindrical-GEM detectors for the KLOE-2 Inner Tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 732, 221-224	1.2	12
124	Direct test of time reversal symmetry in the entangled neutral kaon system at a ϕ -factory. <i>Nuclear Physics B</i> , 2013 , 868, 102-119	2.8	49
123	Measurement of $\langle \text{Re}(\Gamma_{12})/\text{Re}(\Gamma_{22}) \rangle$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 910-914	4.2	25
122	Testing discrete symmetries with kaons: status and perspectives. <i>Journal of Physics: Conference Series</i> , 2013 , 447, 012008	0.3	1
121	Development of CGEM Technology for Ultra-light Tracking Detectors: the KLOE-2 Inner Tracker. <i>Acta Physica Polonica B, Proceedings Supplement</i> , 2013 , 6, 1053	1.8	7
120	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
119	Search for a vector gauge boson in η 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
118	2012 ,		1

117	Recent results on CP and CPT tests at KLOE/KLOE-2. <i>Nuclear Physics, Section B, Proceedings Supplements, 2012</i> , 233, 73-78		
116	Comment on testing the time-reversal symmetry in neutral meson systems. <i>Nuclear Physics, Section B, Proceedings Supplements, 2012</i> , 233, 102-103		
115	Design and Construction of a cylindrical GEM detector as the InnerTracker device of the KLOE-2 experiment. <i>Physics Procedia, 2012</i> , 37, 522-529		1
114	Revealing Bell's nonlocality for unstable systems in high energy physics. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	33
113	Heisenberg's Uncertainty Relation and Bell Inequalities in High Energy Physics. <i>Foundations of Physics, 2012</i> , 42, 778-802	1.2	18
112	Charged particle's flux measurement from PMMA irradiated by 80 MeV/u carbon ion beam. <i>Physics in Medicine and Biology, 2012</i> , 57, 5667-78	3.8	33
111	Precise measurement of prompt photon emission from 80 MeV/u carbon ion beam irradiation. <i>Journal of Instrumentation, 2012</i> , 7, P03001-P03001	1	23
110	Observation of the rare $B^0 \rightarrow e^+e^-$ decay with the KLOE experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011</i> , 702, 324-328	4.2	16
109	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, 2011</i> , 71, 1	4.2	103
108	Precision measurement of the K S meson lifetime with the KLOE detector. <i>European Physical Journal C, 2011</i> , 71, 1	4.2	10
107	Measurement of the neutron detection efficiency of a 80% absorber/20% scintillating fibers calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011</i> , 626-627, 67-71	1.2	
106	A new Cylindrical-GEM Inner Tracker for the upgrade of the KLOE experiment. <i>Nuclear Physics, Section B, Proceedings Supplements, 2011</i> , 215, 76-78		1
105	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, 2011</i> , 694, 327-345	4.2	53
104	Measurement of $\langle e^+e^- \rangle$ 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, 2011</i> , 700, 102-110	4.2	132
103	Physics with the KLOE-2 experiment at the upgraded DANIE. <i>European Physical Journal C, 2010</i> , 68, 619-681	4.2	189
102	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. <i>European Physical Journal C, 2010</i> , 70, 723-753	4.2	41
101	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. <i>European Physical Journal C, 2010</i> , 70, 755-785	4.2	12
100	Commissioning of the ATLAS Muon Spectrometer with cosmic rays. <i>European Physical Journal C, 2010</i> , 70, 875-916	4.2	14

99	The ATLAS Simulation Infrastructure. <i>European Physical Journal C</i> , 2010 , 70, 823-874	4.2	817
98	Performance of the ATLAS detector using first collision data. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	14
97	Measurement of the W - and Z/γ - $\mu\mu$ -production cross sections in proton-proton collisions at ($\sqrt{s} = 7$; TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	58
96	CPT Symmetry and Quantum Mechanics Tests in the Neutral Kaon System at KLOE. <i>Foundations of Physics</i> , 2010 , 40, 852-866	1.2	46
95	Charged-particle multiplicities in pp interactions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 688, 21-42	4.2	121
94	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 694, 16-21	4.2	20
93	Measurement of neutron detection efficiency between 22 and 174MeV using two different kinds of Pb-scintillating fiber sampling calorimeters. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 617, 107-108	1.2	
92	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
91			
90	RECENT RESULTS FROM KLOE AT DAΦNE. <i>International Journal of Modern Physics E</i> , 2009 , 18, 231-240	0.7	1
89	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
88	Scalar mesons at KLOE. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009 , 186, 290-293		20
87	Measurement and simulation of neutron detection efficiency in lead-scintillating fiber calorimeters. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009 , 197, 353-357		
86	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
85	Study of the ATLAS MDT spectrometer using high energy CERN combined test beam data. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 598, 400-415	1.2	6
84	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
83	Measurement of $(e+e\rightarrow\mu\mu)$ 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
82	Search for the $K_S^0 \rightarrow e^+e^-$ 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

81	Measurement of the branching ratio and search for a CP violating asymmetry in the $\rho^0 \rightarrow \pi^+ \pi^-$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 675, 283-288	4.2	15
80	Search for the decay $\rho^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 679, 10-14	4.2	10
79	Study of the $\rho(980)$ meson via the radiative decay $\rho^0 \rightarrow \pi^0 \gamma$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 681, 5-13	4.2	46
78	Search for CPT violation and decoherence effects in the neutral kaon system. <i>Journal of Physics: Conference Series</i> , 2009 , 171, 012008	0.3	39
77	Precise measurement of $\Gamma(K \rightarrow \pi \pi)/\Gamma(K \rightarrow \mu \mu)$ and study of $K \rightarrow \pi \nu \bar{\nu}$. <i>European Physical Journal C</i> , 2009 , 64, 627-636	4.2	44
76	Measurement and Simulation of the Neutron Response and Detection Efficiency of a Pb-Scintillating Fiber Calorimeter. <i>IEEE Transactions on Nuclear Science</i> , 2008 , 55, 1409-1412	1.7	
75	Determination of $\rho^0 \rightarrow \pi^+ \pi^-$ Dalitz plot slopes and asymmetries with the KLOE detector. <i>Journal of High Energy Physics</i> , 2008 , 2008, 006-006	5.4	10
74	Measurement of the $K_S \rightarrow \pi^+ \pi^-$ branching ratio using a pure K_S beam with the KLOE detector. <i>Journal of High Energy Physics</i> , 2008 , 2008, 051-051	5.4	
73	$ V_{us} $ and lepton universality from kaon decays with the KLOE detector. <i>Journal of High Energy Physics</i> , 2008 , 2008, 059-059	5.4	
72	Measurement of the charged kaon lifetime with the KLOE detector. <i>Journal of High Energy Physics</i> , 2008 , 2008, 073-073	5.4	2
71	Measurement of the absolute branching ratios for semileptonic $K \rightarrow \pi \ell \bar{\nu}$ decays with the KLOE detector. <i>Journal of High Energy Physics</i> , 2008 , 2008, 098-098	5.4	3
70	Measurement of the absolute branching ratio of the $\rho^0 \rightarrow \pi^+ \pi^-$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 666, 305-310	4.2	7
69	Study of the process $\rho^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 669, 223-228	4.2	36
68	System test of the ATLAS muon spectrometer in the H8 beam at the CERN SPS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 593, 232-254	1.2	8
67	A study of the radiative $K_L \rightarrow \pi^0 \gamma$ decay and search for direct photon emission with the KLOE detector. <i>European Physical Journal C</i> , 2008 , 55, 539	4.2	3
66	Measurement of the pseudoscalar mixing angle and $\rho^0 \rightarrow \pi^+ \pi^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 648, 267-273	4.2	86
65	Dalitz plot analysis of $e^+e^- \rightarrow \pi^+ \pi^- \pi^0$ events at $\sqrt{s} = \sqrt{M_{\phi}^2}$ with the KLOE detector. <i>European Physical Journal C</i> , 2007 , 49, 473	4.2	53
64	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

63	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
62	LATEST RESULTS FROM KLOE AT DANIE. <i>International Journal of Modern Physics A</i> , 2007 , 22, 357-364	1.2	
61	Measurement of the $K_L \rightarrow \pi\pi$ form factor parameters with the KLOE detector. <i>Journal of High Energy Physics</i> , 2007 , 2007, 105-105	5.4	5
60	Precise measurements of the K meson and the neutral kaon masses with the KLOE detector. <i>Journal of High Energy Physics</i> , 2007 , 2007, 073-073	5.4	1
59	Measurements of the absolute branching ratios for the dominant $K \rightarrow \pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 632, 43-50	4.2	55
58	Measurement of the absolute branching ratio for the $K \rightarrow \pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 632, 76-80	4.2	38
57	Study of the decay $K \rightarrow \pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 634, 148-154	4.2	67
56	Measurement of the form-factor slopes for the decay $K_L \rightarrow \pi\pi$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 636, 166-172	4.2	38
55	Study of the branching ratio and charge asymmetry for the decay $K_S \rightarrow \pi\pi$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 636, 173-182	4.2	52
54	Measurement of the branching ratio of the $K \rightarrow \pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 638, 140-145	4.2	21
53	First observation of quantum interference in the process $K_S \rightarrow \pi\pi$: 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
52	Precise measurement of $\Gamma(K_S \rightarrow \pi\pi)/\Gamma(K_S \rightarrow 00)$ with the KLOE detector at DANIE. <i>European Physical Journal C</i> , 2006 , 48, 767	4.2	16
51	Measurement of the DANIE luminosity with the KLOE detector using large angle Bhabha scattering. <i>European Physical Journal C</i> , 2006 , 47, 589	4.2	36
50	Measurement of $\Gamma(K_S \rightarrow \pi\pi)/\Gamma(K_S \rightarrow 00)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 606, 12-24	4.2	182
49	Upper limit on the $K \rightarrow \pi\pi$ 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
48	Measurement of the leptonic decay widths of the K -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
47	A direct search for the CP-violating decay $K \rightarrow \pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 619, 61-70	4.2	28
46	Measurement of the $K \rightarrow \pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 626, 15-23	4.2	30

45	Meson decay studies with the KLOE detector at DANIE. <i>Nuclear Physics A</i> , 2005 , 752, 175-184	1.3	
44	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
43	The hadronic cross section measurement at KLOE. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005 , 144, 231-237		1
42	Aging studies on atlas muon spectrometer drift tubes. <i>IEEE Transactions on Nuclear Science</i> , 2005 , 52, 2971-2976	1.7	1
41	The hadronic cross section measurement at KLOE. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2004 , 131, 75-81		1
40	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	15
39	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
38	Upper limit on the $\Gamma_{\text{had}}/\Gamma_{\text{had}}^{\text{th}}$ 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
37	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
36	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
35	Measuring the hadronic cross section via radiative return. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003 , 116, 243-248		8
34	Study of 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> , 2003 , 561, 55-60	4.2	43
33	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
32	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
31	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
30	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
29	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
28	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

27	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
26	Study of the decay $K_S \rightarrow \pi^0 \pi^0$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 536, 209-216	4.2	96
25	Study of the decay $K_S \rightarrow \pi^0 \pi^0$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 537, 21-27	4.2	136
24	Measurement of $\text{Re}(\epsilon'/\epsilon)$ 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
23	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
22	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
21	The KLOE trigger system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 461, 465-469	1.2	
20	The KLOE electromagnetic calorimeter. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999 , 78, 163-168		
19	Status of the KLOE experiment at the Υ factory DANIE. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1998 , 66, 478-481		
18	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
17	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
16	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
15	Measurements of light yield, attenuation length and time response of long samples of Blue π 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
14	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
13	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
12	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
11	Testing quantum mechanics in the neutral kaon system at a Υ factory. <i>Nuclear Physics B</i> , 1995 , 450, 293-324		42
10	Performance of a scintillating fibres semiprojective electromagnetic calorimeter. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1995 , 44, 163-167		

9	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
8	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
7	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
6	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
5	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
4	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
3	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
2	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
1	Analysis of thermoluminescence kinetics of CaF ₂ (Tm) peaks with glow curve deconvolution. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990 , 286, 295-300	1.2	17