Serkant AlÄº ÃetÄºn

List of Publications by Year
in descending order

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598 papers	30,942 citations	5267 83 h-index	10732 138 g-index
627 all docs	627 docs citations	627 times ranked	10697 citing authors

#	Article	IF	Citations
1	Performance of the ATLAS Level-1 topological trigger in RunÂ2. European Physical Journal C, 2022, 82, 1.	3.9	6
2	Measurement of the c-jet mistagging efficiency in $$tar{t}$$Âevents using pp collision data at $$sqrt{s}=13$$Â$$ext {TeV}$$ collected with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	14
3	Search for exotic decays of the Higgs boson into b$$ overline{b} $$ and missing transverse momentum in pp collisions at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
4	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 13Â$$ext {TeV}$$ with the ATLAS detector. European Physical Journal C, 2022, 82, 1.	3.9	8
5	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with 139 fbâ^'1 of pp collision data at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	10
6	AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	2.9	23
7	Measurement of the energy response of the ATLASÂcalorimeter to chargedÂpions from $$W^{pm }ightarrow au ^{pm }(ightarrow pi ^{pm }u _{au })u _{au }$$ events in RunÂ2 data. European Physical Journal C, 2022, 82, 1.	3.9	4
8	The ATLAS inner detector trigger performance in pp collisions at 13ÂTeV during LHC Run 2. European Physical Journal C, 2022, 82, 1.	3.9	5
9	Observation of the Singly Cabibbo Suppressed Decay <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msubsup><mml:mrow><mml:mi mathvariant="normal">Î›</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo> stretchy="false">â†'</mml:mo><mml:mi>n</mml:mi><mml:msup><mml:mrow><mml:mi>Ï€</mml:mi></mml:mrow><mml:mrow><mml:mi> Physical Review Letters, 2022, 128, 142001.	7.8	17
10	Search for flavour-changing neutral-current interactions of a top quark and a gluon in pp collisions at $$sqrt{s}=13$$ÂTeV with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	7
11	Measurement of the energy asymmetry in $$t{ar{t}}j$$ production at $$13,$$TeV with the ATLAS experiment and interpretation in the SMEFT framework. European Physical Journal C, 2022, 82, .	3.9	2
12	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $$sqrt{s} = 7$$, 8 and 13ÂTeV. European Physical Journal C, 2022, 82, 1.	3.9	12
13	Measurement of hadronic event shapes in high-pT multijet final states at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
14	The Dark Universe Is Not Invisible. Physical Sciences Forum, 2021, 2, 10.	0.3	2
15	Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fbâ^'1 of $$ sqrt{s} $$ = 13 TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	37
16	Differential cross-section measurements for the electroweak production of dijets in association with a Z boson in protonâ€"proton collisions at ATLAS. European Physical Journal C, 2021, 81, 1.	3.9	12
17	Measurements of WH and ZH production in the $$H ightarrow bar{b}$$ decay channel in pp collisions at $$13,ext {Te}ext {V}$$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	38
18	Search for dark matter in association with an energetic photon in pp collisions at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	18

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19	Search for type-III seesaw heavy leptons in dilepton final states in pp collisions at $$ sqrt{s} = 13,{ext {TeV}} $$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	17
20	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nbâˆ’1 of Pb+Pb data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	19
21	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. Journal of High Energy Physics, 2021, 2021, 1.	4.7	6
22	Search for new phenomena with top quark pairs in final states with one lepton, jets, and missing transverse momentum in pp collisions at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
23	Search for new phenomena in events with two opposite-charge leptons, jets and missing transverse momentum in pp collisions at $$ sqrt{mathrm{s}} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	22
24	Search for pair production of scalar leptoquarks decaying into first- or second-generation leptons and top quarks in protonâ€“proton collisions at $$sqrt{s}$$ = 13ÂTeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	18
25	Optimisation of large-radius jet reconstruction for the ATLAS detector in 13ÂTeV protonâ€“proton collisions. European Physical Journal C, 2021, 81, 1.	3.9	15
26	Search for heavy resonances decaying into a pair of Z bosons in the $$ell ^+ell ^-ell '^+ell '^-$$ and $$ell ^+ell ^-u {{ar{u }}}$$ final states using 139 $$mathrm {fb}^{-1}$$ of protonâ€“proton collisions at $$sqrt{s} = 13,$$TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	40
27	Search for new phenomena in final states with b-jets and missing transverse momentum in $$ sqrt{mathrm{s}} $$ = 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	18
28	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $$ell ell bb$$ and $$ell ell WW$$ final states in pp collisions at $$sqrt{s}=13$$Â$$ext {TeV}$$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	26
29	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 $$ sqrt{mathrm{s}} $$ = 13 TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	23
30	Measurement of the absolute branching fraction of Î›c+â†'pKS0Î· decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 817, 136327.	4.1	2
31	Measurements of W+Wâˆ'+ â‰¥ 1 jet production cross-sections in pp collisions at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
32	Search for charged Higgs bosons decaying into a top quark and a bottom quark at $$ sqrt{mathrm{s}} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	46
33	Measurements of Higgs bosons decaying to bottom quarks from vector boson fusion production with the ATLAS experiment at $$sqrt{s}=13,ext {TeV}$$. European Physical Journal C, 2021, 81, 1.	3.9	14
34	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a Ï„-lepton in pp collisions at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	27
35	Measurement of proton electromagnetic form factors in the time-like region using initial state radiation at BESIII. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 817, 136328.	4.1	27
36	Search for supersymmetry in events with four or more charged leptons in 139 fbâˆ'1 of $$ sqrt{s} $$ = 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12

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37	Determination of the parton distribution functions of the proton from ATLAS measurements of differential WÂ± and Z boson production in association with jets. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
38	Measurements of differential cross-sections in four-lepton events in 13 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
39	A search for the decays of stopped long-lived particles at $$ sqrt{mathrm{s}} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
40	Muon reconstruction and identification efficiency in ATLAS using the full Run 2 pp collision data set at $$sqrt{s}=13$$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	82
41	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. European Physical Journal C, 2021, 81, 1.	3.9	13
42	Measurement of single top-quark production in association with a W boson in the single-lepton channel at $$sqrt{s} = 8,ext {TeV}$$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	3
43	Jet energy scale and resolution measured in protonâ€“proton collisions at $$sqrt{s}=13$$ÂTeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	64
44	Measurements of the inclusive and differential production cross sections of a top-quarkâ€“antiquark pair in association with a ZÂboson at $$sqrt{s} = 13$$ÂTeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	12
45	Direct Measurement of the Branching Fractions B(Ïˆ(3686)â†'J/Ïˆ X) and B(Ïˆ(3770)â†'J/Ïˆ X) , and Observation of the State R(3760) in e+eâˆ'â†'J/Ïˆ X. Physical Review Letters, 2021, 127, 082002.	7.8	1
46	First Measurement of the Absolute Branching Fraction of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Î›</mml:mi><mml:mo stretchy="false">â†'</mml:mo><mml:mi>p</mml:mi><mml:msup><mml:mrow><mml:mi>Î¼</mml:mi></mml:mrow><mml:mo accent="true"><mml:mrow><mml:mi>Î½</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="false">Â¯</mml:mo></mml:mrow></mml:mover></mml:mrow><mml:mrow><mml:mi. Physical R	7.8	6
47	Measurements of the center-of-mass energies of collisions at BESIII *. Chinese Physics C, 2021, 45, 103001.	3.7	19
48	Search for dark matter produced in association with a single top quark in $$sqrt{s}=13$$ÂTeV $$pp$$ collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	9
49	Measurements of top-quark pair single- and double-differential cross-sections in the all-hadronic channel in pp collisions at $$ sqrt{mathrm{s}} $$ = 13 TeV using the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
50	Search for phenomena beyond the Standard Model in events with large b-jet multiplicity using the ATLAS detector at the LHC. European Physical Journal C, 2021, 81, 1.	3.9	5
51	First results of the CAST-RADES haloscope search for axions at 34.67 Î¼eV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	43
52	Measurement of the Absolute Branching Fraction of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi>D</mml:mi><mml:mi>s</mml:mi><mml:mo>+</mml:mo></mml:msubsup><mml:mo stretchy="false">â†'</mml:mo><mml:msup><mml:mi>Ï„</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msub><mml:mi>Î½</mm via <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Ï„</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:mo. Physical	7.8	10
53	Observation of e+eâˆ' â†' Î·Ïˆ(2S) at center-of-mass energies from 4.236 to 4.600 GeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	0
54	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. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12

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55	Observation of the decays Ï‡cJ â†' $$ {mathrm{nK}}_{mathrm{S}}^0overline{Lambda} $$ + c.c.. Journal of High Energy Physics, 2021, 2021, 1.	4.7	0
56	Search for R-parity-violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment using $$sqrt{s} = 13hbox { TeV}$$ protonâ€"proton collision data. European Physical Journal C, 2021, 81, 1.	3.9	7
57	Measurement of the t$$ overline{t} $$t$$ overline{t} $$ production cross section in pp collisions at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
58	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. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
59	Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
60	Measurement of branching fractions of J/Ï^ and Ï^(3686) decays to Î£+ and $$ overline{Sigma} $$â^'. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
61	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. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
62	Search for charginoâ€"neutralino pair production in final states with three leptons and missing transverse momentum in $$sqrt{s} = 13$$ÂTeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	28
63	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1.	3.9	7
64	Measurement of b-quark fragmentation properties in jets using the decay BÂ± â†' J/Ï^KÂ± in pp collisions at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
65	Measurements of inclusive and differential cross-sections of combined $$ toverline{t}gamma $$ and tWÎ³ production in the eÎ¼ channel at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	3
66	Performance of the missing transverse momentum triggers for the ATLAS detector during Run-2 data taking. Journal of High Energy Physics, 2020, 2020, 1.	4.7	17
67	Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
68	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the 4$$ell $$ decay channel at $$sqrt{s}$$ = 13 TeV. European Physical Journal C, 2020, 80, 1.	3.9	32
69	Fluctuations of anisotropic flow in Pb+Pb collisions at $$ sqrt{{mathrm{s}}_{mathrm{NN}}} $$ = 5.02 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	28
70	Search for direct production of electroweakinos in final states with one lepton, missing transverse momentum and a Higgs boson decaying into two b-jets in $$pp$$ collisions at $$sqrt{s}=13$$ÂTeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	34
71	Measurement of differential cross sections for single diffractive dissociation in $$ sqrt{s} $$ = 8 TeV pp collisions using the ATLAS ALFA spectrometer. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8
72	Measurement of isolated-photon plus two-jet production in pp collisions at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	3

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73	Measurements of the production cross-section for a Z boson in association with b-jets in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
74	Search for the HH â†' $$ boverline{b}boverline{b} $$ process via vector-boson fusion production using proton-proton collisions at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	17
75	Observation of the associated production of a top quark and a Z boson in pp collisions at $$ sqrt{s} $$= 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
76	Measurement of the transverse momentum distribution of Drellâ€"Yan lepton pairs in protonâ€"proton collisions at $$sqrt{s}=13,$$TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	28
77	Observation of the Doubly Cabibbo-Suppressed Decay <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi>D</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo></mm stretchy="false">â†'</mml:mo><mml:msup><mml:mrow><mml:mi>K</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo></m Physical Review Letters, 2020, 125, 141802.	7.8	13
78	Search for direct production of electroweakinos in final states with missing transverse momentum and a Higgs boson decaying into photons in pp collisions at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
79	Measurements of top-quark pair spin correlations in the $$emu $$ channel at $$sqrt{s} = 13$$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	22
80	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $$ sqrt{s} $$ = 13 TeV proton-proton collisions recorded by ATLAS in Run 2 of the LHC. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
81	Higgs boson production cross-section measurements and their EFT interpretation in the $$4ell $$ decay channel at $$sqrt{s}=$$13ÂTeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	41
82	Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in $$ sqrt{s} $$ = 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	36
83	Measurements of Absolute Branching Fractions of Fourteen Exclusive Hadronic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>D</mml:mi></mml:math> Decays to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î·</mml:mi></mml:math>. Physical Review Letters, 2020, 124, 241803.	7.8	17
84	First Observation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi>D</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo></mm stretchy="false">â†'</mml:mo><mml:mi>Î·</mml:mi><mml:msup><mml:mrow><mml:mi>Î¼</mml:mi></mml:mrow><mml:mrow><mm and Measurement of Its Decay Dyn. Physical Review Letters, 2020, 124, 231801.	7.8	18
85	Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fbâ^'1 of data collected with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	19
86	Search for dijet resonances in events with an isolated charged lepton using $$ sqrt{s} $$ = 13 TeV proton-proton collision data collected by the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	7
87	Measurement of the Cross Section for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi>e</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo></mm stretchy="false">â†'</mml:mo><mml:msup><mml:mrow><mml:mi mathvariant="normal">Îž</mml:mi></mml:mrow><mml:mrow><mml:mo>â^'</mml:mo></mml:mrow></mml:msup><mml:msup><mm accent. Physical Review Letters, 2020, 124, 032002.	7.8	26
88	Measurement of the Z(â†' â„“+â„“â^')Î³ production cross-section in pp collisions at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	9
89	Measurement of long-range two-particle azimuthal correlations in Z-boson tagged pp collisions at $$sqrt{s}=8$$ and 13ÂTeV. European Physical Journal C, 2020, 80, 1.	3.9	5
90	Transverse momentum and process dependent azimuthal anisotropies in $$sqrt{s_{mathrm {NN}}}=8.16$$ÂTeV p+Pb collisions with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	12

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91	Measurement of J/Ï^ production in association with a WÂ± boson with pp data at 8 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	10
92	Search for new resonances in mass distributions of jet pairs using 139 fbâ^'1 of pp collisions at $$ sqrt{mathrm{s}} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	68
93	Search for $$ toverline{t} $$ resonances in fully hadronic final states in pp collisions at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
94	Reconstruction and identification of boosted di-Ï„ systems in a search for Higgs boson pairs using 13 TeV proton-proton collision data in ATLAS. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8
95	Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1.	3.9	93
96	Search for electroweak production of charginos and sleptons decaying into final states with two leptons and missing transverse momentum in $$sqrt{s}=13$$Â$$ext {TeV}$$ pp collisions using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	124
97	Search for top squarks in events with a Higgs or Z boson using 139Âfb$$^{-1}$$ of pp collision data at $$sqrt{s}=13$$ÂTeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	4
98	Evidence for $$tar{t}tar{t}$$ production in the multilepton final state in protonâ€"proton collisions at $$sqrt{s}=13$$Â$$ext {TeV}$$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	30
99	Search for heavy diboson resonances in semileptonic final states in pp collisions at $$sqrt{s}=13$$ÂTeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	29
100	Search for light long-lived neutral particles produced in pp collisions at $$sqrt{s} = 13~mathrm {TeV}$$ and decaying into collimated leptons or light hadrons with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	21
101	Search for a scalar partner of the top quark in the all-hadronic $$t{ar{t}}$$ plus missing transverse momentum final state at $$sqrt{s}=13$$ÂTeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	36
102	Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1.	3.9	12
103	Determination of jet calibration and energy resolution in protonâ€"proton collisions at $$sqrt{s} = 8~hbox {TeV}$$ using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	15
104	Constraints on mediator-based dark matter and scalar dark energy models using $$ sqrt{s} $$ = 13 TeV pp collision data collected by the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	49
105	Search for long-lived neutral particles in pp collisions at $${sqrt{s}} = 13~{ext { TeV}}$$ that decay into displaced hadronic jets in the ATLAS calorimeter. European Physical Journal C, 2019, 79, 1.	3.9	28
106	Search for Higgs boson pair production in the WW(*)WW(*) decay channel using ATLAS data recorded at $$ sqrt{mathrm{s}} $$ = 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	21
107	Search for large missing transverse momentum in association with one top-quark in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	8
108	Measurement of $$W^{pm }Z$$ production cross sections and gauge boson polarisation in pp collisions at $$sqrt{s} = 13~ext {TeV}$$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	41

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109	Searches for third-generation scalar leptoquarks in $$ sqrt{s} $$ = 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	30
110	Search for scalar resonances decaying into Î¼+Î¼âˆ’ in events with and without b-tagged jets produced in proton-proton collisions at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	15
111	Study of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi>e</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo></mml stretchy="false">â†'</mml:mo><mml:mi>Î³</mml:mi><mml:mi>Ï‰</mml:mi><mml:mi>J</mml:mi><mml:mo stretchy="false">)</mml:mo><mml:mi>Ï‡</mml:mi></mml:mrow></mml:math> and Observation of <mml:math xmlns:mml="http://www.w3. Physical Review Letters, 2019, 122, 232002.	7.8	54
112	Search for diboson resonances in hadronic final states in 139 fbâˆ’1 of pp collisions at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	20
113	Search for excited electrons singly produced in protonâ€“proton collisions at $$sqrt{s} ~=~13~ext {Te}ext {V}$$ with the ATLAS experiment at the LHC. European Physical Journal C, 2019, 79, .	3.9	4
114	Identification of boosted Higgs bosons decaying into b-quark pairs with the ATLAS detector at 13Â$$ext {TeV}$$. European Physical Journal C, 2019, 79, .	3.9	21
115	Measurement of the cross-section and charge asymmetry of W bosons produced in protonâ€“proton collisions at $$sqrt{s}=8~ext {TeV}$$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	24
116	Measurement of jet-substructure observables in top quark, W boson and light jet production in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	13
117	Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC protonâ€“proton collision data at $$sqrt{s} = 13$$Â$$ext {TeV}$$. European Physical Journal C, 2019, 79, 1.	3.9	77
118	Measurement of distributions sensitive to the underlying event in inclusive Z boson production in pp collisions at $$sqrt{s}$$ = 13 TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	3
119	Searches for scalar leptoquarks and differential cross-section measurements in dileptonâ€“dijet events in protonâ€“proton collisions at a centre-of-mass energy of $$varvec{sqrt{s}}$$ = 13ÂTeV with the ATLAS experiment. European Physical Journal C, 2019, 79, 1.	3.9	22
120	Search for single production of vector-like quarks decaying into Wb in pp collisions at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	27
121	Search for top-quark decays t â†' Hq with 36 fbâˆ’1 of pp collision data at $$ sqrt{s} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	19
122	Measurement of VH, $$ mathrm{H}o mathrm{b}overline{mathrm{b}} $$ production as a function of the vector-boson transverse momentum in 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
123	Search for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">><mml:mi>X</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>3872</mml:mn><mml:mo stretchy="false">)</mml:mo><mml:mo stretchy="false">â†'</mml:mo><mml:msup><mml:mi>Ï€</mml:mi><mml:mn>0</mml:mn></mml:msup><mml:msub><mml:mi>Ï‡</mml:m stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:mi>P</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 16	7.8	29
124	Measurements of W and Z boson production in pp collisions at $$sqrt{s}=5.02$$ s = 5.02 ÂTeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	17
125	Performance of top-quark and $$varvec{W}$$ W -boson tagging with ATLAS in Run 2 of the LHC. European Physical Journal C, 2019, 79, 1.	3.9	42
126	Measurements of inclusive and differential fiducial cross-sections of $$tar{t}gamma $$ production in leptonic final states at $$sqrt{s}=13~ext {TeV}$$ in ATLAS. European Physical Journal C, 2019, 79, 1.	3.9	14

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127	Evidence of a Resonant Structure in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi>e</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo></mml:mrow><mml:mo stretchy="false">â†'</mml:mo><mml:msup><mml:mrow><mml:mi>Ï€</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo>< Physical Review Letters, 2019, 122, 102002.	7.8	53
128	Electron and photon energy calibration with the ATLAS detector using 2015â€"2016 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P03017-P03017.	1.2	37
129	Search for doubly charged scalar bosons decaying into same-sign W boson pairs with the ATLAS detector. European Physical Journal C, 2019, 79, 58.	3.9	61
130	Search for heavy Majorana or Dirac neutrinos and right-handed W gauge bosons in final states with two charged leptons and two jets at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	39
131	Precision Measurement of the Branching Fractions of Î·â€² Decays. Physical Review Letters, 2019, 122, 142002.	7.8	10
132	In situ calibration of large-radius jet energy and mass in 13ÂTeVÂprotonâ€"proton collisions with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	28
133	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run 2 data collected in 2015 and 2016. European Physical Journal C, 2019, 79, 1.	3.9	46
134	Measurement of the ratio of cross sections for inclusive isolated-photon production in pp collisions at $$ sqrt{s} $$ = 13 and 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
135	Measurement of the top quark mass in the $$tar{t}ightarrow $$ t t Â¯ â†'. European Physical Journal C, 2019, 79, 1.	3.9	47
136	Search for pair production of Higgs bosons in the $$ boverline{b}boverline{b} $$ final state using proton-proton collisions at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	55
137	First Measurement of the Form Factors in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msubsup><mml:mrow><mml:mi>D</mml:mi></mml:mrow><mml:mrow><mml:mi>s</mml:mi></ stretchy="false">â†'</mml:mo><mml:msup><mml:mrow><mml:mi>K</mml:mi></mml:mrow><mml:mrow><mml:mn>0</mml:mn></ Physical Review Letters, 2019, 122, 061801.	7.8	25
138	A strategy for a general search for new phenomena using data-derived signal regions and its application within the ATLAS experiment. European Physical Journal C, 2019, 79, 1.	3.9	25
139	Measurement of the top-quark mass in $$ toverline{t} $$ + 1-jet events collected with the ATLAS detector in pp collisions at $$ sqrt{s} $$ = 8 TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	27
140	Measurement of fiducial and differential $$W^+W^-$$ production cross-sections at $$sqrt{s}=13$$ÂTeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	24
141	Measurement of ZZ production in the â„“â„“Î½Î½ final state with the ATLAS detector in pp collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
142	Measurement of $$W^{pm }$$-boson and Z-boson production cross-sections in pp collisions at $$sqrt{s}=2.76$$ÂTeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	8
143	Measurement of the inclusive cross-section for the production of jets in association with a Z boson in protonâ€"proton collisions at 8ÂTeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	9
144	Search for heavy neutral leptons in decays of W bosons produced in 13 TeV pp collisions using prompt and displaced signatures with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	50

#	Article	IF	Citations
145	Measurement of $$W^pm $$ boson production in Pb+Pb collisions at $$sqrt{s_{mathrm{NN}}} = 5.02~ext {Te}ext {V}$$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	17
146	ATLAS b-jet identification performance and efficiency measurement with $$t{ar{t}}$$ events in pp collisions at $$sqrt{s}=13$$ÂTeV. European Physical Journal C, 2019, 79, 1.	3.9	130
147	Measurement of flow harmonics correlations with mean transverse momentum in leadâ€“lead and protonâ€“lead collisions atÂ$$sqrt{s_{mathrm{NN}}} = 5.02~hbox {TeV}$$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	36
148	Observation of the Semileptonic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>D</mml:mi><mml:mo>+</mml:mo></mml:msup></mml:math> Decay into the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mover accent="true"><mml:mrow><mml:mi>K</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="false">Â¯</mml:mo></mml:mrow></mml:mover></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub	7.8	22
149	Measurements of top-quark pair differential and double-differential cross-sections in the $$ell $$+jets channel with pp collisions at $$sqrt{s}=13$$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	34
150	Search for bottom-squark pair production with the ATLAS detector in final states containing Higgs bosons, b-jets and missing transverse momentum. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
151	Measurement of the inclusive isolated-photon cross section in pp collisions at $$ sqrt{s} $$ = 13 TeV using 36 fbâ^'1 of ATLAS data. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
152	Measurement of $$K_S^0$$ and $$Lambda ^0$$ production in $$t ar{t}$$ dileptonic events in pp collisions at $$sqrt{s} =$$ 7 TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	4
153	Precision Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi>e</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo></mml stretchy="false">â†'</mml:mo><mml:msubsup><mml:mrow><mml:mi mathvariant="normal">Î</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo> Physical Review Letters, 2018, 120, 132001.	7.8	66
154	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fbâ^'1 of pp collisions at s = 13 $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	116
155	Measurement of the cross-section for producing a W boson in association with a single top quark in pp collisions at s = 13 $$ sqrt{s}=13 $$ TeV with ATLAS. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
156	Measurement of the W-boson mass in pp collisions at $$sqrt{s}=7, hbox {TeV}$$ s = 7 TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 110.	3.9	218
157	Search for new phenomena in high-mass final states with a photon and a jet from $$pp$$ pp collisions at $$sqrt{s}$$ s. European Physical Journal C, 2018, 78, 102.	3.9	13
158	Search for the direct production of charginos and neutralinos in final states with tau leptons in $$sqrt{s} = 13,mathrm{TeV}$$ s = 13 TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 154.	3.9	52
159	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at $$sqrt{s_{ext {NN}}}=2.76$$ s NN = 2.76 and 5.0. European Physical Journal C, 2018, 78, 142.	3.9	59
160	Measurement of quarkonium production in protonâ€“lead and protonâ€“proton collisions at $$5.02~mathrm {TeV}$$ 5.02 TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 171.	3.9	75
161	Measurement of differential cross-sections of a single top quark produced in association with a W boson at $$sqrt{s}={13}{ext {TeV}}$$ s = 13 TeV with ATLAS. European Physical Journal C, 2018, 78, 186.	3.9	20
162	Search for heavy ZZ resonances in the $$ell ^+ell ^-ell ^+ell ^-$$ â„“ + â„“ - â„“ + â„“ - and $$ell ^+ell ^-u ar{u }$$ â„“ + â„“ - Î½ Î½ Â¯ final states using protonâ€“proton collisions at $$sqrt{s}= 13$$ s = 13 Â $$ext {TeV}$$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 293.	3.9	101

#	Article	IF	Citations
163	A search for pair-produced resonances in four-jet final states at $$sqrt{s}=13$$ s = 13 $$ext {TeV}$$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 250.	3.9	66
164	Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in 36 fbâˆ’1 of $$ sqrt{s}=13 $$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
165	Search for heavy resonances decaying into WW in the $$eu mu u $$ e Î½ Î¼ Î½ final state in pp collisions at $$sqrt{s}=13$$ s = 13 $$,ext {TeV}$$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 24.	3.9	108
166	Direct top-quark decay width measurement in the $$mathbf {varvec{tar{t}}}$$ t t Â¯ lepton+jets channel at $$sqrt{s}=8~ext {TeV}$$ s = 8 TeV with the ATLAS experiment. European Physical Journal C, 2018, 78, 129.	3.9	17
167	Search for W W/W Z resonance production in â„“Î½qq final states in pp collisions at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	31
168	Measurement of the Higgs boson coupling properties in the H â†’ ZZâˆ— â†’ 4â„“ decay channel at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	46
169	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the H â†’ aa â†’ 4b channel in pp collisions at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	28
170	Measurement of the $$ Zgamma o u overline{u}gamma $$ production cross section in pp collisions at $$ sqrt{s}=13 $$ TeV with the ATLAS detector and limits on anomalous triple gauge-boson couplings. Journal of High Energy Physics, 2018, 2018, 1.	4.7	10
171	Prompt and non-prompt $$J/psi $$ J / Ï^ elliptic flow in Pb+Pb collisions at $$sqrt{s_{_ext {NN}}} = 5.02$$ s NN = 5.02 Tev with the ATLAS detectorÂ. European Physical Journal C, 2018, 78, 784.	3.9	19
172	Search for Higgs boson pair production in the $$gamma gamma WW^*$$ Î³ Î³ W W âˆ— channel using $$pp$$ pp collision data recorded at $$sqrt{s}$$ s $$=13$$ = 13 TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 1007.	3.9	53
173	Measurement of colour flow using jet-pull observables in $$tar{t}$$ t t Â¯ events with the ATLAS experiment at $$sqrt{s} = 13,hbox {TeV}$$ s = 13 TeV. European Physical Journal C, 2018, 78, 847.	3.9	16
174	Angular analysis of B0 dâ€‰â†’â€‰Kâˆ—Î¼+Î¼â^' decays in pp collisions at $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	76
175	Measurement of the Branching Fraction For the Semileptonic Decay D0(+)â†’Ï€â^'(0)Î¼+Î½Î¼ and Test of Lepton Flavor Universality. Physical Review Letters, 2018, 121, 171803.	7.8	42
176	Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in 36 fb $$^{-1}$$ - 1 of pp collisions at. European Physical Journal C, 2018, 78, 401.	3.9	50
177	Search for dark matter in events with a hadronically decaying vector boson and missing transverse momentum in pp collisions at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	29
178	Measurements of differential cross sections of top quark pair production in association with jets in pp collisions at $$ sqrt{s}=13 $$ TeV using the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	9
179	Search for Higgs boson pair production in the $$ upgamma upgamma boverline{b} $$ final state with 13 TeV pp collision data collected by the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	4.7	38
180	Search for new phenomena in events with same-charge leptons and b-jets in pp collisions at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	30

#	Article	IF	Citations
181	Measurement of the azimuthal anisotropy of charged particles produced in $$sqrt{s_{_ext {NN}}}$$ s NN = 5.02ÂTeV Pb+Pb collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 997.	3.9	51
182	Performance of missing transverse momentum reconstruction with the ATLAS detector using protonâ€"proton collisions at $$sqrt{s}=13~hbox {TeV}$$ s = 13 TeV. European Physical Journal C, 2018, 78, 903.	3.9	181
183	Search for electroweak production of supersymmetric particles in final states with two or three leptons at $$sqrt{s}=13hbox {TeV}$$ s = 13 TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 995.	3.9	125
184	Search for charged Higgs bosons decaying into top and bottom quarks at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	56
185	Operation and performance of the ATLAS Tile Calorimeter in RunÂ1. European Physical Journal C, 2018, 78, 987.	3.9	25
186	Search for supersymmetry in final states with missing transverse momentum and multiple b-jets in proton-proton collisions at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	37
187	Search for pair production of heavy vector-like quarks decaying into high-pT W bosons and top quarks in the lepton-plus-jets final state in pp collisions at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	22
188	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 fbâˆ'1 of $$ sqrt{s}=13 $$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	48
189	Search for long-lived charginos based on a disappearing-track signature in pp collisions at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	67
190	Search for supersymmetry in final states with charm jets and missing transverse momentum in 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	15
191	Search for charged Higgs bosons decaying via HÂ± â†' Ï„Â±Î½Ï„ in the Ï„+jets and Ï„+lepton final states with 36 fbâˆ'1 of pp collision data recorded at $$ sqrt{s}=13 $$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	4.7	59
192	Prompt and non-prompt $$J/psi $$ J / Ïˆ and $$psi (2mathrm {S})$$ Ïˆ (2 S) suppression at high transverse momentum in $$5.02~mathrm {TeV}$$ 5.02 TeV Pb+Pb collisions with the ATLAS experiment. European Physical Journal C, 2018, 78, 762.	3.9	61
193	Search for Higgs boson decays to beyond-the-Standard-Model light bosons in four-lepton events with the ATLAS detector at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	31
194	Search for exclusive Higgs and Z boson decays to Ï•Î³ and Ïï³ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	16
195	Measurements of b-jet tagging efficiency with the ATLAS detector using $$ toverline{t} $$ events at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
196	Search for flavour-changing neutral current top-quark decays t â†' qZ in proton-proton collisions at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
197	Measurement of the inclusive and fiducial $$tar{t}$$ t t Â¯ production cross-sections in the. European Physical Journal C, 2018, 78, 487.	3.9	10
198	Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in protonâ€"proton collisions at $$sqrt{s} = 13$$ s = 13 Â $$ext {TeV}$$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 565.	3.9	79

#	Article	IF	Citations
199	Measurement of the integrated Luminosities of cross-section scan data samples around the ${m{psi }}$(3770) mass region. Chinese Physics C, 2018, 42, 063001.	3.7	3
200	Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in $$sqrt{s}=13$$ s = 13 Â $$ext {Te}ext {V}$$ Te pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 625.	3.9	27
201	Search for dark matter and other new phenomena in events with an energetic jet and large missing transverse momentum using the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	136
202	Observation of Ï^(3686)â†'Î·â€²e+eâ^'. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 452-458.	4.1	6
203	Precision Study of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi>Î·</mml:mi></mml:mrow><mml:mrow><mml:mo>â€²</mml:mo><mml:mo stretchy="false">â†'</mml:mo><mml:mi>Î³</mml:mi><mml:msup><mml:mrow><mml:mi>Ï€</mml:mi></mml:mrow><mml:mrow><mml:mo Decay Dynamics. Physical Review Letters, 2018, 120, 242003.	7.8	35
204	Measurement of inclusive jet and dijet cross-sections in proton-proton collisions at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
205	Search for dark matter produced in association with bottom or top quarks in $$sqrt{s}=13$$s=13ÂTeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 18.	3.9	60
206	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using protonâ€"proton collisions at $$sqrt{s}=13,ext {TeV}$$ s = 13 TeV. European Physical Journal C, 2018, 78, 199.	3.9	132
207	Measurement of $$au $$ Ï„ polarisation in $$Z/gamma ^{*}ightarrow au au $$ Z / Î³. European Physical Journal C, 2018, 78, 163.	3.9	7
208	Searches for heavy ZZ and ZW resonances in the â„"â„"qq and Î½Î½qq final states in pp collisions at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	29
209	Determination of the number of Ï^(3686) events at BESIII. Chinese Physics C, 2018, 42, 023001.	3.7	53
210	Search for pair production of up-type vector-like quarks and for four-top-quark events in final states with multiple b-jets with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	33
211	Measurement of singly Cabibbo-suppressed decays D0â€¯â†'â€¯Ï€0Ï€0Ï€0, Ï€0Ï€0Î·, Ï€0Î·Î· and Î·Î·Î·. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 368-375.	4.1	3
212	Measurement of differential cross sections and W+/Wâ^' cross-section ratios for W boson production in association with jets at $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	16
213	Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in 36 fbâ^'1 of (sqrt{s}=13) TeV pp collisions with the ATLAS detector. , 2018, 2018, 1.		1
214	Measurement of the W-boson mass in pp collisions at (sqrt{s}=7, hbox {TeV}) with the ATLAS detector. , 2018, 78, 1.		1
215	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using protonâ€"proton collisions at (sqrt{s}=13,ext {TeV}). , 2018, 78, 1.		1
216	Measurements of the branching fractions for D+â†'KS0KS0K+, KS0KS0Ï€+ and D0â†'KS0KS0, KS0KS0KS0. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 231-237.	4.1	4

#	Article	IF	Citations
217	Measurement of the $${varvec{tar{t}Z}}$$ t t Â¯ Z and $${varvec{tar{t}W}}$$ t t Â¯ W production cross sections in multilepton final states using 3.2 fb $$^{-1}$$ - 1 of $$varvec{pp}$$ p p collisions at $$sqrt{s}$$ s = 13 TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 40.	3.9	41
218	A measurement of the calorimeter response to single hadrons and determination of the jet energy scale uncertainty using LHC Run-1 pp-collision data with the ATLAS detector. European Physical Journal C, 2017, 77, 26.	3.9	29
219	Amplitude Analysis of the Decays Î·â€²â†’Ï€+Ï€âˆ’Ï€0 and Î·â€²â†’Ï€0Ï€0Ï€0. Physical Review Letters, 2017, 118, 012001.	7.8	28
220	Precise Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>e</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>e</mml:mi><mml:mo>â stretchy="false">â†’</mml:mo><mml:msup><mml:mi>Ï€</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>Ï€</mmlpp <mml:mi>Ï€</mm stretchy="false">/</mml:mo><mml:mi>Î¹</mml:mi></mml:math> Cross Section at Center-of-Mass Energies Evidence for Resonant Substructure in Leptonic 2017, 118, 092001.	7.8	182
221	Evidence for a Vector Glueball and an Isoscalar Scalar Glueball in Radiative $$J/psi$$ Ï^ Decays to $$eta^{prime }eta^{prime }$$ Î·â€²Î·â€² and $$eta^{prime }pi^{0}pi^{0}$$ Î·â€²Ï€0Ï€0. Physical Review Letters, 2017, 118, 092002.	7.8	139
222	Measurement of the inclusive cross-sections of single top-quark and top-antiquark t-channel production in pp collisions at s = 13 $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
223	Measurement of jet activity produced in top-quark events with an electron, a muon and two b-tagged jets in the final state in pp collisions at $$sqrt{s}=13$$ s = 13 TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 220.	3.9	11
224	Measurement of the W boson polarisation in $$tar{t}$$ t t Â¯ events from pp collisions at $$sqrt{s}$$ s = 8 TeV in the leptonÂ+Âjets channel with ATLAS. European Physical Journal C, 2017, 77, 264.	3.9	37
225	Electron efficiency measurements with the ATLAS detector using 2012 LHC protonâ€“proton collision data. European Physical Journal C, 2017, 77, 195.	3.9	87
226	Measurements of top-quark pair differential cross-sections in the $$emu $$ e Î¼ channel in pp collisions at $$sqrt{s} = 13$$ s = 13 ÂTeV using the ATLAS detector. European Physical Journal C, 2017, 77, 292.	3.9	27
227	Performance of algorithms that reconstruct missing transverse momentum in $$sqrt{s}$$ s = 8 TeV protonâ€“proton collisions in the ATLAS detector. European Physical Journal C, 2017, 77, 241.	3.9	61
228	Measurement of the absolute branching fraction for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msubsup><mml:mrow><mml:mi mathvariant="normal">Î›</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo> stretchy="false">â†’</mml:mo><mml:mi mathvariant="normal">Î›</mml:mi><mml:msup><mml:mrow><mml:mi>Î¼</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo	4.1	42
229	Measurement of the prompt J/ $$psi $$ Ï^ pair production cross-section in pp collisions at $$sqrt{s} = 8$$ s = 8 ÂTeV with the ATLAS detector. European Physical Journal C, 2017, 77, 76.	3.9	81
230	Search for triboson $$W^{pm }W^{pm }W^{mp }$$ W Â± W Â± W â^“ production in pp collisions at $$sqrt{s}=8$$ s = 8 Â $$ext {TeV}$$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 141.	3.9	25
231	Observation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msubsup><mml:mrow><mml:mi mathvariant="normal">Î›</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi></mml:mrow><mml:mrow><mml:mo>+ stretchy="false">â†’</mml:mo><mml:mi>n</mml:mi><mml:msubsup><mml:mrow><mml:mi>K</mml:mi></mml:mrow><mml:mrow> Physical Review Letters, 2017, 118, 182001.	7.8	31
232	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490.	3.9	325
233	Fiducial, total and differential cross-section measurements of t-channel single top-quark production in pp collisions at 8ÂTeV using data collected by the ATLAS detector. European Physical Journal C, 2017, 77, 531.	3.9	56
234	Measurements of electroweak $$Wjj $$ W j j production and constraints on anomalous gauge couplings with the ATLAS detector. European Physical Journal C, 2017, 77, 474.	3.9	26

#	Article	IF	Citations
235	Measurement of cross sections of the interactions e+eâ^'â†'Ï•Ï•Ï‰ and e+eâ^'â†'Ï•Ï•Ï• at center-of-mass energies from 4.008 to 4.600â€‰GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 78-86.	4.1	5
236	Jet reconstruction and performance using particle flow with the ATLAS Detector. European Physical Journal C, 2017, 77, 466.	3.9	145
237	Determination of the number of J/Î^ events with inclusive J/Î^ decays. Chinese Physics C, 2017, 41, 013001.	3.7	55
238	Study of J/Ï^ and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>Ï^</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>3686</mml:mn><mml:mo stretchy="false">)</mml:mo><mml:mo stretchy="false">â†'</mml:mo><mml:mi mathvariant="normal">Î£</mml:mi><mml:msup><mml:mrow><mml:mo altimg="si1.gif" overflow="scroll">(</mml:mo><mml:mn>1385</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 597 Td (stretchy="false">)</m	4.1	37
239	<mml:msup><mml:mrow><mml:mi>e</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo></mml:mrow><mml:mo stretchy="false">â†'</mml:mo><mml:mi>p</mml:mi><mml:mover accent="true"><mml:mrow><mml:mi>p</mml:mi></mml:mrow><mml:mrow><mml:mo	4.1	16
240	Observation of the decay <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll">><mml:msubsup><mml:mrow><mml:mi mathvariant="normal">Î›</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo> stretchy="false">â†'</mml:mo><mml:msup><mml:mrow><mml:mi mathvariant="normal">Î£</mml:mi></mml:mrow><mml:mrow><mml:mo>â^'</mml:mo></mml:mrow></mml:msup><mml:msup><mml:m Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 388-393.	4.1	18
241	Measurement of multi-particle azimuthal correlations in pp, pÂ+ÂPb and low-multiplicity PbÂ+ÂPb collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 428.	3.9	86
242	Determination of the Spin and Parity of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">><mml:mrow><mml:msub><mml:mrow><mml:mi>Z</mml:mi></mml:mrow><mml:mrow><mml:mi>a</mml:mi></mml:m stretchy="false">(</mml:mo><mml:mn>3900</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 447 Td (stretchy="false">)</m	7.8	74
243	Measurement of inclusive and differential cross sections in the H â†' ZZ * â†' 4â„“ decay channel in pp collisions at s = 13 $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	31
244	Measurement of lepton differential distributions and the top quark mass in $$tar{t}$$ t t Â¯. European Physical Journal C, 2017, 77, 804.	3.9	28
245	Measurement of the $$ toverline{t}gamma $$ production cross section in proton-proton collisions at $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
246	Measurements of charge and CP asymmetries in b-hadron decays using top-quark events collected by the ATLAS detector in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
247	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. European Physical Journal C, 2017, 77, 673.	3.9	75
248	Search for new phenomena in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $$varvec{sqrt{s}=13}$$ s = 13 Â $$ext {TeV}$$ TeV $$varvec{pp}$$ p p collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 144.	3.9	12
249	Measurement of the ZZ production cross section in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV using the ZZ â†' â„“â^'â„“+â„“â€²â^'â„“â€²+ and Z Z â†' â„“ â^' â„“ + Î½ Î½ Â¯ $$ ZZo {ell}^{-}{ell}^{+}u overline{u} $$ decay chan with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	6
250	Probing the W tb vertex structure in t-channel single-top-quark production and decay in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
251	Observation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">><mml:mi>Ï^</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>3686</mml:mn><mml:mo stretchy="false">)</mml:mo><mml:mo stretchy="false">â†'</mml:mo><mml:msup><mml:mi>e</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>e</mml:m and <mml:math xmlns:mml="http://www.w3.org/1998/Math/M. Physical Review Letters, 2017, 118, 221802.	7.8	13
252	Measurements of Ï^(2S) and X(3872) â†' J/Ï^Ï€ + Ï€ â^' production in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	33

#	Article	IF	Citations
253	Measurements of top-quark pair to Z-boson cross-section ratios at s = 13 $$ sqrt{s}=13 $$, 8, 7 TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
254	Search for lepton-flavour-violating decays of the Higgs and Z bosons with the ATLAS detector. European Physical Journal C, 2017, 77, 70.	3.9	79
255	Performance of the ATLAS trigger system in 2015. European Physical Journal C, 2017, 77, 317.	3.9	489
256	Reconstruction of primary vertices at the ATLAS experiment in Run 1 protonâ€“proton collisions at the LHC. European Physical Journal C, 2017, 77, 332.	3.9	71
257	Measurements of the production cross section of a $$Z$$ Z boson in association with jets in pp collisions at $$sqrt{s} = 13$$ s. European Physical Journal C, 2017, 77, 361.	3.9	47
258	Precision measurement and interpretation of inclusive $$W^+$$ W + , $$W^-$$ W -. European Physical Journal C, 2017, 77, 367.	3.9	145
259	Measurement of jet fragmentation in Pb+Pb and pp collisions at $$sqrt{{s_mathrm{NN}}} = 2.76$$ s NN = 2.76. European Physical Journal C, 2017, 77, 379.	3.9	51
260	Search for dark matter at $$sqrt{s}=13~mathrm{TeV}$$ s = 13 TeV in final states containing an energetic photon and large missing transverse momentum with the ATLAS detector. European Physical Journal C, 2017, 77, 393.	3.9	80
261	Measurement of charged-particle distributions sensitive to the underlying event in s = 13 $$ sqrt{s}=13 $$ TeV proton-proton collisions with the ATLAS detector at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
262	Search for direct top squark pair production in final states with two leptons in $$sqrt{s} = 13$$ s = 13 TeV pp collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 898.	3.9	50
263	Measurement of integrated luminosity and center-of-mass energy of data taken by BESIII at. Chinese Physics C, 2017, 41, 113001.	3.7	11
264	Search for direct top squark pair production in events with a Higgs or Z boson, and missing transverse momentum in s = 13 $$ sqrt{s}=13 $$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	8
265	Measurement of detector-corrected observables sensitive to the anomalous production of events with jets and large missing transverse momentum in $$varvec{pp}$$ p p collisions at $$mathbf {sqrt{s}=13}$$ s = 13 ÂTeV using the ATLAS detector. European Physical Journal C, 2017, 77, 765.	3.9	19
266	Luminosity measurements for the R scan experiment at BESIII. Chinese Physics C, 2017, 41, 063001.	3.7	39
267	Measurement of b-hadron pair production with the ATLAS detector in proton-proton collisions at $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	8
268	Search for supersymmetry in events with b-tagged jets and missing transverse momentum in pp collisions at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
269	Measurement of the inclusive jet cross-sections in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	23
270	Search for pair production of vector-like top quarks in events with one lepton, jets, and missing transverse momentum in s = 13 $$ sqrt{s}=13 $$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	38

#	Article	IF	Citations
271	Identification and rejection of pile-up jets at high pseudorapidity with the ATLAS detector. European Physical Journal C, 2017, 77, 580.	3.9	35
272	Measurement of $$WW/WZ ightarrow ell u q q^{prime }$$ W W / W Z â†' â„“ Î½ q q â€² production with the hadronically decaying boson reconstructed as one or two jets in pp collisions at $$sqrt{s} =8~ext {TeV}$$ s = 8 TeV with ATLAS, and constraints on anomalous gauge couplings. European Physical Journal C, 2017, 77, 563.	3.9	28
273	Search for new phenomena in a lepton plus high jet multiplicity final state with the ATLAS experiment using s = 13 $$ sqrt{s}=13 $$ TeV proton-proton collision data. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
274	Searches for the ZÎ³ decay mode of the Higgs boson and for new high-mass resonances in pp collisions at s = 13 $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	30
275	Studies of ZÎ³ production in association with a high-mass dijet system in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
276	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $$ sqrt{s}=13 $$ TeV using the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	16
277	Search for top quark decays t â†' qH, with H â†' Î³Î³, in s = 13 $$ sqrt{s}=13 $$ TeV pp collisions using the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	18
278	Study of $$WWgamma $$ W W Î³ and $$WZgamma $$ W Z. European Physical Journal C, 2017, 77, 646.	3.9	30
279	Measurements of top quark spin observables in t t Â¯ $$ toverline{t} $$ events using dilepton final states in s = 8 $$ sqrt{s}=8 $$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	20
280	Search for new phenomena with large jet multiplicities and missing transverse momentum using large-radius jets and flavour-tagging at ATLAS in 13 TeV pp collisions. Journal of High Energy Physics, 2017, 2017, 1.	4.7	11
281	Top-quark mass measurement in the all-hadronic t t Â¯ $$ toverline{t} $$ decay channel at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	16
282	Measurement of the Drell-Yan triple-differential cross section in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	28
283	Search for a scalar partner of the top quark in the jets plus missing transverse momentum final state at s = 13 $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	45
284	Search for supersymmetry in final states with two same-sign or three leptons and jets using 36 fbâˆ'1 of $$ sqrt{s}=13 $$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	31
285	Search for pair production of heavy vector-like quarks decaying to high-p T W bosons and b quarks in the lepton-plus-jets final state in pp collisions at s = 13 $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	36
286	Measurement of the k t splitting scales in Z â†' â„“â„“ events in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	3
287	Analysis of the Wtb vertex from the measurement of triple-differential angular decay rates of single top quarks produced in the t-channel at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	8
288	Evidence for the H â†' b b Â¯ $$ Ho boverline{b} $$ decay with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	64

#	Article	IF	Citations
289	Search for new high-mass phenomena in the dilepton final state using 36 fbâˆ’1 of proton-proton collision data at s = 13 $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	168
290	Determination of the strong coupling constant $$alpha _mathrm {s}$$ Î± s from transverse energyâ€“energy correlations in multijet events at $$sqrt{s} = 8~hbox {TeV}$$. European Physical Journal C, 2017, 77, 872.	3.9	32
291	Study of hard double-parton scattering in four-jet events in pp collisions at s = 7 $$ sqrt{s}=7 $$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.	4.7	30
292	Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in s = 8 $$ sqrt{s}=8 $$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	10
293	Measurement of event-shape observables in $$Z ightarrow ell ^{+} ell ^{-}$$ Z â†’ â„“ + â„“ - events in pp collisions at $$sqrt{s}=7$$ s = 7 Â $${mathrm{TeV}}$$ TeV with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 375.	3.9	15
294	Charged-particle distributions in pp interactions at $$sqrt{s}=8 mathrm {, TeV}$$ s = 8 TeV measured with the ATLAS detector. European Physical Journal C, 2016, 76, 403.	3.9	30
295	Charged-particle distributions at low transverse momentum in $$sqrt{s} = 13$$ s = 13 ÂTeV pp interactions measured with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 502.	3.9	61
296	Search for bottom squark pair production in protonâ€“proton collisions at $$sqrt{s}=13$$ s = 13 ÂTeV with the ATLAS detector. European Physical Journal C, 2016, 76, 547.	3.9	37
297	Search for minimal supersymmetric standard model Higgs Bosons HÂ/ÂA and for a $$Z^{prime }$$ Z â€² boson in the $$au au $$ Ï„ Ï„ final state produced in pp collisions at $$sqrt{s}= 13$$ s = 13 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 585.	3.9	51
298	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run-1 data. European Physical Journal C, 2016, 76, 666.	3.9	73
299	Measurement of the $$boverline{b}$$ b b Â¯ dijet cross section in pp collisions at $$sqrt{s} = 7$$ s = 7 ÂTeV with the ATLAS detector. European Physical Journal C, 2016, 76, 670.	3.9	12
300	The performance of the jet trigger for the ATLAS detector during 2011 data taking. European Physical Journal C, 2016, 76, 526.	3.9	21
301	Search for new phenomena in different-flavour high-mass dilepton final states in pp collisions at $$sqrt{s}=13$$ s = 13 ÂTev with the ATLAS detector. European Physical Journal C, 2016, 76, 541.	3.9	23
302	Search for the Higgs boson produced in association with a W boson and decaying to four b-quarks via two spin-zero particles in pp collisions at 13 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 605.	3.9	24
303	Muon reconstruction performance of the ATLAS detector in protonâ€“proton collision data at $$sqrt{s}$$ s =13ÂTeV. European Physical Journal C, 2016, 76, 292.	3.9	453
304	Test of CP invariance in vector-boson fusion production of the Higgs boson using the Optimal Observable method in the ditau decay channel with the ATLAS detector. European Physical Journal C, 2016, 76, 658.	3.9	48
305	Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at $$sqrt{s}$$ s = 13 Te V with the ATLAS detector. European Physical Journal C, 2016, 76, 565.	3.9	31
306	Measurement of Singly Cabibbo Suppressed Decays <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi mathvariant="normal">Î›</mml:mi><mml:mi>c</mml:mi><mml:mo>+</mml:mo></mml:msubsup><mml:mo stretchy="false">â†’</mml:mo><mml:mi>p</mml:mi><mml:msup><mml:mi>Ï€</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:ms and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi mathvar. Physical Review Letters, 2016, 117, 232002.	7.8	25

#	Article	IF	Citations
307	Measurement of the inclusive isolated prompt photon cross section in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	44
308	Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	71
309	Measurement of the e+eâ^'â†'Ï€+Ï€â^' cross section between 600 and 900 MeV using initial state radiation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 629-638.	4.1	174
310	Search for flavour-changing neutral current top-quark decays to $$varvec{qZ}$$ q Z in $$varvec{pp}$$ p p collision data collected with the ATLAS detector at $$varvec{sqrt{s}=8}$$ s = 8 ÂTeV. European Physical Journal C, 2016, 76, 12.	3.9	39
311	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $$sqrt{s}=8,mathrm TeV{}$$ s = 8 T e. European Physical Journal C, 2016, 76, 87.	3.9	39
312	Search for direct top squark pair production in final states with two tau leptons in pp collisions at $$sqrt{s}=8$$ s = 8 ÂTeV with the ATLAS detector. European Physical Journal C, 2016, 76, 81.	3.9	10
313	Search for charged Higgs bosons in the H Â± â†' tb decay channel in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV using the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	43
314	Measurement of the leptonic decay width of J/Ï^ using initial state radiation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 98-103.	4.1	6
315	Study of the rare decays of $$B^0_s$$ B s 0 and $$B^0$$ B 0 into muon pairs from data collected during the LHC Run 1 with the ATLAS detector. European Physical Journal C, 2016, 76, 513.	3.9	46
316	Search for supersymmetry in a final state containing two photons and missing transverse momentum in $$varvec{sqrt{s}}$$ s Â=Â13ÂTeV $$varvec{pp}$$. European Physical Journal C, 2016, 76, 517.	3.9	24
317	Search for resonances in diphoton events at s = 13 $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	70
318	Search for single production of vector-like quarks decaying into Wb in pp collisions at $$sqrt{s} = 8$$ s = 8 ÂTeV with the ATLAS detector. European Physical Journal C, 2016, 76, 442.	3.9	43
319	Measurement of the relative width difference of the B 0 â€•B Â¯ 0 $$ {B}^0hbox{-} {overline{B}}^0 $$ system with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
320	Observation of an Anomalous Line Shape of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi>Î·</mml:mi></mml:mrow><mml:mrow><mml:mo>â€²</mml:mo></m Spectrum near the<mml:math xmlns:mml="http://www.w3.org/199. Physical Review Letters, 2016, 117, 042002.	7.8	40
321	Measurements of Absolute Hadronic Branching Fractions of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi mathvariant="normal">Î›</mml:mi><mml:mi>c</mml:mi><mml:mo>+</mml:mo></mml:msubsup></mml:math>Baryon. Physical Review Letters, 2016, 116, 052001.	7.8	94
322	Observation of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>h</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math>Radiative Decay<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>h</mml:mi><mml:mi>c</mml:mi></mml:msub><mml:mo stretchy="false">â†'</mml:mo><mml:mi>Î³</mml:mi><mml:msup><mml:mi>Î·</mml:mi><mml:mo>â€²</mml:mo></mml:msup></mml: Evidence for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline". Physical R	7.8	13
323	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. European Physical Journal C, 2016, 76, 295.	3.9	50
324	Performance of pile-up mitigation techniques for jets in $$pp$$ p p collisions at $$sqrt{s}=8$$. European Physical Journal C, 2016, 76, 581.	3.9	298

#	Article	IF	Citations
325	Improved measurement of the absolute branching fraction of $$D^{+}ightarrow ar{K}^0 mu ^{+}u _{mu }$$ D + â†' K Â¯ 0 Î¼ + Î½ Î¼. European Physical Journal C, 2016, 76, 1.	3.9	39
326	Gas gain stabilisation in the ATLAS TRT detector. Journal of Instrumentation, 2016, 11, P04027-P04027.	1.2	0
327	Measurement of the charged-particle multiplicity inside jets from $$sqrt{s}=8$$ s = 8 $${mathrm{TeV}}$$ TeV Âpp collisions with the ATLAS detector. European Physical Journal C, 2016, 76, 322.	3.9	51
328	Measurement of jet activity in top quark events using the eÎ¼ final state with two b-tagged jets in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	4
329	Measurement of the transverse momentum and $$phi ^*_{eta }$$ Ï• Î· â^— distributions of Drellâ€"Yan lepton pairs in protonâ€"proton collisions at $$sqrt{s}=8$$ s = 8 ÂTeV with the ATLAS detector. European Physical Journal C, 2016, 76, 291.	3.9	154
330	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to WW â^—â†'eÎ½Î¼Î½ with the ATLAS detector at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
331	Search for new phenomena in events with a photon and missing transverse momentum in pp collisions at s = 13 $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	20
332	A search for top squarks with R-parity-violating decays to all-hadronic final states with the ATLAS detector in s = 8 $$ sqrt{s}=8 $$ TeV proton-proton collisions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
333	Identification of high transverse momentum top quarks in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
334	A search for an excited muon decaying to a muon and two jets inppcollisions at $sqrt{s};=;8;{m{TeV}}$ with the ATLAS detector. New Journal of Physics, 2016, 18, 073021.	2.9	2
335	Beam-induced and cosmic-ray backgrounds observed in the ATLAS detector during the LHC 2012 proton-proton running period. Journal of Instrumentation, 2016, 11, P05013-P05013.	1.2	11
336	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $$sqrt{s}=8,~{mathrm {TeV}}$$ s = 8 TeV using the ATLAS detector. European Physical Journal C, 2016, 76, 538.	3.9	115
337	Measurement of the absolute branching fraction of D ⁺ â†' KÌ… ⁰ e ⁺ Î½ _e via <b> KÌ… ⁰ â†' Ï€ ⁰ Ï€ <sup>0</. Chinese Physics C, 2016, 40, 113001.	3.7	31
338	Measurements of the center-of-mass energies at BESIII via the di-muon process. Chinese Physics C, 2016, 40, 063001.	3.7	68
339	Measurement of the differential cross-sections of prompt and non-prompt production of $$J/psi $$ J / Ï^ and $$psi (2mathrm {S})$$ Ï^ (2 S) in pp collisions at $$sqrt{s} = 7$$ s = 7 and 8ÂTeV with the ATLAS detector. European Physical Journal C, 2016, 76, 283.	3.9	63
340	Luminosity determination in pp collisions at $$sqrt{s}$$ s = 8 TeV using the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 653.	3.9	279
341	Search for squarks and gluinos in events with hadronically decaying tau leptons, jets and missing transverse momentum in protonâ€"proton collisions at $$sqrt{s}=13$$ s = 13 ÂTeV recorded with the ATLAS detector. European Physical Journal C, 2016, 76, 683.	3.9	11
342	Addendum to â€˜Measurement of the $$tar{t}$$ t t Â¯ production cross-section using $$emu $$ e Î¼ events with b-tagged jets in pp collisions at $$sqrt{s}$$ s = 7 and 8Â $$,mathrm{TeV}$$ TeV with the ATLAS detectorâ€™. European Physical Journal C, 2016, 76, 1.	3.9	19

#	Article	IF	Citations
343	Measurement of the angular coefficients in Z-boson events using electron and muon pairs from data taken at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33
344	Searches for heavy diboson resonances in pp collisions at s = 13 $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	25
345	Dark matter interpretations of ATLAS searches for the electroweak production of supersymmetric particles in s = 8 $$ sqrt{s}=8 $$ TeV proton-proton collisions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	16
346	Search for the Standard Model Higgs boson decaying into b b Â¯ $$ boverline{b} $$ produced in association with top quarks decaying hadronically in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	21
347	Measurement of the CP-violating phase Ï• s and the B s 0 meson decay width difference with B s 0 â€‰â†'â€‰J/ÏˆÏ• decays in ATLAS. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
348	Search for squarks and gluinos in final states with jets and missing transverse momentum at $$sqrt{s}$$ s =13 $${mathrm{TeV}}$$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 392.	3.9	73
349	Measurement of the double-differential high-mass Drell-Yan cross section in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	38
350	A search for prompt lepton-jets in pp collisions at s = 8 $$ sqrt{mathrm{s}}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	31
351	Search for new phenomena with photon+jet events in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
352	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in protonâ€"lead collisions at $$sqrt{s_{_ext {NN}}} = 5.02$$ s NN = 5.02 ÂTeV with the ATLAS detector. European Physical Journal C, 2016, 76, 199.	3.9	60
353	Measurement of the production cross-section of a single top quark in association with a W boson at 8 TeV with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
354	Search for the production of single vector-like and excited quarks in the Wt final state in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
355	Search for strong gravity in multijet final states produced in pp collisions at s = 13 $$ sqrt{s}=13 $$ TeV using the ATLAS detector at the LHC. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
356	Identification of boosted, hadronically decaying W bosons and comparisons with ATLAS data taken at $$sqrt{s} = 8$$ s = 8 ÂTeV. European Physical Journal C, 2016, 76, 154.	3.9	62
357	Search for new phenomena in events with at least three photons collected in pp collisions at $$sqrt{s}$$ s = 8 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 210.	3.9	95
358	Probing lepton flavour violation via neutrinoless $$varvec{au longrightarrow 3mu }$$ Ï„ âŸ¶ 3 Î¼ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 232.	3.9	19
359	A new method to distinguish hadronically decaying boosted Z bosons from W bosons using the ATLAS detector. European Physical Journal C, 2016, 76, 238.	3.9	9
360	Search for supersymmetry at $$sqrt{s}=13$$ s = 13 ÂTeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. European Physical Journal C, 2016, 76, 259.	3.9	72

#	Article	IF	Citations
361	Search for invisible decays of a Higgs boson using vector-boson fusion in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	49
362	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. Journal of High Energy Physics, 2016, 2016, 1-46.	4.7	13
363	Searches for scalar leptoquarks in pp collisions at $$varvec{sqrt{s}}$$ s = 8ÂTeV with the ATLAS detector. European Physical Journal C, 2016, 76, 5.	3.9	109
364	Measurements of the Higgs boson production and decay rates and coupling strengths using pp collision data at $$sqrt{s}=7$$ s = 7 and 8ÂTeV in the ATLAS experiment. European Physical Journal C, 2016, 76, 6.	3.9	274
365	Measurements of fiducial cross-sections for $$tar{t}$$ t t Â¯ production with one or two additional b-jets in pp collisions at $$sqrt{s}$$ s =8 TeVÂusing the ATLAS detector. European Physical Journal C, 2016, 76, 11.	3.9	54
366	Study of the $$B_c^+ ightarrow J/psi D_s^+$$ B c + â†' J / Ï^ D s + and $$B_c^+ ightarrow J/psi D_s^{*+}$$ B c + â†' J / Ï^ D s â^— + decays with the ATLAS detector. European Physical Journal C, 2016, 76, 4.	3.9	40
367	Search for an additional, heavy Higgs boson in the $$Hightarrow ZZ$$ H â†' Z Z decay channel at $$sqrt{s} = 8;ext{ TeV }$$ s = 8 TeV in $$pp$$ p p collision data with the ATLAS detector. European Physical Journal C, 2016, 76, 45.	3.9	197
368	Search for single top-quark production via flavour-changing neutral currents at 8ÂTeV with the ATLAS detector. European Physical Journal C, 2016, 76, 55.	3.9	43
369	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,mathrm TeV{}) with the ATLAS detector. , 2016, 76, 1.		1
370	Observation and Spin-Parity Determination of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>X</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1835</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (stretchy="false">)</m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo stretchy="false">/</mml:mo><mml:mi>ÏˆÂ¯</mml:mi><mml:mo	7.8	34
371	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi mathvariant="normal">Î›</mml:mi><mml:mi>c</mml:mi><mml:mo>+</mml:mo></mml:msubsup><mml:mo stretchy="false">â†'</mml:mo><mml:mi mathvariant="normal">Î›</mml:mi><mml:msup><mml:mi>e</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msub><mml:mi>Î¼ Physical Review Letters, 2015, 115, 221805.	7.8	71
372	Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	4
373	A search for high-mass resonances decaying to Ï„+Ï„â^' in pp collisions at $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	23
374	Summary of the ATLAS experimentâ€™s sensitivity to supersymmetry after LHC Run 1 â€" interpreted in the phenomenological MSSM. Journal of High Energy Physics, 2015, 2015, 1.	4.7	55
375	Search for lepton-flavour-violating H â†' Î¼Ï„ decays of the Higgs boson with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	52
376	Measurement of four-jet differential cross sections in s = 8 $$ sqrt{s}=8 $$ TeV proton-proton collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-76.	4.7	11
377	A search for t t Â¯ $$ toverline{t} $$ resonances using lepton-plus-jets events in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	66
378	Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at s = 7 $$ sqrt{s}=7 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	28

#	Article	IF	Citations
379	Measurement of charged-particle spectra in Pb+Pb collisions at s N N = 2.76 $$ sqrt{s_{mathrm{NN}}}=2.76 $$ TeV with the ATLAS detector at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	67
380	Analysis of events with b-jets and a pair of leptons of the same charge in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
381	Constraints on new phenomena via Higgs boson couplings and invisible decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	108
382	Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-39.	4.7	78
383	Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at s = 7 $$ sqrt{s}=7 $$ TeV in the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	40
384	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	84
385	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	71
386	Search for new phenomena in events with three or more charged leptons in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	20
387	Summary of the searches for squarks and gluinos using s = 8 $$ sqrt{s}=8 $$ TeV pp collisions with the ATLAS experiment at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
388	Determination of the top-quark pole mass using t t Â¯ $$ toverline{t} $$ + 1-jet events collected with the ATLAS experiment in 7 TeV pp collisions. Journal of High Energy Physics, 2015, 2015, 1.	4.7	25
389	Measurement of the t t Â¯ W $$ toverline{t}W $$ and t t Â¯ Z $$ toverline{t}Z $$ production cross sections in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	22
390	Search for flavour-changing neutral current top quark decays t â†' Hq in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-65.	4.7	19
391	Search for heavy lepton resonances decaying to a Z boson and a lepton in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	36
392	Precision measurement of the integrated luminosity of the data taken by BESIII at center-of-mass energies between 3.810 GeV and 4.600 GeV. Chinese Physics C, 2015, 39, 093001.	3.7	109
393	Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	42
394	Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	116
395	Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at s = 7 $$ sqrt{s}=7 $$ TeV using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	17
396	Search for $$W' ightarrow tb ightarrow qqbb$$ W â€² â†' t b â†' q q b b decays in $$pp$$ p p collisions at $$sqrt{s}$$ s Â=Â8ÂTeV with the ATLAS detector. European Physical Journal C, 2015, 75, 165.	3.9	35

#	Article	IF	Citations
397	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $$sqrt{s}=7mathrm{,TeV}$$ s = 7 TeV. European Physical Journal C, 2015, 75, 158.	3.9	17
398	Search for direct pair production of a chargino and a neutralino decaying to the 125ÂGeV Higgs boson in $$sqrt{varvec{s}} = 8$$ s = 8 ÂTeV $$varvec{pp}$$ p p collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 208.	3.9	67
399	Study of (W/Z)H production and Higgs boson couplings using Hâ†' W W â^— decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	22
400	Search for metastable heavy charged particles with large ionisation energy loss in pp collisions at $$varvec{sqrt{s} = 8}$$ s = 8 ÂTeV using the ATLAS experiment. European Physical Journal C, 2015, 75, 407.	3.9	27
401	Measurement of the production and lepton charge asymmetry of $$W$$ W bosons in Pb+Pb collisions at $$mathbf {sqrt{mathbf {s}_{mathrm {mathbf {NN}}}}=2.76;TeV}$$ s NN = 2.76 TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 23.	3.9	41
402	Study of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>e</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>e</mml:mi><mml:mo>â stretchy="false">â†'</mml:mo><mml:mi>Ï‰</mml:mi><mml:msub><mml:mi>Ï‡</mml:mi><mml:mrow><mml:mi>c</mml:mi><mml:mi Center of Mass Energies from 4.21 to 4.42ÂGeV. Physical Review Letters, 2015, 114, 092003.	7.8	103
403	Jet energy measurement and its systematic uncertainty in protonâ€"proton collisions at $$sqrt{s}=7$$ s = 7 ÂTeV with the ATLAS detector. European Physical Journal C, 2015, 75, 17.	3.9	268
404	Search for invisible particles produced in association with single-top-quarks in protonâ€"proton collisions at $$sqrt{s}=mathrm {8~TeV}$$ s = 8 TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 79.	3.9	30
405	Search for resonant diboson production in the $$mathrm {ell ell }qar{q}$$ â„" â„" q q Â¯ final state in $$pp$$ p p collisions at $$sqrt{s} = 8$$ s = 8 ÂTeV with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	3.9	74
406	Measurements of the $$W$$ W production cross sections in association with jets with the ATLAS detector. European Physical Journal C, 2015, 75, 82.	3.9	92
407	Search for dark matter in events with heavy quarks and missing transverse momentum in $$pp$$ p p collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 92.	3.9	77
408	Measurement of the t t Â¯ $$ toverline{t} $$ production cross-section as a function of jet multiplicity and jet transverse momentum in 7 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
409	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 s = 7 $$ sqrt{s}=7 $$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	27
410	Searches for heavy long-lived charged particles with the ATLAS detector in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
411	Search for the b b Â¯ $$ boverline{b} $$ decay of the Standard Model Higgs boson in associated (W/Z)H production with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	89
412	Measurement of the inclusive jet cross-section in proton-proton collisions at s = 7 $$ sqrt{s}=7 $$ TeV using 4.5 fbâ^'1 of data with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	35
413	Search for anomalous production of prompt same-sign lepton pairs and pair-produced doubly charged Higgs bosons with s = 8 $$ sqrt{s}=8 $$ TeV pp collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
414	Search for charged Higgs bosons decaying via H Â± â†' Ï„ Â± Î½ in fully hadronic final states using pp collision data at s $$ sqrt{s} $$ = 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	69

#	Article	IF	Citations
415	Search for production of $$WW/WZ$$ W W / W Z resonances decaying to a lepton, neutrino and jets in $$pp$$ p p collisions at $$sqrt{s}=8$$ s = 8 ÂTeV with the ATLAS detector. European Physical Journal C, 2015, 75, 209.	3.9	79
416	Performance of the ATLAS muon trigger in pp collisions at $$sqrt{s}=8$$ s = 8 TeV. European Physical Journal C, 2015, 75, 120.	3.9	62
417	Search for Higgs boson pair production in the $$bar{b}bar{b}$$ b b Â¯ b b Â¯ final state from pp collisions at $$sqrt{s} = 8$$ s = 8 TeVwith the ATLAS detector. European Physical Journal C, 2015, 75, 412.	3.9	90
418	Determination of spin and parity of the Higgs boson in the $$WW^*ightarrow e u mu u $$ W W âˆ— â†' e Î½ Î¼ Î½ decay channel with the ATLAS detector. European Physical Journal C, 2015, 75, 231.	3.9	21
419	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $$sqrt{s}=8~$$ s = 8 TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 299.	3.9	238
420	Search for a new resonance decaying to a W or Z boson and a Higgs boson in the $$ell ell / ell u / u u + b ar{b}$$ â„“ â„“ / â„“ â„“ Î½ / Î½ Î½ + b b Â¯ final states with the ATLAS detector. European Physical Journal C, 2015, 75, 263.	3.9	60
421	Measurement of three-jet production cross-sections in $$pp$$ p p collisions at 7Â $$mathrm { Te,V}$$ Te V centre-of-mass energy using the ATLAS detector. European Physical Journal C, 2015, 75, 228.	3.9	23
422	Constraints on the off-shell Higgs boson signal strength in the high-mass ZZ and WW final states with the ATLAS detector. European Physical Journal C, 2015, 75, 335.	3.9	95
423	Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at $$sqrt{s}=8$$ s = 8 $$,hbox {TeV}$$ TeV. European Physical Journal C, 2015, 75, 303.	3.9	70
424	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. European Physical Journal C, 2015, 75, 476.	3.9	174
425	Observation and measurements of the production of prompt and non-prompt $$varvec{ext {J}uppsi }$$ J Ï^ mesons in association with a $$varvec{Z}$$ Z boson in $$varvec{pp}$$ p p collisions at $$varvec{sqrt{s}= 8,ext {TeV}}$$ s = 8 TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 229.	3.9	64
426	Search for the Standard Model Higgs boson produced in association with top quarks and decaying into $$varvec{bar{b}}$$ b b Â¯ in $$varvec{pp}$$ p p collisions at $$sqrt{mathbf{s}}= varvec{8{{,mathrm TeV}}}$$ s = 8 T e V with the ATLAS detector. European Physical Journal C, 2015, 75, 349.	3.9	123
427	Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $$sqrt{s}=8$$ s = 8 ÂTeV pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 318.	3.9	56
428	Search for heavy long-lived multi-charged particles in pp collisions at $$sqrt{s}=8$$ s = 8 ÂTeV using the ATLAS detector. European Physical Journal C, 2015, 75, 362.	3.9	36
429	Two-particle Boseâ€"Einstein correlations in pp collisions at $$mathbf {sqrt{s} =}$$ s = 0.9 and 7 TeV measured with the ATLAS detector. European Physical Journal C, 2015, 75, 466.	3.9	42
430	Measurement of the top quark mass in the $$tar{t}ightarrow ext{ lepton+jets } $$ t t Â¯ â†' lepton+jets and $$tar{t}ightarrow ext{ dilepton } $$ t t Â¯ â†' dilepton channels using $$sqrt{s}=7$$ s = 7 Â $${mathrm { TeV}}$$ TeV ATLAS data. European Physical Journal C, 2015, 75, 330.	3.9	52
431	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. European Physical Journal C, 2015, 75, 510.	3.9	138
432	Measurement of the inclusive jet cross-section in proton-proton collisions at (sqrt{s}=7) TeV using 4.5 fbâ^'1 of data with the ATLAS detector. , 2015, 2015, 1.		3

#	Article	IF	Citations
433	Search for production of (WW/WZ) resonances decaying to a lepton, neutrino and jets in (pp) collisions at (sqrt{s}=8) TeV with the ATLAS detector. , 2015, 75, 1.		1
434	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at (sqrt{s}=8~)TeV with the ATLAS detector. , 2015, 75, 1.		2
435	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. , 2015, 75, 1.		3
436	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. , 2015, 75, 1.		3
437	Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	82
438	Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC protonâ€“proton collision data. European Physical Journal C, 2014, 74, 3130.	3.9	213
439	Measurements of jet vetoes and azimuthal decorrelations in dijet events produced in $$pp$$ p p collisions at $$sqrt{s}=7,mathrm{TeV}$$ s = 7 TeV using the ATLAS detector. European Physical Journal C, 2014, 74, 3117.	3.9	40
440	A measurement of the ratio of the production cross sections for $$W$$ W and $$Z$$ Z bosons in association with jets with the ATLAS detector. European Physical Journal C, 2014, 74, 3168.	3.9	23
441	Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at s = 8 $$ sqrt{s}=8 $$ TeV with ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	45
442	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fbâˆ’1 of s $$ sqrt{s} $$ = 8 TeV proton-proton collision data with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	12
443	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using s = 8 $$ sqrt{s}=8 $$ TeV proton-proton collision data. Journal of High Energy Physics, 2014, 2014, 1.	4.7	128
444	Measurement of the $$toverline{t}$$ t t Â¯ production cross-section using $$emu $$ e Î¼ events with $$b$$ b -tagged jets in $$pp$$ p p collisions at $$sqrt{s}=7$$ s = 7 and 8ÂTeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3109.	3.9	143
445	Measurement of the $$toverline{t}$$ t t Â¯ production cross-section using $$emu $$ e Î¼ events with $$b$$ b -tagged jets in $$pp$$ p p collisions at $$sqrt{s}=7$$ s = 7 and 8ÂTeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3109. Fine structure in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>e</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>e</mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:mo		

#	Article	IF	Citations
451	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in $$pp$$ p p collisions at $$sqrt{s}=7$$ s = 7 TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3195.	3.9	46
452	Search for direct pair production of the top squark in all-hadronic final states in proton-proton collisions at s $$ sqrt{s} $$ = 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	41
453	Measurement of the production cross-section of Ï^(2S) â†' J/Î^(â†'Î¼ + Î¼ â^')Ï€ + Ï€ â^' in pp collisions at s $$ sqrt{s}$$ = 7 TeV at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	21
454	Measurement of the Z/Î³ * boson transverse momentum distribution in pp collisions at s = 7 $$ sqrt{s}=7 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	131
455	Search for strong production of supersymmetric particles in final states with missing transverse momentum and at least three b-jets at s = 8 $$ sqrt{s} = 8 $$ TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	38
456	Measurement of differential production cross-sections for a Z boson in association with b-jets in 7 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	45
457	Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	47
458	Search for pair and single production of new heavy quarks that decay to a Z boson and a third-generation quark in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
459	Measurement of the top quark pair production charge asymmetry in proton-proton collisions at $ sqrt{s} $ = 7 TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	42
460	Observation of a Charged<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mi>D</mml:mi><mml:msup><mml:mrow><mml:mover) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	7.8	252
461	Search for the direct production of charginos, neutralinos and staus in final states with at least two hadronically decaying taus and missing transverse momentum in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	40
462	The differential production cross section of the $$phi $$ Ï• (1020) meson in $$sqrt{s}$$ s = 7ÂTeV $$pp$$ p p collisions measured with the ATLAS detector. European Physical Journal C, 2014, 74, 2895.	3.9	13
463	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC protonâ€"proton collision data. European Physical Journal C, 2014, 74, 2941.	3.9	204
464	Measurement of the underlying event in jet events from 7Â $$ext {TeV}$$ TeV protonâ€"proton collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 1.	3.9	23
465	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in leadâ€"lead collisions at $$sqrt{s_{mathrm {NN}}}=2.76$$ s NN = 2.76 ÂTeVÂwith the ATLAS detector. European Physical Journal C, 2014, 74, 2982.	3.9	22
466	Light-quark and gluon jet discrimination in $$pp$$ p p collisions at $$sqrt{s}=7mathrm { TeV}$$ s = 7 TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3023.	3.9	77
467	Measurement of the electroweak production of dijets in association with a Z-boson and distributions sensitive to vector boson fusion in proton-proton collisions at $ sqrt{s} $ = 8 TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	22
468	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $ sqrt{s} $ = 8 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	88

#	Article	IF	Citations
469	Measurement of the production cross section of prompt J/Î¨ mesons in association with a W Â± boson in pp collisions at $ sqrt{s} $ = 7 TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
470	Measurement of dijet cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	36
471	Measurement of the production of a W boson in association with a charm quark in pp collisions at $ sqrt{s} $ = 7 TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	59
472	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} $ = 8TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	145
473	Search for supersymmetry at $sqrt{s}$ = 8 TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	45
474	Measurement of the low-mass Drell-Yan differential cross section at s $$ sqrt{s} $$ = 7 TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
475	Search for direct top-squark pair production in final states with two leptons in pp collisions at $ sqrt{s} $ = 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	59
476	Measurement of Ï‡ c1 and Ï‡ c2 production with s $$ sqrt{s} $$ = 7 TeV pp collisions at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	32
477	Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at s $$ sqrt{s} $$ = 8 TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	10
478	Search for new particles in events with one lepton and missing transverse momentum in pp collisions at s $$ sqrt{s} $$ = 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	45
479	Search for direct top squark pair production in events with a $$Z$$ Z boson, $$b$$ b -jets and missing transverse momentum in $$sqrt{s}=8$$ s = 8 TeV $$pp$$ p p collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 2883.	3.9	55
480	Measurement of the (toverline{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. , 2014, 74, 1.		2
481	Measurement of the production cross section of jets in association with a Z boson in pp collisions at $ sqrt{s}=7 $ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	73
482	Measurement of the cross-section for W boson production in association with b-jets in pp collisions at $ sqrt{s}=7 $ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	53
483	Search for third generation scalar leptoquarks in pp collisions at $ sqrt{s}=7 $ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	32
484	Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	137
485	Measurement of ZZ production in pp collisions at $ sqrt{s}=7 $ TeV and limits on anomalous ZZZ and ZZÎ³ couplings with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	61
486	Search for charged Higgs bosons through the violation of lepton universality in $ toverline{t} $ events using pp collision data at $ sqrt{s}=7 $ TeV with the ATLAS experiment. Journal of High Energy Physics, 2013, 2013, 1.	4.7	19

#	Article	IF	Citations
487	Search for the neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $ sqrt{s}=7 $ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	52
488	Measurement of k T splitting scales in Wâ†'â„"Î½ events at $sqrt{s} = 7 mathrm{TeV}$ with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	3.9	19
489	Search for a light charged Higgs boson in the decay channel $H^{+} ightarrow car{s}$ in $tar{t}$ events using pp collisions at $sqrt{s} = 7 mathrm{TeV}$ with the ATLAS detector. European Physical Journal C, 2013, 73, 2518.	3.9	119
490	Observation of a Charged Charmonium-like Structure in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>e</mml:mi><mml:mo mathvariant="bold">+</mml:mo></mml:msup><mml:msup><mml:mi>e</mml:mi><mml:mo mathvariant="bold">â^'</mml:mo></mml:msup><mml:mo>â†'</mml:mo><mml:msup><mml:mi>Ï€</mml:mi><mml:mo mathvariant="bold">+</mml:mo></mml:msup><mml:msup><mml:mi>Ï€</mml:mi><mml:mo	7.8	740
491	Search for direct third-generation squark pair production in final states with missing transverse momentum and two b-jets in $ sqrt{s}=8 $ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	102
492	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. Journal of High Energy Physics, 2013, 2013, 1.	4.7	71
493	Measurement of the differential cross-section of B + meson production in pp collisions at $ sqrt{s}=7 $ TeV at ATLAS. Journal of High Energy Physics, 2013, 2013, 1.	4.7	31
494	Performance of jet substructure techniques for large-R jets in proton-proton collisions at $ sqrt{s}=7 $ TeV using the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	52
495	Improved luminosity determination in pp collisions at $sqrt {s} = 7 mathrm{TeV}$ using the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2518.	3.9	362
496	Measurement of the inclusive jet cross-section in pp collisions at $sqrt{s}=2.76 mbox{TeV}$ and comparison to the inclusive jet cross-section at $sqrt{s} =7 mbox{TeV}$ using the ATLAS detector. European Physical Journal C, 2013, 73, 2509.	3.9	105
497	Multi-channel search for squarks and gluinos in $sqrt{s}=7mbox{ TeV}$ pp collisions with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2362.	3.9	34
498			

#	Article	IF	Citations
505	Search for resonances decaying into top-quark pairs using fully hadronic decays in pp collisions with ATLAS at $ sqrt{s}=7 $ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	59
506	Search for direct chargino production in anomaly-mediated supersymmetry breaking models based on a disappearing-track signature in pp collisions at $ sqrt{s}=7;mathrm{TeV} $ with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	15
507	Measurements of top quark pair relative differential cross-sections with ATLAS in pp collisions at $sqrt{s} = 7 mbox{TeV}$. European Physical Journal C, 2013, 73, 1.	3.9	61
508	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in protonâ€“proton collisions at $sqrt{s} = 7 mbox{TeV}$. European Physical Journal C, 2013, 73, 1.	3.9	45
509	Measurement of the flavour composition of dijet events in pp collisions at $sqrt{s}=7 mbox{TeV}$ with the ATLAS detector. European Physical Journal C, 2013, 73, 1.	3.9	15
510	Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 1.	3.9	45
511	Jet energy resolution in proton-proton collisions at $sqrt{mathrm{s}}=7mbox{ TeV}$ recorded in 2010 with the ATLAS detector. European Physical Journal C, 2013, 73, 2306.	3.9	209
512	Measurement of the $tar{t}$ production cross section in the tau + jets channel using the ATLAS detector. European Physical Journal C, 2013, 73, 2328.	3.9	45
513	Search forWHproduction with a light Higgs boson decaying to prompt electron-jets in protonâ€“proton collisions at $sqrt {s}=7$ TeV with the ATLAS detector. New Journal of Physics, 2013, 15, 043009.	2.9	15
514	Determination of the number of Ïˆâ€² events at BESIII. Chinese Physics C, 2013, 37, 063001.	3.7	42
515	Search for hadronic transition<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ï‡</mml:mi><mml:mrow><mml:mi>c</mml:mi><mml:mi>J</mml:mi></mml:mrow></mml:msub observation of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ï‡<. Physical Review D, 2013, 87, .	4.7	118
516	Measurement of the integrated luminosities of the data taken by BESIII at âˆš s = 3.650 and 3.773 GeV. Chinese Physics C, 2013, 37, 123001.	3.7	112
517	Study of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ïˆ</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>3686</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262 Td (stretchy="al xmlns:mml="http://www.w3.org/1998/Math/MathML"	4.7	44
518	Observation of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>e</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>e</mml:mi><mml:mo>â center-of-mass energy<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>4.009</mml:mn><mml:mtext>â€% Physical Review D, 2012, 86, .	4.7	38
519	Observation of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Ïˆ</mml:mi><mml:mo>â€²</mml:mo></mml:msup></mml:math>decays to<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>K</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>K</mml:mi><mml:mo xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:ms. Physical Review D, 2012, 86,	4.7	5
520	Measurement of the cross section for top-quark pair production in pp collisions at $sqrt {s} = {7},{ext{TeV}}$ with the ATLAS detector using final states with two high-p T leptons. Journal of High Energy Physics, 2012, 2012, 1.	4.7	45
521	Jet mass and substructure of inclusive jets in $ sqrt {s} = 7;{ext{TeV}} $ pp collisions with the ATLAS experiment. Journal of High Energy Physics, 2012, 2012, 1.	4.7	88
522	Measurement of inclusive two-particle angular correlations in pp collisions with the ATLAS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	12

#	Article	IF	Citations
523	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in 4.7 fbâˆ’1 of $ sqrt {s} = 7;TeV $ proton-proton collisions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	53
524	A search for $ toverline t $ resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $ sqrt {s} = 7 $ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	40
525	Search for the Standard Model Higgs boson in the Hâ€‰â†’â€‰Ï„+ Ï„- â†’ decay mode in $ sqrt {s} = 7,{mathrm{TeV}} $ pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	43
526	A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at $ sqrt{s}=7;TeV $. Journal of High Energy Physics, 2012, 2012, 1.	4.7	34
527	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $ sqrt{s}=7 $ TeV with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	15
528	Search for a heavy top-quark partner in final states with two leptons with the ATLAS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	54
529	Search for high-mass resonances decaying to dilepton final states in pp collisions at $ sqrt{s}=7 $ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	54
530	Search for anomalous production of prompt like-sign lepton pairs at $ sqrt{s}=7;mathrm{TeV} $ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	17
531	Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $ sqrt{s}=7;mathrm{TeV} $ pp collisions at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	48
532	Search for R-parity-violating supersymmetry in events with four or more leptons in $ sqrt{s}=7;mathrm{TeV} $ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	13
533	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. European Physical Journal C, 2012, 72, 1.	3.9	248
534	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $sqrt{s} = 7 mbox{~TeV}$. European Physical Journal C, 2012, 72, 1.	3.9	100
535	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at $sqrt{s} = 7~mathrm{TeV}$. European Physical Journal C, 2012, 72, 1.	3.9	13
536	Measurement of $tar{t}$ production with a veto on additional central jet activity in pp collisions at $sqrt{s}=7$ TeV using the ATLAS detector. European Physical Journal C, 2012, 72, 2043.	3.9	109
537	A search for $tar{t}$ resonances with the ATLAS detector in 2.05 fbâˆ’1 of proton-proton collisions at $sqrt{s} = 7~mathrm{TeV}$. European Physical Journal C, 2012, 72, 2083.	3.9	25
538	Search for second generation scalar leptoquarks in pp collisions at $sqrt{s}=7~mbox{TeV}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	37
539	Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	16
540	Measurement of W Â± Z production in proton-proton collisions at $sqrt{s}=7~mbox{TeV}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	59

#	Article	IF	Citations
541	Search for top and bottom squarks from gluino pair production in final states with missing transverse energy and at least three b-jets with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	25
542	Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at $sqrt{mathbf{s}}=7 mathrm{TeV}$. European Physical Journal C, 2012, 72, 1.	3.9	22
543	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	13
544	Search for light scalar top-quark pair production in final states with two leptons with the ATLAS detector in $sqrt{s}=7 mathrm{TeV}$ protonâ€“proton collisions. European Physical Journal C, 2012, 72, 1.	3.9	31
545	ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at $sqrt{s} = 7 mathrm{TeV}$. European Physical Journal C, 2012, 72, 1.	3.9	36
546			

#	Article	IF	Citations
559	Search for heavy neutrinos and right-handed W bosons in events with two leptons and jets in pp collisions at $sqrt{s} = 7~mathrm{TeV}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 2056.	3.9	101
560	Measurement of Ï„ polarization in Wâ†'Ï„Î½ decays with the ATLAS detector in pp collisions at $sqrt{s} =7~mathrm{TeV}$. European Physical Journal C, 2012, 72, 2062.	3.9	21
561	Measurement of inclusive jet and dijet cross sections inÂproton-proton collisions at 7ÂTeV centre-of-mass energy withÂtheÂATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	114
562	Measurement of the top quark-pair production cross section withÂATLAS in pp collisions at $sqrt{s}=7$ ÂTeV. European Physical Journal C, 2011, 71, 1.	3.9	146
563	Studies of the performance of the ATLAS detector using cosmic-ray muons. European Physical Journal C, 2011, 71, 1.	3.9	17
564	Luminosity determination in pp collisions at $sqrt{s} = 7$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	179
565	Measurements of underlying-event properties using neutral and charged particles in pp collisions at $sqrt{s}=900$ GeV and $sqrt{s}=7$ TeV with the ATLAS detector at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	31
566	Search for an excess of events with an identical flavour lepton pair and significant missing transverse momentum in $sqrt{s}=7$ TeV protonâ€"proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	18
567	Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $sqrt{s}=7~mbox{TeV}$ protonâ€"proton collisions with the ATLAS experiment. European Physical Journal C, 2011, 71, 1.	3.9	41
568	Limits on the production of the standard model Higgs boson in pp collisions at $sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	40
569	Search for diphoton events with large missing transverse energy with 36 pbâˆ'1 of 7 TeV protonâ€"proton collision data with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	15
570	Measurement of multi-jet cross sections in protonâ€"proton collisions at a 7 TeV center-of-mass energy. European Physical Journal C, 2011, 71, 1.	3.9	60
571	Measurement of the jet fragmentation function and transverse profile in protonâ€"proton collisions at a center-of-mass energy of 7 TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	56
572	Search for a heavy neutral particle decaying into an electron and a muon using 1 fbâˆ'1 of ATLAS data. European Physical Journal C, 2011, 71, 1.	3.9	14
573	Search for massive colored scalars in four-jet final states in $sqrt{s}=7~mbox{TeV}$ protonâ€"proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	39
574	Measurement of the inclusive and dijet cross-sections of b-jets in pp collisions at $sqrt{s}=7mbox{~TeV}$ with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	73
575	Measurement of WÎ³ and ZÎ³ production in proton-proton collisions at $ sqrt {s} = 7 $ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	4.7	11
576	Inclusive search for same-sign dilepton signatures in pp collisions at $ sqrt {s} = 7 $ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	4.7	33

#	Article	IF	Citations
577	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $sqrt {s}$ = 7 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	4.7	65
578	Combined performance studies for electrons at the 2004 ATLAS combined test-beam. Journal of Instrumentation, 2010, 5, P11006-P11006.	1.2	10
579	The fourth Standard Model family and the competition inÂStandard Model Higgs boson search atÂTevatron and LHC. European Physical Journal C, 2010, 66, 119-126.	3.9	14
580	Readiness of the ATLAS liquid argon calorimeter forÂLHCÂcollisions. European Physical Journal C, 2010, 70, 723-753.	3.9	61
581	The ATLAS Inner Detector commissioning and calibration. European Physical Journal C, 2010, 70, 787-821.	3.9	95
582	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. European Physical Journal C, 2010, 70, 755-785.	3.9	51
583	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	3.9	1,187
584	Readiness of the ATLAS Tile Calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 1193-1236.	3.9	121
585	Performance of the ATLAS detector using first collision data. Journal of High Energy Physics, 2010, 2010, 1.	4.7	18
586	Measurement of the W â†' â„“Î½ and Z/Î³ * â†' â„“â„“ production cross sections in proton-proton collisions at $ sqrt {s} = 7;{ext{TeV}} $ with the ATLAS detector. Journal of High Energy Physics, 2010, 2010, 1.	4.7	64
587	Study of energy response and resolution of the ATLAS barrel calorimeter to hadrons of energies from 20 to 350 GeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 621, 134-150.	1.6	34
588	Study of the response of the ATLAS central calorimeter to pions of energies from 3 to 9GeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 607, 372-386.	1.6	10
589	The ATLAS TRT Barrel Detector. Journal of Instrumentation, 2008, 3, P02014-P02014.	1.2	30
590	Combined performance tests before installation of the ATLAS Semiconductor and Transition Radiation Tracking Detectors. Journal of Instrumentation, 2008, 3, P08003-P08003.	1.2	42
591	The ATLAS TRT end-cap detectors. Journal of Instrumentation, 2008, 3, P10003-P10003.	1.2	27
592	The ATLAS Transition Radiation Tracker (TRT) proportional drift tube: design and performance. Journal of Instrumentation, 2008, 3, P02013-P02013.	1.2	25
593	Acceptance tests and criteria of the ATLAS transition radiation tracker. IEEE Transactions on Nuclear Science, 2005, 52, 2911-2916.	2.0	3
594	Fourth generation pseudoscalar quarkonium production and observability at hadron colliders. Physical Review D, 2002, 66, .	4.7	10

#	Article	IF	Citations
595	Consequences of the extra SM families on the Higgs boson production at Fermilab Tevatron and CERN LHC. Physical Review D, 2002, 66, .	4.7	23
596	With four standard model families, the LHC could discover the Higgs boson with a few fb-1. European Physical Journal C, 2002, 26, 9-11.	3.9	15
597	Muon lifetime measurement. AIP Conference Proceedings, 2000, , .	0.4	0
598	Aging Effects in the ATLAS Transition Radiation Tracker and Gas Filtration Studies. , 0, , .		2