

Valerio Vercesi

List of Publications by Year in descending order

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Version: 2024-02-01

612
papers

31,662
citations

4658

85
h-index

11052

137
g-index

637
all docs

637
docs citations

637
times ranked

10653
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiobiological damage by space radiation: extension of the BIANCA model to heavy ions up to iron, and pilot application to cosmic ray exposure. Journal of Radiological Protection, 2022, 42, 021523.	1.1	2
2	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
3	A Novel Approach to Design and Evaluate BNCT Neutron Beams Combining Physical, Radiobiological, and Dosimetric Figures of Merit. Biology, 2021, 10, 174.	2.8	11
4	Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fb ⁻¹ of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	37
5	Differential cross-section measurements for the electroweak production of dijets in association with a Z boson in proton-proton collisions at ATLAS. European Physical Journal C, 2021, 81, 1.	3.9	12
6	Measurements of WH and ZH production in the $H \rightarrow b\bar{b}$ decay channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	38
7	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
8	Search for type-III seesaw heavy leptons in dilepton final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	17
9	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb ⁻¹ of Pb+Pb data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	19
10	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
11	Search for new phenomena in events with two opposite-charge leptons, jets and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	22
12	Search for pair production of scalar leptoquarks decaying into first- or second-generation leptons and top quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	18
13	Optimisation of large-radius jet reconstruction for the ATLAS detector in 13 TeV proton-proton collisions. European Physical Journal C, 2021, 81, 1.	3.9	15
14	Search for heavy resonances decaying into a pair of Z bosons in the $e^+e^- \rightarrow e^+e^- Z Z$ and $e^+e^- \rightarrow e^+e^- Z \nu \bar{\nu}$ final states using 139 fb ⁻¹ of proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	40
15	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $e^+e^- \rightarrow e^+e^- H H$ and $e^+e^- \rightarrow e^+e^- H W W$ final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	26
16	Search for charged Higgs bosons decaying into a top quark and a bottom quark at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	46
17	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a τ -lepton in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	27
18	Search for supersymmetry in events with four or more charged leptons in 139 fb ⁻¹ of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12

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19	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
20	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
21	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
22	Measurement of single top-quark production in association with a W boson in the single-lepton channel at $\sqrt{s} = 8, \sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	3
23	Jet energy scale and resolution measured in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	64
24	Measurements of the inclusive and differential production cross sections of a top-quark-antiquark pair in association with a Z boson at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	12
25	Search for dark matter produced in association with a single top quark in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	9
26	Measurements of top-quark pair single- and double-differential cross-sections in the all-hadronic channel in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
27	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
28	Healthy Tissue Damage Following Cancer Ion Therapy: A Radiobiological Database Predicting Lymphocyte Chromosome Aberrations Based on the BIANCA Biophysical Model. International Journal of Molecular Sciences, 2021, 22, 10877.	4.1	4
29	Measurements of inclusive and differential cross-sections of combined γ and $t\bar{t}$ production in the $e\bar{\nu}_e$ channel at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	3
30	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
31	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
32	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the 4ℓ decay channel at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	32
33	Fluctuations of anisotropic flow in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	28
34	Search for direct production of electroweakinos in final states with one lepton, missing transverse momentum and a Higgs boson decaying into two b-jets in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	34
35	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
36	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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37	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
38	Search for the $HH \rightarrow b\bar{b}$ 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
39	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
40	Measurement of the transverse momentum distribution of Drell-Yan lepton pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	28
41	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
42	Measurements of top-quark pair spin correlations in the e^+e^- channel at $\sqrt{s} = 13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	22
43	Higgs boson production cross-section measurements and their EFT interpretation in the 4ℓ decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	41
44	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
45	Design of a BNCT irradiation room based on proton accelerator and beryllium target. Applied Radiation and Isotopes, 2020, 165, 109314.	1.5	5
46	Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fb ⁻¹ of data collected with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	19
47	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
48	Measurement of the $Z(\tau^+\tau^-\nu\bar{\nu})$ 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
49	Measurement of long-range two-particle azimuthal correlations in Z-boson tagged pp collisions at $\sqrt{s} = 8$ and 13 TeV. European Physical Journal C, 2020, 80, 1.	3.9	5
50	Transverse momentum and process dependent azimuthal anisotropies in $\sqrt{s} = 8.16$ TeV p+Pb collisions with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	12
51	Measurement of J/ψ production in association with a W^{\pm} boson with pp data at 8 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	10
52	Search for new resonances in mass distributions of jet pairs using 139 fb ⁻¹ of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	68
53	Search for τ 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
54	Reconstruction and identification of boosted di- τ 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

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55	Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1.	3.9	93
56	Search for electroweak production of charginos and sleptons decaying into final states with two leptons and missing transverse momentum in $\sqrt{s}=13\text{ TeV}$ pp collisions using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	124
57	Search for top squarks in events with a Higgs or Z boson using 139 fb^{-1} of pp collision data at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	4
58	Evidence for $\text{Star}\{t\}\text{tar}\{t\}$ production in the multilepton final state in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	30
59	Search for heavy diboson resonances in semileptonic final states in pp collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	29
60	Search for light long-lived neutral particles produced in pp collisions at $\sqrt{s} = 13\text{ TeV}$ and decaying into collimated leptons or light hadrons with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	21
61	Search for a scalar partner of the top quark in the all-hadronic $\text{Star}\{t\}\text{tar}\{t\}$ plus missing transverse momentum final state at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	36
62	Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1.	3.9	12
63	Determination of jet calibration and energy resolution in proton-proton collisions at $\sqrt{s} = 8\text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	15
64	Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s} = 13\text{ TeV}$ pp collision data collected by the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	49
65	Search for long-lived neutral particles in pp collisions at $\sqrt{s} = 13\text{ TeV}$ that decay into displaced hadronic jets in the ATLAS calorimeter. European Physical Journal C, 2019, 79, 1.	3.9	28
66	Search for Higgs boson pair production in the $WW^{(*)}WW^{(*)}$ decay channel using ATLAS data recorded at $\sqrt{s} = 13\text{ TeV}$. Journal of High Energy Physics, 2019, 2019, 1.	4.7	21
67	Search for large missing transverse momentum in association with one top-quark in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	8
68	Measurement of $W^{\pm}Z$ production cross sections and gauge boson polarisation in pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	41
69	Searches for third-generation scalar leptoquarks in $\sqrt{s} = 13\text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	30
70	Search for scalar resonances decaying into $\tau\tau$ in events with and without b-tagged jets produced in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	15
71	Search for diboson resonances in hadronic final states in 139 fb^{-1} of pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	20
72	Search for excited electrons singly produced in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS experiment at the LHC. European Physical Journal C, 2019, 79, .	3.9	4

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73	Identification of boosted Higgs bosons decaying into b-quark pairs with the ATLAS detector at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, .	3.9	21
74	Measurement of the cross-section and charge asymmetry of W bosons produced in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	24
75	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
76	Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC proton-proton collision data at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	77
77	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
78	Searches for scalar leptoquarks and differential cross-section measurements in dilepton-dijet events in proton-proton collisions at a centre-of-mass energy of $\sqrt{s} = 13$ TeV with the ATLAS experiment. European Physical Journal C, 2019, 79, 1.	3.9	22
79	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
80	Search for top-quark decays $t \rightarrow Hq$ with 36 fb^{-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
81	Measurement of VH , $V \rightarrow b\bar{b}$ 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
82	Measurements of W and Z boson production in pp collisions at $\sqrt{s} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	17
83	Performance of top-quark and W-boson tagging with ATLAS in Run 2 of the LHC. European Physical Journal C, 2019, 79, 1.	3.9	42
84	Measurements of inclusive and differential fiducial cross-sections of $t\bar{t}\gamma$ production in leptonic final states at $\sqrt{s} = 13$ TeV in ATLAS. European Physical Journal C, 2019, 79, 1.	3.9	14
85	Electron and photon energy calibration with the ATLAS detector using 2015-2016 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P03017-P03017.	1.2	37
86	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
87	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
88	In situ calibration of large-radius jet energy and mass in 13 TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	28
89	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
90	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

#	ARTICLE	IF	CITATIONS
91	Measurement of the top quark mass in the $t \rightarrow t \tilde{\chi}^0$. European Physical Journal C, 2019, 79, 1.	3.9	47
92	Search for pair production of Higgs bosons in the $b\bar{b}$ 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
93	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
94	Measurement of the top-quark mass in $t + 1$ -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
95	Measurement of fiducial and differential W^+W^- production cross-sections at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	24
96	Measurement of ZZ production in the $\tilde{\chi}^0\tilde{\chi}^0$ 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
97	Measurement of W^{\pm} -boson and Z-boson production cross-sections in pp collisions at $\sqrt{s}=2.76$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	8
98	Measurement of the inclusive cross-section for the production of jets in association with a Z boson in proton-proton collisions at 8 TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	9
99	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
100	Measurement of W^{\pm} boson production in Pb+Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	17
101	ATLAS b-jet identification performance and efficiency measurement with $t\bar{t}$ events in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	130
102	Measurement of flow harmonics correlations with mean transverse momentum in lead-lead and proton-lead collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	36
103	Measurements of top-quark pair differential and double-differential cross-sections in the $t\bar{t} + \text{jets}$ channel with pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	34
104	Search for bottom-quark 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
105	Measurement of the inclusive isolated-photon cross section in pp collisions at $\sqrt{s} = 13$ TeV using 36 fb ⁻¹ of ATLAS data. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
106	Measurement of K_S^0 and Λ^0 production in $t\bar{t}$ dileptonic events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	4
107	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fb ⁻¹ of pp collisions at $s = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	116
108	Measurement of the cross-section for producing a W boson in association with a single top quark in pp collisions at $s = 13$ TeV with ATLAS. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17

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127	Angular analysis of $B_0 \rightarrow \bar{D}^* \bar{K}^* \mu^+ \mu^-$ decays in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	76
128	Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in 36 fb^{-1} of pp collisions at. European Physical Journal C, 2018, 78, 401.	3.9	50
129	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
130	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
131	Search for Higgs boson pair production in the $\gamma\gamma$ final state with 13 TeV pp collision data collected by the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	4.7	38
132	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
133	Measurement of the azimuthal anisotropy of charged particles produced in $\sqrt{s_{NN}} = 5.02$ TeV Pb+Pb collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 997.	3.9	51
134	Performance of missing transverse momentum reconstruction with the ATLAS detector using proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 903.	3.9	181
135	Search for electroweak production of supersymmetric particles in final states with two or three leptons at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 995.	3.9	125
136	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
137	Operation and performance of the ATLAS Tile Calorimeter in Run 1. European Physical Journal C, 2018, 78, 987.	3.9	25
138	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
139	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
140	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 fb^{-1} of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	48
141	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
142	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
143	Search for charged Higgs bosons decaying via $H^{\pm} \rightarrow \tilde{\nu}_\tau \tilde{\nu}_\tau^*$, in the $\tilde{\nu}_\tau$, +jets and $\tilde{\nu}_\tau$, +lepton final states with 36 fb^{-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
144	Prompt and non-prompt J/ψ and $\psi(2S)$ suppression at high transverse momentum in 5.02 TeV Pb+Pb collisions with the ATLAS experiment. European Physical Journal C, 2018, 78, 762.	3.9	61

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145	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
146	Search for exclusive Higgs and Z boson decays to $\tilde{\chi}_1^0\tilde{\chi}_1^0$ and $\tilde{\chi}_1^0\tilde{\chi}_2^0$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	16
147	Measurements of b-jet tagging efficiency with the ATLAS detector using \overline{t} events at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
148	Search for flavour-changing neutral current top-quark decays $t \rightarrow qZ$ in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
149	Measurement of the inclusive and fiducial $\sigma(t\bar{t})$ production cross-sections in the. European Physical Journal C, 2018, 78, 487.	3.9	10
150	Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 565.	3.9	79
151	Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 625.	3.9	27
152	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
153	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
154	Search for dark matter produced in association with bottom or top quarks in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 18.	3.9	60
155	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 199.	3.9	132
156	Measurement of σ_{pol} , polarisation in $Z/\gamma \rightarrow \mu\mu$. European Physical Journal C, 2018, 78, 163.	3.9	7
157	Searches for heavy ZZ and ZW resonances in the $\mu\mu$, $\mu\tau$, $\tau\tau$ and $\tau\tau/2\tau\tau$ 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
158	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
159	Measurement of differential cross sections and W^+/\overline{W}^+ 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
160	Measurement of the $\sigma(\overline{t}Z)$ and $\sigma(\overline{t}W)$ production cross sections in multilepton final states using 3.2 fb ⁻¹ of pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 40.	3.9	41
161	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
162	Measurement of the inclusive cross-sections of single top-quark and top-antiquark t-channel production in pp collisions at $s = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29

#	ARTICLE	IF	CITATIONS
163	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 $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 220.	3.9	11
164	Measurement of the W boson polarisation in $t\bar{t}$ events from pp collisions at $\sqrt{s}=8$ TeV in the lepton+Ajets channel with ATLAS. European Physical Journal C, 2017, 77, 264.	3.9	37
165	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. European Physical Journal C, 2017, 77, 195.	3.9	87
166	Measurements of top-quark pair differential cross-sections in the $e\bar{e}\gamma$ channel in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2017, 77, 292.	3.9	27
167	Performance of algorithms that reconstruct missing transverse momentum in $\sqrt{s}=8$ TeV proton-proton collisions in the ATLAS detector. European Physical Journal C, 2017, 77, 241.	3.9	61
168	Measurement of the prompt J/ψ pair production cross-section in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 76.	3.9	81
169	Search for triboson $W^+W^-W^0$ production in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 141.	3.9	25
170	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490.	3.9	325
171	Fiducial, total and differential cross-section measurements of t-channel single top-quark production in pp collisions at 8 TeV using data collected by the ATLAS detector. European Physical Journal C, 2017, 77, 531.	3.9	56
172	Measurements of electroweak Wjj production and constraints on anomalous gauge couplings with the ATLAS detector. European Physical Journal C, 2017, 77, 474.	3.9	26
173	Jet reconstruction and performance using particle flow with the ATLAS Detector. European Physical Journal C, 2017, 77, 466.	3.9	145
174	Measurement of multi-particle azimuthal correlations in pp, p+Pb and low-multiplicity Pb+Pb collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 428.	3.9	86
175	Measurement of inclusive and differential cross sections in the $H \rightarrow ZZ^* \rightarrow 4\ell$ decay channel in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	31
176	Measurement of lepton differential distributions and the top quark mass in $t\bar{t}$. European Physical Journal C, 2017, 77, 804.	3.9	28
177	Measurement of the $t\bar{t}\gamma$ 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
178	Measurements of charge and CP asymmetries in b-hadron decays using top-quark events collected by the ATLAS detector in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
179	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. European Physical Journal C, 2017, 77, 673.	3.9	75
180	Search for new phenomena in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 144.	3.9	12

#	ARTICLE	IF	CITATIONS
181	Measurement of the ZZ production cross section in proton-proton collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ using the ZZ $\hat{\sigma}$, $\hat{\sigma}^{\text{tree}}$, $\hat{\sigma}^{\text{loop}}$, $\hat{\sigma}^{\text{tree+loop}}$ and ZZ $\hat{\sigma}$, $\hat{\sigma}^{\text{tree}}$, $\hat{\sigma}^{\text{loop}}$ + $\hat{\sigma}^{\text{tree+loop}}$ decay channels with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.		
182	Probing the W tb vertex structure in t-channel single-top-quark production and decay in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
183	Measurements of $\tilde{\chi}(2S)$ and $\chi(3872) \rightarrow J/\psi \tilde{\chi} + \tilde{\chi} \tilde{\chi}$ production in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	33
184	Measurements of top-quark pair to Z-boson cross-section ratios at $s = 13 \sqrt{s} = 13 \text{ TeV}$, $8, 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
185	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
186	Performance of the ATLAS trigger system in 2015. European Physical Journal C, 2017, 77, 317.	3.9	489
187	Reconstruction of primary vertices at the ATLAS experiment in Run 1 proton-proton collisions at the LHC. European Physical Journal C, 2017, 77, 332.	3.9	71
188	Measurements of the production cross section of a ZZ Z boson in association with jets in pp collisions at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2017, 77, 361.	3.9	47
189	Precision measurement and interpretation of inclusive W^+W^+ , W^+W^- . European Physical Journal C, 2017, 77, 367.	3.9	145
190	Measurement of jet fragmentation in Pb+Pb and pp collisions at $\sqrt{s_{\text{NN}}} = 2.76 \text{ TeV}$, $\sqrt{s_{\text{NN}}} = 2.76$. European Physical Journal C, 2017, 77, 379.	3.9	51
191	Search for dark matter at $\sqrt{s} = 13 \text{ TeV}$ 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
192	Measurement of charged-particle distributions sensitive to the underlying event in $s = 13 \sqrt{s} = 13 \text{ TeV}$ proton-proton collisions with the ATLAS detector at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
193	Search for direct top squark pair production in final states with two leptons in $\sqrt{s} = 13 \text{ TeV}$ pp collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 898.	3.9	50
194	Search for direct top squark pair production in events with a Higgs or Z boson, and missing transverse momentum in $s = 13 \sqrt{s} = 13 \text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	8
195	Measurement of detector-corrected observables sensitive to the anomalous production of events with jets and large missing transverse momentum in $\sqrt{s} = 13 \text{ TeV}$ pp collisions at $\sqrt{s} = 13 \text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2017, 77, 765.	3.9	19
196	Measurement of b-hadron pair production with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	8
197	Search for supersymmetry in events with b-tagged jets and missing transverse momentum in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
198	Measurement of the inclusive jet cross-sections in proton-proton collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	23

#	ARTICLE	IF	CITATIONS
199	Search for pair production of vector-like top quarks in events with one lepton, jets, and missing transverse momentum in $s = 13 \sqrt{s} = 13 \text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	38
200	Identification and rejection of pile-up jets at high pseudorapidity with the ATLAS detector. European Physical Journal C, 2017, 77, 580.	3.9	35
201	Measurement of $WW/WZ \rightarrow \ell u q q'$, $WW/WZ \rightarrow \ell \nu q q'$, $WZ \rightarrow \ell \nu q q'$ production with the hadronically decaying boson reconstructed as one or two jets in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with ATLAS, and constraints on anomalous gauge couplings. European Physical Journal C, 2017, 77, 563.	3.9	28
202	Search for new phenomena in a lepton plus high jet multiplicity final state with the ATLAS experiment using $s = 13 \sqrt{s} = 13 \text{ TeV}$ proton-proton collision data. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
203	Searches for the $Z\tilde{\chi}^0_3$ decay mode of the Higgs boson and for new high-mass resonances in pp collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	30
204	Studies of $Z\tilde{\chi}^0_3$ production in association with a high-mass dijet system in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
205	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	16
206	Search for top quark decays $t \rightarrow qH$, with $H \rightarrow \tilde{\chi}^0_3\tilde{\chi}^0_3$, in $s = 13 \sqrt{s} = 13 \text{ TeV}$ pp collisions using the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	18
207	Study of $WW\gamma \rightarrow WW\tilde{\chi}^0_3$ and $WZ\gamma \rightarrow WZ$. European Physical Journal C, 2017, 77, 646.	3.9	30
208	Measurements of top quark spin observables in $t\bar{t} \rightarrow \text{dilepton} + \text{hadrons}$ events using dilepton final states in $s = 8 \sqrt{s} = 8 \text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	20
209	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
210	Top-quark mass measurement in the all-hadronic $t\bar{t} \rightarrow \text{hadrons}$ decay channel at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	16
211	Measurement of the Drell-Yan triple-differential cross section in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	28
212	Search for a scalar partner of the top quark in the jets plus missing transverse momentum final state at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	45
213	Search for supersymmetry in final states with two same-sign or three leptons and jets using 36 fb ⁻¹ of $\sqrt{s} = 13 \text{ TeV}$ pp collision data with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	31
214	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 $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	36
215	Measurement of the k_t splitting scales in $Z \rightarrow \ell \ell, \nu \nu$ events in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	3
216	Analysis of the Wtb vertex from the measurement of triple-differential angular decay rates of single top quarks produced in the t-channel at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	8

#	ARTICLE	IF	CITATIONS
217	Evidence for the $H \rightarrow b\bar{b}$ decay with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	64
218	Search for new high-mass phenomena in the dilepton final state using 36 fb ⁻¹ of proton-proton collision data at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	168
219	Determination of the strong coupling constant α_s from transverse energy correlations in multijet events at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 872.	3.9	32
220	Design of a hardware track finder (Fast Tracker) for the ATLAS trigger. Journal of Instrumentation, 2016, 11, C02056-C02056.	1.2	5
221	Study of hard double-parton scattering in four-jet events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.	4.7	30
222	Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	10
223	Measurement of event-shape observables in $Z \rightarrow \ell^+ \ell^- Z \rightarrow \nu \bar{\nu}$ events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 375.	3.9	15
224	Charged-particle distributions in pp interactions at $\sqrt{s} = 8$ TeV measured with the ATLAS detector. European Physical Journal C, 2016, 76, 403.	3.9	30
225	Charged-particle distributions at low transverse momentum in $\sqrt{s} = 13$ TeV pp interactions measured with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 502.	3.9	61
226	Search for bottom squark pair production in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 547.	3.9	37
227	Search for minimal supersymmetric standard model Higgs Bosons H_{\pm}/A and for a Z^{\prime} boson in the $\tau^+ \tau^- \ell^+ \ell^-$ final state produced in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 585.	3.9	51
228	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
229	Measurement of the $b\bar{b}$ dijet cross section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 670.	3.9	12
230	The performance of the jet trigger for the ATLAS detector during 2011 data taking. European Physical Journal C, 2016, 76, 526.	3.9	21
231	Search for new phenomena in different-flavour high-mass dilepton final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 541.	3.9	23
232	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
233	Muon reconstruction performance of the ATLAS detector in proton-proton collision data at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2016, 76, 292.	3.9	453
234	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

#	ARTICLE	IF	CITATIONS
235	Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 565.	3.9	31
236	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	44
237	Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	71
238	Search for flavour-changing neutral current top-quark decays to $\bar{q}Z$ in pp collision data collected with the ATLAS detector at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 12.	3.9	39
239	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 87.	3.9	39
240	Search for direct top squark pair production in final states with two tau leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 81.	3.9	10
241	Search for charged Higgs bosons in the $H^{\pm} \rightarrow tb$ decay channel in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	43
242	Study of the rare decays of $B^0 \rightarrow B^0 \mu^+ \mu^-$ and $B^0 \rightarrow B^0 \mu^+ \mu^-$ 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
243	Search for supersymmetry in a final state containing two photons and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions. European Physical Journal C, 2016, 76, 517.	3.9	24
244	Search for resonances in diphoton events at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	70
245	Search for single production of vector-like quarks decaying into Wb in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 442.	3.9	43
246	Measurement of the relative width difference of the $B^0 \rightarrow B^0 \mu^+ \mu^-$ system with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
247	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. European Physical Journal C, 2016, 76, 295.	3.9	50
248	Performance of pile-up mitigation techniques for jets in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 581.	3.9	298
249	Measurement of the charged-particle multiplicity inside jets from $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2016, 76, 322.	3.9	51
250	Measurement of jet activity in top quark events using the e^+e^- final state with two b-tagged jets in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	4
251	Measurement of the transverse momentum and ϕ^*_{η} distributions of Drell-Yan lepton pairs in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 291.	3.9	154
252	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to $WW \rightarrow e^+e^- \mu^+\mu^-$ with the ATLAS detector at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15

#	ARTICLE	IF	CITATIONS
253	Search for new phenomena in events with a photon and missing transverse momentum in pp collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	20
254	A search for top squarks with R-parity-violating decays to all-hadronic final states with the ATLAS detector in $s = 8 \sqrt{s} = 8 \text{ TeV}$ proton-proton collisions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
255	Identification of high transverse momentum top quarks in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
256	A search for an excited muon decaying to a muon and two jets in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. New Journal of Physics, 2016, 18, 073021.	2.9	2
257	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
258	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2016, 76, 538.	3.9	115
259	Measurement of the differential cross-sections of prompt and non-prompt production of J/ψ and $\psi(2S)$ in pp collisions at $s = 7 \sqrt{s} = 7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 283.	3.9	63
260	Luminosity determination in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ using the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 653.	3.9	279
261	Search for squarks and gluinos in events with hadronically decaying tau leptons, jets and missing transverse momentum in proton-proton collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ recorded with the ATLAS detector. European Physical Journal C, 2016, 76, 683.	3.9	11
262	Addendum to "Measurement of the $t\bar{t}$ production cross-section using $e\mu$ events with b-tagged jets in pp collisions at $s = 7 \sqrt{s} = 7$ and 8 TeV with the ATLAS detector". European Physical Journal C, 2016, 76, 1.	3.9	19
263	Measurement of the angular coefficients in Z-boson events using electron and muon pairs from data taken at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33
264	Searches for heavy diboson resonances in pp collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	25
265	Dark matter interpretations of ATLAS searches for the electroweak production of supersymmetric particles in $s = 8 \sqrt{s} = 8 \text{ TeV}$ proton-proton collisions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	16
266	Search for the Standard Model Higgs boson decaying into $b\bar{b}$ produced in association with top quarks decaying hadronically in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	21
267	Measurement of the CP-violating phase $\arg(\lambda)$ and the B_s^0 meson decay width difference with $B_s^0 \rightarrow \tau^+ \tau^-$ decays in ATLAS. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
268	Search for squarks and gluinos in final states with jets and missing transverse momentum at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 392.	3.9	73
269	Measurement of the double-differential high-mass Drell-Yan cross section in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	38
270	A search for prompt lepton-jets in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	31

#	ARTICLE	IF	CITATIONS
271	Search for new phenomena with photon+jet events in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
272	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 199.	3.9	60
273	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
274	Search for the production of single vector-like and excited quarks in the Wt final state in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
275	Search for strong gravity in multijet final states produced in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector at the LHC. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
276	Identification of boosted, hadronically decaying W bosons and comparisons with ATLAS data taken at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 154.	3.9	62
277	Search for new phenomena in events with at least three photons collected in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 210.	3.9	95
278	Probing lepton flavour violation via neutrinoless $\nu\bar{\nu} \rightarrow 3\mu$, $\nu\bar{\nu} \rightarrow 3\tau$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 232.	3.9	19
279	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
280	Search for supersymmetry at $\sqrt{s}=13$ TeV 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
281	Search for invisible decays of a Higgs boson using vector-boson fusion in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	49
282	Search for anomalous couplings in the Wtb 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
283	Searches for scalar leptoquarks in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 5.	3.9	109
284	Measurements of the Higgs boson production and decay rates and coupling strengths using pp collision data at $\sqrt{s}=7$ and 8 TeV in the ATLAS experiment. European Physical Journal C, 2016, 76, 6.	3.9	274
285	Measurements of fiducial cross-sections for $t\bar{t}$ production with one or two additional b-jets in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. European Physical Journal C, 2016, 76, 11.	3.9	54
286	Study of the $B_c^+ \rightarrow J/\psi D_s^+ B_c^+ \hat{a}^+ J/\psi D_s^+$ and $B_c^+ \rightarrow J/\psi D_s^+ \hat{a}^+ J/\psi D_s^+$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 4.	3.9	40
287	Search for an additional, heavy Higgs boson in the $H \rightarrow ZZ$ decay channel at $\sqrt{s}=8$ TeV in pp collision data with the ATLAS detector. European Physical Journal C, 2016, 76, 45.	3.9	197
288	Search for single top-quark production via flavour-changing neutral currents at 8 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 55.	3.9	43

#	ARTICLE	IF	CITATIONS
289	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at ($\sqrt{s}=8, \text{TeV}$) with the ATLAS detector. , 2016, 76, 1.		1
290	Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at $s = 8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	4
291	A search for high-mass resonances decaying to $\tilde{l}, +\tilde{l}, \tilde{\chi}^0$ in pp collisions at $\sqrt{s}=8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	23
292	Summary of the ATLAS experiment's sensitivity to supersymmetry after LHC Run 1 interpreted in the phenomenological MSSM. Journal of High Energy Physics, 2015, 2015, 1.	4.7	55
293	Search for lepton-flavour-violating $H \rightarrow \tilde{l} \tilde{l}^*$, decays of the Higgs boson with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	52
294	Measurement of four-jet differential cross sections in $s = 8 \text{ TeV}$ proton-proton collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-76.	4.7	11
295	A search for $t \bar{t} \tilde{t} \tilde{t}^*$ resonances using lepton-plus-jets events in proton-proton collisions at $s = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	66
296	Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at $s = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	28
297	Measurement of charged-particle spectra in Pb+Pb collisions at $s_{NN} = 2.76 \text{ TeV}$ with the ATLAS detector at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	67
298	Analysis of events with b-jets and a pair of leptons of the same charge in pp collisions at $s = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
299	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
300	Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at $s = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-39.	4.7	78
301	Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at $s = 7 \text{ TeV}$ in the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	40
302	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at $\sqrt{s}=8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	84
303	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at $s = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	71
304	Search for new phenomena in events with three or more charged leptons in pp collisions at $s = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	20
305	Summary of the searches for squarks and gluinos using $s = 8 \text{ TeV}$ pp collisions with the ATLAS experiment at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
306	Determination of the top-quark pole mass using $t \bar{t} \tilde{t} \tilde{t}^* + 1\text{-jet}$ events collected with the ATLAS experiment in 7 TeV pp collisions. Journal of High Energy Physics, 2015, 2015, 1.	4.7	25

#	ARTICLE	IF	CITATIONS
307	Measurement of the $t\bar{t}W$ and $t\bar{t}Z$ production cross sections in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	22
308	Search for flavour-changing neutral current top quark decays $t \rightarrow q\gamma$ in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-65.	4.7	19
309	Search for heavy lepton resonances decaying to a Z boson and a lepton in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	36
310	Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	42
311	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
312	Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	17
313	Search for $W' \rightarrow t\bar{t} \rightarrow q\bar{q}b\bar{b}$ decays in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 165.	3.9	35
314	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 158.	3.9	17
315	Search for direct pair production of a chargino and a neutralino decaying to the 125 GeV Higgs boson in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 208.	3.9	67
316	Study of (W/Z)H production and Higgs boson couplings using $H \rightarrow W^+W^-$ decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	22
317	Search for metastable heavy charged particles with large ionisation energy loss in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS experiment. European Physical Journal C, 2015, 75, 407.	3.9	27
318	Measurement of the production and lepton charge asymmetry of W bosons in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 23.	3.9	41
319	Jet energy measurement and its systematic uncertainty in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 17.	3.9	268
320	Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 79.	3.9	30
321	Search for resonant diboson production in the $q\bar{q} \rightarrow \gamma^* \rightarrow q\bar{q}$ final state in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	3.9	74
322	Measurements of the W production cross sections in association with jets with the ATLAS detector. European Physical Journal C, 2015, 75, 82.	3.9	92
323	Search for dark matter in events with heavy quarks and missing transverse momentum in pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 92.	3.9	77
324	Measurement of the $t\bar{t}$ production cross-section as a function of jet multiplicity and jet transverse momentum in 7 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30

#	ARTICLE	IF	CITATIONS
325	Measurement of the $WW + WZ$ cross section and limits on anomalous triple gauge couplings using final states with one lepton, missing transverse momentum, and two jets with the ATLAS detector at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	27
326	Searches for heavy long-lived charged particles with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
327	Search for the $b\bar{b}$ 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
328	Measurement of the inclusive jet cross-section in proton-proton collisions at $\sqrt{s} = 7$ TeV using 4.5 fb^{-1} of data with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	35
329	Search for anomalous production of prompt same-sign lepton pairs and pair-produced doubly charged Higgs bosons with $\sqrt{s} = 8$ TeV pp collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
330	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \tau^-$, $H \rightarrow \tau^+ \tau^- \nu_\tau$ in fully hadronic final states using pp collision data at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	69
331	Search for production of WW/WZ resonances decaying to a lepton, neutrino and jets in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 209.	3.9	79
332	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 120.	3.9	62
333	Search for Higgs boson pair production in the $b\bar{b}b\bar{b}$ final state from pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 412.	3.9	90
334	Determination of spin and parity of the Higgs boson in the $WW \rightarrow e\mu u\bar{u}$ decay channel with the ATLAS detector. European Physical Journal C, 2015, 75, 231.	3.9	21
335	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 299.	3.9	238
336	Search for a new resonance decaying to a W or Z boson and a Higgs boson in the $u\bar{u} + b\bar{b}$ final states with the ATLAS detector. European Physical Journal C, 2015, 75, 263.	3.9	60
337	Measurement of three-jet production cross-sections in pp collisions at $\sqrt{s} = 7$ TeV centre-of-mass energy using the ATLAS detector. European Physical Journal C, 2015, 75, 228.	3.9	23
338	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
339	Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 303.	3.9	70
340	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
341	Observation and measurements of the production of prompt and non-prompt J/ψ mesons in association with a Z boson in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 229.	3.9	64
342	Search for the Standard Model Higgs boson produced in association with top quarks and decaying into $b\bar{b}$ in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 349.	3.9	123

#	ARTICLE	IF	CITATIONS
343	Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 318.	3.9	56
344	Search for heavy long-lived multi-charged particles in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. European Physical Journal C, 2015, 75, 362.	3.9	36
345	Two-particle Bose-Einstein correlations in pp collisions at $\sqrt{s}=0.9$ and 7 TeV measured with the ATLAS detector. European Physical Journal C, 2015, 75, 466.	3.9	42
346	Measurement of the top quark mass in the $t \rightarrow \text{lepton} + \text{jets}$ and $t \rightarrow \text{dilepton}$ dilepton channels using $\sqrt{s}=7$ TeV ATLAS data. European Physical Journal C, 2015, 75, 330.	3.9	52
347	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
348	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. , 2015, 75, 1.		3
349	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. , 2015, 75, 1.		3
350	Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	82
351	Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton-proton collision data. European Physical Journal C, 2014, 74, 3130.	3.9	213
352	Measurements of jet vetoes and azimuthal decorrelations in dijet events produced in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. European Physical Journal C, 2014, 74, 3117.	3.9	40
353	A measurement of the ratio of the production cross sections for W^+W^- and Z^0Z^0 bosons in association with jets with the ATLAS detector. European Physical Journal C, 2014, 74, 3168.	3.9	23
354	Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at $\sqrt{s}=8$ TeV with ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	45
355	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb ⁻¹ of $\sqrt{s}=8$ TeV proton-proton collision data with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	12
356	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using $\sqrt{s}=8$ TeV proton-proton collision data. Journal of High Energy Physics, 2014, 2014, 1.	4.7	128
357	Measurement of the $t \bar{t}$ production cross-section using e^+e^- events with b -tagged jets in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3109.	3.9	143
358	Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	66
359	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at $\sqrt{s}=7$ TeV in 2010. European Physical Journal C, 2014, 74, 3034.	3.9	58
360	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. European Physical Journal C, 2014, 74, 1.	3.9	172

#	ARTICLE	IF	CITATIONS
361	Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3134.	3.9	48
362	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3157.	3.9	68
363	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3195.	3.9	46
364	Search for direct pair production of the top squark in all-hadronic final states in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	41
365	Measurement of the production cross-section of $\tilde{t}(2S) \rightarrow J/\psi(\psi' + \psi) + \tilde{t} \rightarrow \tilde{t} + \tilde{t}'$ in pp collisions at $\sqrt{s} = 7$ TeV at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	21
366	Measurement of the Z/\tilde{t}^* boson transverse momentum distribution in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	131
367	Search for strong production of supersymmetric particles in final states with missing transverse momentum and at least three b-jets at $\sqrt{s} = 8$ TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	38
368	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
369	Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	47
370	Search for pair and single production of new heavy quarks that decay to a Z boson and a third-generation quark in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
371	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
372	Search for the direct production of charginos, neutralinos and staus in final states with at least two hadronically decaying taus and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	40
373	The differential production cross section of the $\phi(1020)$ meson in pp collisions measured with the ATLAS detector. European Physical Journal C, 2014, 74, 2895.	3.9	13
374	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data. European Physical Journal C, 2014, 74, 2941.	3.9	204
375	Measurement of the underlying event in jet events from 7 TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 1.	3.9	23
376	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 2982.	3.9	22
377	Light-quark and gluon jet discrimination in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3023.	3.9	77
378	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

#	ARTICLE	IF	CITATIONS
379	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
380	Measurement of the production cross section of prompt J/ψ mesons in association with a W^{\pm} boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
381	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
382	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
383	Search for direct production of charginos, neutralinos and sleptons in final states with two leptons and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	145
384	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
385	Measurement of the low-mass Drell-Yan differential cross section at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
386	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
387	Measurement of $\bar{t}c1$ and $\bar{t}c2$ production with $\sqrt{s} = 7$ TeV pp collisions at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	32
388	Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	10
389	Search for new particles in events with one lepton and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	45
390	Search for direct top squark pair production in events with a Z boson, b -jets and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 2883.	3.9	55
391	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
392	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
393	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
394	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
395	Measurement of ZZ production in pp collisions at $\sqrt{s} = 7$ TeV and limits on anomalous ZZZ and $ZZ\bar{\nu}\nu$ couplings with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	61
396	Search for charged Higgs bosons through the violation of lepton universality in \bar{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
397	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
398	Measurement of k_T splitting scales in $W\hat{+}a, \tau^{1/2}$ events at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	3.9	19
399	Search for a light charged Higgs boson in the decay channel $H^{+} \rightarrow c\bar{s}$ in $t\bar{t}$ events using pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2013, 73, 2465.	3.9	119
400	A precision measurement of charm dimuon production in neutrino interactions from the NOMAD experiment. Nuclear Physics B, 2013, 876, 339-375.	2.5	59
401	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
402	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
403	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
404	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
405	Improved luminosity determination in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2518.	3.9	362
406	Measurement of the inclusive jet cross-section in pp collisions at $\sqrt{s}=2.76 \text{ TeV}$ and comparison to the inclusive jet cross-section at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2013, 73, 2509.	3.9	105
407	Multi-channel search for squarks and gluinos in $\sqrt{s}=7 \text{ TeV}$ pp collisions with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2362.	3.9	34
408			

#	ARTICLE	IF	CITATIONS
415	Search for direct chargino production in anomaly-mediated supersymmetry breaking models based on a disappearing-track signature in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	15
416	A fast hardware tracker for the ATLAS trigger system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 258-259.	1.6	0
417	Measurements of top quark pair relative differential cross-sections with ATLAS in pp collisions at $\sqrt{s} = 7\text{TeV}$. European Physical Journal C, 2013, 73, 1.	3.9	61
418	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7\text{TeV}$. European Physical Journal C, 2013, 73, 1.	3.9	45
419	Measurement of the flavour composition of dijet events in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2013, 73, 1.	3.9	15
420	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
421	Jet energy resolution in proton-proton collisions at $\sqrt{s}=7\text{TeV}$ recorded in 2010 with the ATLAS detector. European Physical Journal C, 2013, 73, 2306.	3.9	209
422	Measurement of the τ production cross section in the tau + jets channel using the ATLAS detector. European Physical Journal C, 2013, 73, 2328.	3.9	45
423	Search for WH production with a light Higgs boson decaying to prompt electron-jets in proton-proton collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector. New Journal of Physics, 2013, 15, 043009.	2.9	15
424	FTK: a Fast Track Trigger for ATLAS. Journal of Instrumentation, 2012, 7, C10002-C10002.	1.2	5
425	Measurement of the cross section for top-quark pair production in pp collisions at $\sqrt{s} = 7\text{TeV}$ with the ATLAS detector using final states with two high-p T leptons. Journal of High Energy Physics, 2012, 2012, 1.	4.7	45
426	Jet mass and substructure of inclusive jets in $\sqrt{s} = 7\text{TeV}$ pp collisions with the ATLAS experiment. Journal of High Energy Physics, 2012, 2012, 1.	4.7	88
427	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
428	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in 4.7fb^{-1} of $\sqrt{s} = 7\text{TeV}$ proton-proton collisions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	53
429	A search for $\overline{t}t$ resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $\sqrt{s} = 7\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	40
430	Search for the Standard Model Higgs boson in the $H \rightarrow \tau\tau$, $H \rightarrow \tau\nu$ decay mode in $\sqrt{s} = 7\text{TeV}$ pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	43
431	A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at $\sqrt{s}=7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	34
432	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $\sqrt{s}=7\text{TeV}$ with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	15

#	ARTICLE	IF	CITATIONS
433	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
434	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
435	Search for anomalous production of prompt like-sign lepton pairs at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	17
436	Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	48
437	Search for R-parity-violating supersymmetry in events with four or more leptons in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	13
438	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
439	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	100
440	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	13
441	Measurement of τ 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
442	A search for τ resonances with the ATLAS detector in 2.05 fb^{-1} of proton-proton collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 2083.	3.9	25
443	Search for second generation scalar leptoquarks in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	37
444	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
445	Measurement of $W \pm Z$ production in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	59
446	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
447	Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	22
448	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
449	Search for light scalar top-quark pair production in final states with two leptons with the ATLAS detector in $\sqrt{s}=7$ TeV proton-proton collisions. European Physical Journal C, 2012, 72, 1.	3.9	31
450	ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	36

#	ARTICLE	IF	CITATIONS
469	Studies of the performance of the ATLAS detector using cosmic-ray muons. European Physical Journal C, 2011, 71, 1.	3.9	17
470	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
471	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
472	Search for an excess of events with an identical flavour lepton pair and significant missing transverse momentum in $\sqrt{s}=7$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	18
473	Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $\sqrt{s}=7$ TeV proton-proton collisions with the ATLAS experiment. European Physical Journal C, 2011, 71, 1.	3.9	41
474	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
475	Search for diphoton events with large missing transverse energy with 36 pb ⁻¹ of 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	15
476	Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy. European Physical Journal C, 2011, 71, 1.	3.9	60
477	Measurement of the jet fragmentation function and transverse profile in proton-proton collisions at a center-of-mass energy of 7 TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	56
478	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb ⁻¹ of ATLAS data. European Physical Journal C, 2011, 71, 1.	3.9	14
479	Search for massive colored scalars in four-jet final states in $\sqrt{s}=7$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	39
480	Measurement of the inclusive and dijet cross-sections of b-jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	73
481	Measurement of $W^{\pm}Z$ and $Z^{\pm}Z$ 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
482	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
483	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
484	Enhancement of the ATLAS trigger system with a hardware tracker finder FTK. Journal of Instrumentation, 2010, 5, C12037-C12037.	1.2	1
485	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 723-753.	3.9	61
486	The ATLAS Inner Detector commissioning and calibration. European Physical Journal C, 2010, 70, 787-821.	3.9	95

#	ARTICLE	IF	CITATIONS
487	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. European Physical Journal C, 2010, 70, 755-785.	3.9	51
488	Commissioning of the ATLAS Muon Spectrometer with Cosmic Rays. European Physical Journal C, 2010, 70, 875-916.	3.9	23
489	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	3.9	1,187
490	Readiness of the ATLAS Tile Calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 1193-1236.	3.9	121
491	Performance of the ATLAS detector using first collision data. Journal of High Energy Physics, 2010, 2010, 1.	4.7	18
492	Measurement of the $W \rightarrow \mu \nu$ and $Z \rightarrow \mu \mu$ production cross sections in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2010, 2010, 1.	4.7	64
493	The Fast Track real time processor and its impact on muon isolation, tau and b-jet online selections at ATLAS. , 2010, , .		4
494	A measurement of coherent neutral pion production in neutrino neutral current interactions in the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 682, 177-184.	4.1	29
495	A study of quasi-elastic muon neutrino and antineutrino scattering in the NOMAD experiment. European Physical Journal C, 2009, 63, 355-381.	3.9	193
496	A precise measurement of the muon neutrino "nucleon inclusive charged current cross section off an isoscalar target in the energy range $<math>2.5 <math><math>E <math>1.7 GeV" by NOMAD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 19-25.$	4.1	73
497	The ATLAS Muon Trigger "Slice". IEEE Transactions on Nuclear Science, 2008, 55, 151-157.	2.0	2
498	Implementation and performance of the ATLAS Trigger Muon "Vertical Slice". , 2008, , .		0
499	The ATLAS Muon Trigger "Slice". , 2007, , .		2
500	Erratum to "Design, Deployment and Functional Tests of the Online Event Filter for the ATLAS Experiment at LHC". IEEE Transactions on Nuclear Science, 2007, 54, 758-758.	2.0	0
501	The ATLAS Data Acquisition and Trigger: concept, design and status. Nuclear Physics, Section B, Proceedings Supplements, 2007, 172, 178-182.	0.4	23
502	Implementation and performance of the ATLAS Trigger Muon "Vertical Slice". Nuclear Physics, Section B, Proceedings Supplements, 2007, 172, 289-291.	0.4	0
503	Search for the exotic \hat{T}^+ resonance in the NOMAD experiment. European Physical Journal C, 2007, 49, 499-510.	3.9	8
504	Implementation and performance of the seeded reconstruction for the ATLAS event filter. IEEE Transactions on Nuclear Science, 2006, 53, 864-869.	2.0	2

#	ARTICLE	IF	CITATIONS
505	Online muon reconstruction in the ATLAS level-2 trigger system. IEEE Transactions on Nuclear Science, 2006, 53, 1339-1346.	2.0	4
506	Deployment of the ATLAS High-Level Trigger. IEEE Transactions on Nuclear Science, 2006, 53, 2144-2149.	2.0	7
507	The ATLAS Muon Trigger Slice. , 2006, , .		0
508	Implementation and performance of the third level muon trigger of the ATLAS experiment at LHC. IEEE Transactions on Nuclear Science, 2006, 53, 500-505.	2.0	0
509	Overview of the High-Level Trigger Electron and Photon Selection for the ATLAS Experiment at the LHC. IEEE Transactions on Nuclear Science, 2006, 53, 2839-2843.	2.0	3
510	IMPLEMENTATION AND PERFORMANCE OF A TAU LEPTON SELECTION WITHIN THE ATLAS TRIGGER SYSTEM AT THE LHC. , 2006, , .		0
511	Design, deployment and functional tests of the online event filter for the ATLAS experiment at LHC. IEEE Transactions on Nuclear Science, 2005, 52, 2846-2852.	2.0	5
512	Deployment of the ATLAS high level trigger. , 2005, , .		3
513	Implementation and performance of the seeded reconstruction for the ATLAS event filter selection software. , 2005, , .		2
514	Overview of the high-level trigger electron and photon selection for the ATLAS experiment at the LHC. , 2005, , .		1
515	Algorithms for the ATLAS high-level trigger. IEEE Transactions on Nuclear Science, 2004, 51, 367-374.	2.0	8
516	Architecture of the ATLAS High Level Trigger Event Selection Software. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 518, 537-541.	1.6	3
517	Studies for a common selection software environment in ATLAS: from the level-2 trigger to the offline reconstruction. IEEE Transactions on Nuclear Science, 2004, 51, 915-920.	2.0	13
518	The second level trigger of the ATLAS experiment at CERN's LHC. IEEE Transactions on Nuclear Science, 2004, 51, 909-914.	2.0	10
519	Bose-Einstein correlations in charged current muon-neutrino interactions in the NOMAD experiment at CERN. Nuclear Physics B, 2004, 686, 3-28.	2.5	3
520	A study of strange particles produced in neutrino neutral current interactions in the NOMAD experiment. Nuclear Physics B, 2004, 700, 51-68.	2.5	8
521	Search for $\hat{\nu}_{1/2} \hat{\nu}_{1/4} \hat{\nu}_{1/2} e$ oscillations in the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 570, 19-31.	4.1	163
522	Prediction of neutrino fluxes in the NOMAD experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 515, 800-828.	1.6	49

#	ARTICLE	IF	CITATIONS
523	The second level trigger of the ATLAS experiment at CERN's LHC. , 2003, , .		1
524	High-level triggers in ATLAS. IEEE Transactions on Nuclear Science, 2002, 49, 377-382.	2.0	2
525	A study of strange particle production in $\hat{1}/2\hat{1}/4$ charged current interactions in the NOMAD experiment. Nuclear Physics B, 2002, 621, 3-34.	2.5	28
526	New results on a search for a 33.9 MeV/c ² neutral particle from $\hat{1}\hat{e}^+$ decay in the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 527, 23-28.	4.1	10
527	Study of \hat{D}^+ production in $\hat{1}/2\hat{1}/4$ charged current interactions in the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 278-286.	4.1	16
528	Inclusive production of $\hat{f}_0(770)$, $\hat{f}_0(980)$ and $\hat{f}_2(1270)$ mesons in $\hat{1}/2\hat{1}/4$ charged current interactions. Nuclear Physics B, 2001, 601, 3-23.	2.5	16
529	Measurement of the polarization in $\hat{1}/2\hat{1}/4$ charged current interactions in the NOMAD experiment. Nuclear Physics B, 2001, 605, 3-14.	2.5	36
530	A study of backward going p and $\hat{1}\hat{e}^+$ in interactions with the NOMAD detector. Nuclear Physics B, 2001, 609, 255-279.	2.5	15
531	Final NOMAD results on $\hat{1}/2\hat{1}/4\hat{e}^+\hat{1}/2\hat{1}$, and $\hat{1}/2\hat{e}^+\hat{1}/2\hat{1}$, oscillations including a new search for $\hat{1}/2\hat{1}$, appearance using hadronic $\hat{1}$ decays. Nuclear Physics B, 2001, 611, 3-39.	2.5	117
532	Search for heavy neutrinos mixing with tau neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 506, 27-38.	4.1	102
533	Search for eV (pseudo)scalar penetrating particles in the SPS neutrino beam. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 371-380.	4.1	19
534	Updated results from the $\hat{1}/2\hat{1}$, appearance search in NOMAD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 483, 387-404.	4.1	18
535	Neutrino production of opposite sign dimuons in the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 486, 35-48.	4.1	44
536	Limit on $\hat{1}/2\hat{e}^+\hat{1}/2\hat{1}$, oscillations from the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 471, 406-410.	4.1	11
537	Measurement of the polarization in charged current interactions in the NOMAD experiment. Nuclear Physics B, 2000, 588, 3-36.	2.5	75
538	Precision measurement of scaled momentum, charge multiplicity, and thrust in $\hat{1}/2\hat{1}/4N$ and interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 445, 439-448.	4.1	10
539	A more sensitive search for $\hat{1}/2\hat{1}/4\hat{e}^+\hat{1}/2\hat{1}$, oscillations in NOMAD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 169-186.	4.1	33
540	Parameterization of e and $\hat{1}^3$ initiated showers in the NOMAD lead-glass calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 425, 188-209.	1.6	12

#	ARTICLE	IF	CITATIONS
541	Construction and test of a full-scale prototype of an ATLAS muon spectrometer tracking chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 425, 140-164.	1.6	3
542	The ATLAS DAQ and event filter prototype project. Computer Physics Communications, 1998, 110, 95-102.	7.5	10
543	Search for a new gauge boson in $\tau \rightarrow \mu \nu$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 428, 197-205.	4.1	35
544	The NOMAD experiment at the CERN SPS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 404, 96-128.	1.6	157
545	A study of the transverse fluctuations of hadronic showers in the NOMAD electromagnetic calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 411, 285-303.	1.6	23
546	Calypso: a full-scale MDT prototype for the ATLAS muon spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 419, 331-335.	1.6	10
547	A search for $\nu_{\tau} \rightarrow \nu_{\mu}$ oscillations using the NOMAD detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 431, 219-236.	4.1	51
548	Autocalibration of high precision drift tubes. Nuclear Physics, Section B, Proceedings Supplements, 1997, 54, 311-316.	0.4	13
549	Test beam performance of the electromagnetic calorimeter of the NOMAD experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 387, 352-364.	1.6	21
550	The electromagnetic calorimeter of the NOMAD experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 373, 358-373.	1.6	30
551	Test results of an electromagnetic calorimeter with 0.5 mm scintillating fibers readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 337, 314-325.	1.6	12
552	Test results of a fully projective lead/scintillating-fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 337, 326-341.	1.6	13
553	Measurement of the gluon structure function from direct photon data at the CERN $p\bar{p}$ collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 299, 174-182.	4.1	15
554	A search for new intermediate vector bosons and excited quarks decaying to two-jets at the CERN $p\bar{p}$ collider. Nuclear Physics B, 1993, 400, 3-22.	2.5	120
555	The performance of a lead/scintillating-fiber calorimeter at LHC/SSC compatible gate widths. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 314, 431-449.	1.6	16
556	Detection of muons with a lead/scintillating-fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 320, 128-143.	1.6	48
557	Lateral shower profiles in a lead/scintillating fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 316, 184-201.	1.6	44
558	An improved determination of the ratio of W and Z masses at the CERN $p\bar{p}$ collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 276, 354-364.	4.1	114

#	ARTICLE	IF	CITATIONS
559	A measurement of the W and Z production cross sections and a determination of $\hat{\sigma}_w$ at the CERN $\sqrt{s}=1.8$ TeV pp collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 276, 365-374.	4.1	49
560	A search for charged Higgs from top quark decay at the CERN $\sqrt{s}=1.8$ TeV pp collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 280, 137-145.	4.1	22
561	Study of electron pair production below the Z mass at the CERN p collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 275, 202-208.	4.1	5
562	Direct measurement of the $W\hat{\Gamma}^3$ coupling at the CERN p Collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 277, 194-202.	4.1	59
563	Experimental limit on the decay $W\hat{\Gamma}^3 \rightarrow e^+e^-$ at the CERN $\sqrt{s}=1.8$ TeV pp collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 277, 203-208.	4.1	4
564	A search for scalar leptoquarks at the CERN collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 274, 507-512.	4.1	17
565	A measurement of single and double prompt photon production at the CERN p collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 288, 386-394.	4.1	26
566	Electron, pion and multiparticle detection with a lead/scintillating-fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 308, 481-508.	1.6	97
567	On muon production and other leakage aspects of pion absorption in a lead/scintillating-fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 309, 143-159.	1.6	18
568	Electron-pion discrimination with a scintillating fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 302, 36-46.	1.6	45
569	Localizing particles showering in a Spaghetti Calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 305, 55-70.	1.6	46
570	A measurement of electron-tau universality from decays of intermediate vector bosons at the CERN $\sqrt{s}=1.8$ TeV pp collider. Zeitschrift für Physik C-Particles and Fields, 1991, 52, 209-218.	1.5	9
571	A measurement of two-jet decays of the W and Z bosons at the CERN $\sqrt{s}=1.8$ TeV pp collider. Zeitschrift für Physik C-Particles and Fields, 1991, 49, 17-28.	1.5	68
572	A measurement of the direct photon production cross section at the CERN $\sqrt{s}=1.8$ TeV pp collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 263, 544-550.	4.1	44
573	A determination of the strong coupling constant $\hat{\alpha}_s$ from W production at the CERN pp collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 263, 563-572.	4.1	51
574	Inclusive jet cross-section and a search for quark compositeness at the CERN Collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 257, 232-240.	4.1	53
575	A study of multi-jet events at the CERN p collider and a search for double parton scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 268, 145-154.	4.1	118
576	Measurement of W and Z production cross sections at the CERN $\sqrt{s}=1.8$ TeV pp collider. Zeitschrift für Physik C-Particles and Fields, 1990, 47, 11-22.	1.5	30

#	ARTICLE	IF	CITATIONS
577	Measurement of the transverse momentum distributions of W and Z bosons at the CERN pp collider. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1990, 47, 523-531.	1.5	19
578	Search for top quark production at the CERN pp collider. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1990, 46, 179-189.	1.5	28
579	A precise determination of the W and Z masses at the CERN p collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 241, 150-164.	4.1	90
580	Search for scalar electrons and winos at the CERN p collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 238, 442-450.	4.1	4
581	A search for squark and gluino production at the CERN p collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 235, 363-372.	4.1	93
582	End-cap proportional tube chambers for the upgraded UA2 experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990, 286, 128-134.	1.6	15
583	Results of prototype studies for a spaghetti calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990, 294, 193-210.	1.6	108
584	Direct photon production in pp in collisions at $\sqrt{s} = 630$ GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1988, 41, 395-404.	1.5	27
585	Measurement of the strong coupling constant $\hat{\alpha}_s$ from a study of W Bosons produced in association with jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988, 215, 175-185.	4.1	20
586	Measurement of the standard model parameters from a study of W and Z bosons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987, 186, 440-451.	4.1	133
587	Search for decays of the W^{\pm} and Z bosons into quark-antiquark pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987, 186, 452-460.	4.1	42
588	Measurement of W and Z production properties at the CERN p collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987, 194, 158-166.	4.1	60
589	Search for exotic processes at the CERN pp collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987, 195, 613-622.	4.1	52
590	Jet measures and hadronic event shapes at the CERN pp p collider. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1987, 36, 175-187.	1.5	19
591	Direct photon production at the CERN pp collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1986, 176, 239-246.	4.1	44
592	A study of three-jet events at the CERN pp collider. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1986, 30, 341-353.	1.5	32
593	Measurement of W^{\pm} and Z properties at the CERN pp p collider. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1986, 30, 1-22.	1.5	45
594	Inclusive particle production in the transverse momentum range between 0.25 and 40 GeV/c at the CERN pp collider. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1985, 27, 329-339.	1.5	43

#	ARTICLE	IF	CITATIONS
595	Study of electron pairs below the Z0 mass produced in collisions at $\sqrt{s} = 540$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 154, 338-346.	4.1	3
596	Experimental study of the emergence of two-jet dominance in p collisions at $\sqrt{s} = 630$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 165, 441-448.	4.1	20
597	Measurement of the dependence of jet production at the CERN p collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 160, 349-356.	4.1	81
598	A new search for relativistic particles with fractional electric charge at the CERN collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 156, 129-133.	4.1	7
599	A study of high transverse momentum electrons produced in pp collisions at 540 GeV. Zeitschrift für Physik C-Particles and Fields, 1984, 24, 1-17.	1.5	34
600	Observation of electrons produced in association with hard jets and large missing transverse momentum in p collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 139, 105-114.	4.1	90
601	Measurement of jet production properties at the CERN Collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 144, 283-290.	4.1	74
602	Measurement of jet fragmentation properties at the CERN Collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 144, 291-296.	4.1	33
603	Measurement of very large transverse momentum jet production at the CERN collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 138, 430-440.	4.1	55
604	Measurement of production and properties of jets at the CERN pp collider. Zeitschrift für Physik C-Particles and Fields, 1983, 20, 117-134.	1.5	43
605	Inclusive charged particle production at the CERN p collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 122, 322-328.	4.1	72
606	Evidence for $Z \rightarrow e^+e^-$ at the CERN p collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 129, 130-140.	4.1	450
607	A search for relativistic particles with fractional electric charge at the Cern collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 121, 187-192.	4.1	5
608	Observation of single isolated electrons of high transverse momentum in events with missing transverse energy at the CERN p collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 122, 476-485.	4.1	486
609	Inclusive τ production at the CERN p-p collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 115, 59-64.	4.1	45
610	Observation of very large transverse momentum jets at the CERN p collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 118, 203-210.	4.1	153
611	The ATLAS event filter. , 0, , .		1
612	Prototype of an SMP based sub-farm of the ATLAS event filter. , 0, , .		0