

# Juan Terron

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7244296/publications.pdf>

Version: 2024-02-01

689  
papers

34,271  
citations

4146

87  
h-index

10158

140  
g-index

699  
all docs

699  
docs citations

699  
times ranked

10766  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of the ATLAS Level-1 topological trigger in RunÂ2. European Physical Journal C, 2022, 82, 1.	3.9	6
2	Measurement of the c-jet mistagging efficiency in $\sqrt{s}=13\text{ TeV}$ events using pp collision data at $\sqrt{s}=13\text{ TeV}$ collected with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	14
3	Search for exotic decays of the Higgs boson into $b\bar{b}$ and missing transverse momentum in pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
4	Observation of electroweak production of two jets in association with an isolated photon and missing transverse momentum, and search for a Higgs boson decaying into invisible particles at $13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2022, 82, 1.	3.9	8
5	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with $139\text{ fb}^{-1}$ of pp collision data at $\sqrt{s} = 13\text{ TeV}$ . Journal of High Energy Physics, 2022, 2022, 1.	4.7	10
6	AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	2.9	23
7	Measurement of the energy response of the ATLASÂcalorimeter to chargedÂpions from $W^{\pm} \rightarrow \mu^{\pm} \nu(\mu^{\pm} \nu) \rightarrow \pi^{\pm} \nu(\mu^{\pm} \nu) u \bar{u}$ events in RunÂ2 data. European Physical Journal C, 2022, 82, 1.	3.9	4
8	The ATLAS inner detector trigger performance in pp collisions at $13\text{ TeV}$ during LHC Run 2. European Physical Journal C, 2022, 82, 1.	3.9	5
9	Search for flavour-changing neutral-current interactions of a top quark and a gluon in pp collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	7
10	Measurement of the energy asymmetry in $t\bar{t}$ production at $13\text{ TeV}$ with the ATLAS experiment and interpretation in the SMEFT framework. European Physical Journal C, 2022, 82, .	3.9	2
11	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s} = 7, 8$ and $13\text{ TeV}$ . European Physical Journal C, 2022, 82, 1.	3.9	12
12	Measurement of hadronic event shapes in high-pT multijet final states at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
13	Search for squarks and gluinos in final states with jets and missing transverse momentum using $139\text{ fb}^{-1}$ of $\sqrt{s} = 13\text{ TeV}$ pp collision data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	37
14	Differential cross-section measurements for the electroweak production of dijets in association with a Z boson in protonâ€‘proton collisions at ATLAS. European Physical Journal C, 2021, 81, 1.	3.9	12
15	Measurements of WH and ZH production in the $H \rightarrow b\bar{b}$ decay channel in pp collisions at $13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	38
16	Search for dark matter in association with an energetic photon in pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	18
17	Search for type-III seesaw heavy leptons in dilepton final states in pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	17
18	Measurement of light-by-light scattering and search for axion-like particles with $2.2\text{ nb}^{-1}$ of Pb+Pb data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	19

#	ARTICLE	IF	CITATIONS
19	Search for Higgs boson production in association with a high-energy photon via vector-boson fusion with decay into bottom quark pairs at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	6
20	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
21	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
22	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
23	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
24	Search for heavy resonances decaying into a pair of Z bosons in the $\ell\ell^+\ell\ell^-$ and $\ell\ell^+\ell\ell^-u$ final states using 139 fb <sup>-1</sup> of proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	40
25	Search for new phenomena in final states with b-jets and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	18
26	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $\ell\ell b\bar{b}$ and $\ell\ell WW$ final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	26
27	Search for doubly and singly charged Higgs bosons decaying into vector bosons in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	23
28	Measurements of $W+W\gamma+1$ jet production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
29	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
30	Measurements of Higgs bosons decaying to bottom quarks from vector boson fusion production with the ATLAS experiment at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	14
31	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a $\bar{\ell}$ -lepton in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	27
32	Search for supersymmetry in events with four or more charged leptons in 139 fb <sup>-1</sup> of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
33	Determination of the parton distribution functions of the proton from ATLAS measurements of differential $W\Delta$ and Z boson production in association with jets. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
34	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
35	A search for the decays of stopped long-lived particles at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	Search for dark matter in events with missing transverse momentum and a Higgs boson decaying into two photons in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
45	Search for R-parity-violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment using $\sqrt{s} = 13$ TeV proton–proton collision data. European Physical Journal C, 2021, 81, 1.	3.9	7
46	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
47	Search for dark matter produced in association with a Standard Model Higgs boson decaying into b-quarks using the full Run 2 dataset from the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
48	Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
49	Search for exotic decays of the Higgs boson into long-lived particles in pp collisions at $\sqrt{s} = 13$ TeV using displaced vertices in the ATLAS inner detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
50	Search for chargino–neutralino pair production in final states with three leptons and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	28
51	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1.	3.9	7
52	Measurement of b-quark fragmentation properties in jets using the decay $B \rightarrow J/\psi K^{\pm}$ in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
53	Measurements of inclusive and differential cross-sections of combined $t\bar{t}\gamma$ and $tW$ production in the $e\bar{\nu}_\mu$ channel at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	3
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the $4\ell\ell$ decay channel at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	32
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	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
65	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
66	Measurements of top-quark pair spin correlations in the $t\bar{t} \mu\mu$ channel at $\sqrt{s} = 13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	22
67	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $\sqrt{s} = 13$ TeV proton-proton collisions recorded by ATLAS in Run 2 of the LHC. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
68	Higgs boson production cross-section measurements and their EFT interpretation in the $4\ell\ell$ decay channel at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	41
69	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
70	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
71	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
72	Measurement of the $Z(\nu\bar{\nu})\gamma^3$ 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

#	ARTICLE	IF	CITATIONS
73	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
74	Transverse momentum and process dependent azimuthal anisotropies in $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV p+Pb collisions with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	12
75	Measurement of $J/\psi$ 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
76	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
77	Search for $\overline{t}t$ resonances in fully hadronic final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
78	Reconstruction and identification of boosted di- $\ell$ , 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
79	Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1.	3.9	93
80	Search for electroweak production of charginos and sleptons decaying into final states with two leptons and missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	124
81	Search for top squarks in events with a Higgs or Z boson using 139 fb $^{-1}$ of pp collision data at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	4
82	Evidence for $\tau^+\tau^-$ production in the multilepton final state in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	30
83	Search for heavy diboson resonances in semileptonic final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	29
84	Search for light long-lived neutral particles produced in pp collisions at $\sqrt{s}=13$ TeV and decaying into collimated leptons or light hadrons with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	21
85	Search for a scalar partner of the top quark in the all-hadronic $t\bar{t}$ plus missing transverse momentum final state at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	36
86	Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1.	3.9	12
87	Determination of jet calibration and energy resolution in proton-proton collisions at $\sqrt{s}=8-13$ TeV using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	15
88	Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s}=13$ TeV pp collision data collected by the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	49
89	Search for long-lived neutral particles in pp collisions at $\sqrt{s}=13$ TeV that decay into displaced hadronic jets in the ATLAS calorimeter. European Physical Journal C, 2019, 79, 1.	3.9	28
90	Search for Higgs boson pair production in the $WW^{(*)}WW^{(*)}$ decay channel using ATLAS data recorded at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	21



#	ARTICLE	IF	CITATIONS
91	Search for large missing transverse momentum in association with one top-quark in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	8
92	Measurement of $W^{\pm}Z$ production cross sections and gauge boson polarisation in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	41
93	Searches for third-generation scalar leptoquarks in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	30
94	Search for scalar resonances decaying into $\frac{1}{4} + \frac{1}{4} \gamma$ in events with and without b-tagged jets produced in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	15
95	Search for diboson resonances in hadronic final states in $139 \text{ fb}^{-1}$ of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	20
96	Search for excited electrons singly produced in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS experiment at the LHC. European Physical Journal C, 2019, 79, .	3.9	4
97	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
98	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
99	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
100	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
101	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
102	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
103	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
104	Search for top-quark decays $t \rightarrow H q$ with $36 \text{ fb}^{-1}$ of pp collision data at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	19
105	Measurement of $VH$ , $\text{H} \rightarrow \text{b} \overline{\text{b}}$ 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
106	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
107	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
108	Measurements of inclusive and differential fiducial cross-sections of $\text{t} \rightarrow \gamma$ production in leptonic final states at $\sqrt{s} = 13$ TeV in ATLAS. European Physical Journal C, 2019, 79, 1.	3.9	14

#	ARTICLE	IF	CITATIONS
109	Electron and photon energy calibration with the ATLAS detector using 2015â€“2016 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P03017-P03017.	1.2	37
110	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
111	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
112	In situ calibration of large-radius jet energy and mass in $13\text{ TeV}$ protonâ€“proton collisions with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	28
113	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
114	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
115	Measurement of the top quark mass in the $t\bar{t} \rightarrow t\bar{t} \gamma^* \rightarrow t\bar{t} \mu^+ \mu^-$ . European Physical Journal C, 2019, 79, 1.	3.9	47
116	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
117	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
118	Measurement of the top-quark mass in $t\bar{t} + 1\text{-jet}$ 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
119	Measurement of fiducial and differential $W^+W^-$ production cross-sections at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	24
120	Measurement of ZZ production in the $\mu^+\mu^-\ell^+\ell^-$ 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
121	Measurement of $W^{\pm}\gamma$ -boson and Z-boson production cross-sections in pp collisions at $\sqrt{s}=2.76\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	8
122	Measurement of the inclusive cross-section for the production of jets in association with a Z boson in protonâ€“proton collisions at $8\text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	9
123	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
124	Measurement of $W^{\pm}\gamma$ boson production in Pb+Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	17
125	ATLAS b-jet identification performance and efficiency measurement with $t\bar{t}$ events in pp collisions at $\sqrt{s}=13\text{ TeV}$ . European Physical Journal C, 2019, 79, 1.	3.9	130
126	Measurement of flow harmonics correlations with mean transverse momentum in leadâ€“lead and protonâ€“lead collisions at $\sqrt{s_{\text{NN}}} = 5.02\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	36



#	ARTICLE	IF	CITATIONS
127	Measurements of top-quark pair differential and double-differential cross-sections in the $ell^+ell^- + jets$ channel with pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	34
128	Search for bottom-squark pair production with the ATLAS detector in final states containing Higgs bosons, b-jets and missing transverse momentum. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
129	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
130	Measurement of $K_S^0$ and $\Lambda^0$ 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
131	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
132	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
133	Measurement of the W-boson mass in pp collisions at $\sqrt{s}=7$ , $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 110.	3.9	218
134	Search for new phenomena in high-mass final states with a photon and a jet from pp collisions at $\sqrt{s} = s$ . European Physical Journal C, 2018, 78, 102.	3.9	13
135	Search for the direct production of charginos and neutralinos in final states with tau leptons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 154.	3.9	52
136	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ and 5.0. European Physical Journal C, 2018, 78, 142.	3.9	59
137	Measurement of quarkonium production in proton-lead and proton-proton collisions at $\sqrt{s}=5.02$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 171.	3.9	75
138	Measurement of differential cross-sections of a single top quark produced in association with a W boson at $\sqrt{s}=13$ TeV with ATLAS. European Physical Journal C, 2018, 78, 186.	3.9	20
139	Search for heavy ZZ resonances in the $ell^+ell^- + ell^+ell^- + \gamma\gamma$ and $ell^+ell^- + u\bar{u}$ final states using proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 293.	3.9	101
140	A search for pair-produced resonances in four-jet final states at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 250.	3.9	66
141	Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in 36 fb $^{-1}$ of $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
142	Search for heavy resonances decaying into WW in the $e^+e^- \rightarrow \gamma\gamma$ final state in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 24.	3.9	108
143	Direct top-quark decay width measurement in the $t\bar{t} \rightarrow \ell^+\ell^- + jets$ channel at $\sqrt{s}=8$ TeV with the ATLAS experiment. European Physical Journal C, 2018, 78, 129.	3.9	17
144	Search for W/WZ resonance production in $\gamma\gamma$ final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	31

#	ARTICLE	IF	CITATIONS
145	Measurement of the Higgs boson coupling properties in the $H \rightarrow ZZ \rightarrow 4\ell$ decay channel at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	46
146	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the $H \rightarrow aa \rightarrow 4b$ channel in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	28
147	Measurement of the $Z\gamma \rightarrow u\bar{u}\gamma$ production cross section in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector and limits on anomalous triple gauge-boson couplings. Journal of High Energy Physics, 2018, 2018, 1.	4.7	10
148	Prompt and non-prompt $J/\psi$ elliptic flow in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 784.	3.9	19
149	Search for Higgs boson pair production in the $\gamma\gamma WW \rightarrow \gamma\gamma WW$ channel using pp collision data recorded at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 1007.	3.9	53
150	Measurement of colour flow using jet-pull observables in $t\bar{t}$ events with the ATLAS experiment at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 847.	3.9	16
151	Angular analysis of $B^0 \rightarrow \pi^+ \pi^- K^+ K^-$ decays in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	76
152	Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in 36 fb <sup>-1</sup> of pp collisions at. European Physical Journal C, 2018, 78, 401.	3.9	50
153	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
154	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
155	Search for Higgs boson pair production in the $\gamma\gamma\gamma\gamma$ final state with 13 TeV pp collision data collected by the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	4.7	38
156	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
157	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
158	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
159	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
160	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
161	Operation and performance of the ATLAS Tile Calorimeter in Run 1. European Physical Journal C, 2018, 78, 987.	3.9	25
162	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

#	ARTICLE	IF	CITATIONS
163	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
164	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 fb <sup>-1</sup> of $\sqrt{s}=13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	48
165	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
166	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
167	Search for charged Higgs bosons decaying via $H^{\pm} \rightarrow \tilde{l}, \tilde{l}^{*} + \tilde{l}^{*}/2\tilde{l}$ , in the $\tilde{l}, +\text{jets}$ and $\tilde{l}, +\text{lepton}$ final states with 36 fb <sup>-1</sup> 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
168	Prompt and non-prompt $J/\psi$ and $\psi(2S)$ suppression at high transverse momentum in $5.02\text{-}\sqrt{s}$ TeV Pb+Pb collisions with the ATLAS experiment. European Physical Journal C, 2018, 78, 762.	3.9	61
169	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
170	Search for exclusive Higgs and Z boson decays to $\tilde{l}\tilde{l}^*$ and $\tilde{l}\tilde{l}^*$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	16
171	Measurements of b-jet tagging efficiency with the ATLAS detector using $t\bar{t}$ events at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
172	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
173	Measurement of the inclusive and fiducial $t\bar{t}$ production cross-sections in the. European Physical Journal C, 2018, 78, 487.	3.9	10
174	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
175	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
176	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
177	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
178	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
179	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
180	Measurement of $a_1$ polarisation in $Z/\gamma \rightarrow \mu\mu$ . European Physical Journal C, 2018, 78, 163.	3.9	7

#	ARTICLE	IF	CITATIONS
181	Searches for heavy ZZ and ZW resonances in the $\gamma\gamma$ , $\gamma\gamma$ and $\gamma\gamma/2\gamma/2\gamma$ 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
182	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
183	Measurement of differential cross sections and $W^+W^-$ 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
184	Measurement of the $\sigma(\bar{t}tZ)$ and $\sigma(\bar{t}tW)$ production cross sections in multilepton final states using 3.2 fb $^{-1}$ of $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 40.	3.9	41
185	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
186	Measurement of the inclusive cross-sections of single top-quark and top-antiquark t-channel production in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
187	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
188	Measurement of the W boson polarisation in $t\bar{t}$ events from pp collisions at $\sqrt{s}=8$ TeV in the lepton+jets channel with ATLAS. European Physical Journal C, 2017, 77, 264.	3.9	37
189	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. European Physical Journal C, 2017, 77, 195.	3.9	87
190	Measurements of top-quark pair differential cross-sections in the $e^+e^-$ channel in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2017, 77, 292.	3.9	27
191	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
192	Measurement of the prompt $J/\psi$ 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
193	Search for triboson $W^+W^-W^\pm$ production in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 141.	3.9	25
194	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490.	3.9	325
195	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
196	Measurements of electroweak $Wj$ production and constraints on anomalous gauge couplings with the ATLAS detector. European Physical Journal C, 2017, 77, 474.	3.9	26
197	Jet reconstruction and performance using particle flow with the ATLAS Detector. European Physical Journal C, 2017, 77, 466.	3.9	145
198	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

#	ARTICLE	IF	CITATIONS
199	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
200	Measurement of lepton differential distributions and the top quark mass in $t\bar{t}$ . European Physical Journal C, 2017, 77, 804.	3.9	28
201	Measurement of the $\gamma$ 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
202	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
203	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. European Physical Journal C, 2017, 77, 673.	3.9	75
204	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
205	Measurement of the ZZ production cross section in proton-proton collisions at $\sqrt{s} = 8$ TeV using the $ZZ \rightarrow \ell\ell \gamma \gamma$ , $ZZ \rightarrow \ell\ell \gamma \gamma$ , $ZZ \rightarrow \ell\ell \gamma \gamma$ , $ZZ \rightarrow \ell\ell \gamma \gamma$ , $ZZ \rightarrow \ell\ell \gamma \gamma$ , $ZZ \rightarrow \ell\ell \gamma \gamma$ , $ZZ \rightarrow \ell\ell \gamma \gamma$ , $ZZ \rightarrow \ell\ell \gamma \gamma$ , $ZZ \rightarrow \ell\ell \gamma \gamma$ , $ZZ \rightarrow \ell\ell \gamma \gamma$ decay channels with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.		
206	Probing the Wtb vertex structure in t-channel single-top-quark production and decay in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
207	Measurements of $J/\psi$ and $\chi(3872) \rightarrow J/\psi \gamma$ production in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	33
208	Measurements of top-quark pair to Z-boson cross-section ratios at $\sqrt{s} = 13, 8, 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
209	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
210	Performance of the ATLAS trigger system in 2015. European Physical Journal C, 2017, 77, 317.	3.9	489
211	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
212	Measurements of the production cross section of a $ZZ$ Z boson in association with jets in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 361.	3.9	47
213	Precision measurement and interpretation of inclusive $W^+W^-$ , $W^+W^-$ . European Physical Journal C, 2017, 77, 367.	3.9	145
214	Measurement of jet fragmentation in Pb+Pb and pp collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 379.	3.9	51
215	Search for dark matter at $\sqrt{s} = 13$ TeV in final states containing an energetic photon and large missing transverse momentum with the ATLAS detector. European Physical Journal C, 2017, 77, 393.	3.9	80
216	Measurement of charged-particle distributions sensitive to the underlying event in $\sqrt{s} = 13$ TeV proton-proton collisions with the ATLAS detector at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14



#	ARTICLE	IF	CITATIONS
217	Search for direct top squark pair production in final states with two leptons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 898.	3.9	50
218	Search for direct top squark pair production in events with a Higgs or Z boson, and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	8
219	Measurement of detector-corrected observables sensitive to the anomalous production of events with jets and large missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. European Physical Journal C, 2017, 77, 765.	3.9	19
220	Measurement of b-hadron pair production with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	8
221	Search for supersymmetry in events with b-tagged jets and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
222	Measurement of the inclusive jet cross-sections in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	23
223	Search for pair production of vector-like top quarks in events with one lepton, jets, and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	38
224	Identification and rejection of pile-up jets at high pseudorapidity with the ATLAS detector. European Physical Journal C, 2017, 77, 580.	3.9	35
225	Measurement of $WW/WZ \rightarrow \ell \ell \nu \bar{\nu} q \bar{q}'$ production with the hadronically decaying boson reconstructed as one or two jets in pp collisions at $\sqrt{s} = 8$ TeV with ATLAS, and constraints on anomalous gauge couplings. European Physical Journal C, 2017, 77, 563.	3.9	28
226	Search for new phenomena in a lepton plus high jet multiplicity final state with the ATLAS experiment using $\sqrt{s} = 13$ TeV proton-proton collision data. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
227	Searches for the $Z\tilde{\chi}^0_1$ decay mode of the Higgs boson and for new high-mass resonances in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	30
228	Studies of $Z\tilde{\chi}^0_1$ production in association with a high-mass dijet system in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
229	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	16
230	Search for top quark decays $t \rightarrow qH$ , with $H \rightarrow \tilde{\chi}^0_1 \tilde{\chi}^0_1$ , in $\sqrt{s} = 13$ TeV pp collisions using the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	18
231	Study of $WW\gamma$ and $WZ\gamma$ production in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 646.	3.9	30
232	Measurements of top quark spin observables in $t\bar{t} \rightarrow \ell\bar{\ell} \gamma$ events using dilepton final states in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	20
233	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
234	Top-quark mass measurement in the all-hadronic $t\bar{t} \rightarrow \ell\bar{\ell} \gamma$ decay channel at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	16



#	ARTICLE	IF	CITATIONS
235	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
236	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
237	Search for supersymmetry in final states with two same-sign or three leptons and jets using $36 \text{ fb}^{-1}$ of $\sqrt{s} = 13 \text{ TeV}$ pp collision data with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	31
238	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
239	Measurement of the $k_t$ splitting scales in $Z \rightarrow \tau^+ \tau^-$ 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
240	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
241	Evidence for the $H \rightarrow b \bar{b}$ decay with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	64
242	Search for new high-mass phenomena in the dilepton final state using $36 \text{ fb}^{-1}$ of proton-proton collision data at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	168
243	Determination of the strong coupling constant $\alpha_s$ from transverse energy-energy correlations in multijet events at $\sqrt{s} = 8 \text{ TeV}$ . European Physical Journal C, 2017, 77, 872.	3.9	32
244	Study of hard double-parton scattering in four-jet events in pp collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$ with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.	4.7	30
245	Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in $s = 8 \sqrt{s} = 8 \text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	10
246	Measurement of event-shape observables in $Z \rightarrow \ell^+ \ell^-$ events in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 375.	3.9	15
247	Charged-particle distributions in pp interactions at $\sqrt{s} = 8 \text{ TeV}$ measured with the ATLAS detector. European Physical Journal C, 2016, 76, 403.	3.9	30
248	Charged-particle distributions at low transverse momentum in $\sqrt{s} = 13 \text{ TeV}$ pp interactions measured with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 502.	3.9	61
249	Search for bottom squark pair production in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 547.	3.9	37
250	Search for minimal supersymmetric standard model Higgs Bosons $H/A$ and for a $Z'^2$ boson in the $\tau^+ \tau^-$ final state produced in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 585.	3.9	51
251	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
252	Measurement of the $b \bar{b}$ dijet cross section in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 670.	3.9	12

#	ARTICLE	IF	CITATIONS
253	The performance of the jet trigger for the ATLAS detector during 2011 data taking. European Physical Journal C, 2016, 76, 526.	3.9	21
254	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
255	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
256	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
257	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
258	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
259	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $s=8\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	44
260	Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at $s=8\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	71
261	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
262	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
263	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
264	Search for charged Higgs bosons in the $H^{\pm} \rightarrow t\bar{b}$ decay channel in pp collisions at $s=8\sqrt{s}=8$ TeV using the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	43
265	Study of the rare decays of $B^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ 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
266	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
267	Search for resonances in diphoton events at $s=13\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	70
268	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
269	Measurement of the relative width difference of the $B^0 \rightarrow B^0$ system with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
270	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. European Physical Journal C, 2016, 76, 295.	3.9	50

#	ARTICLE	IF	CITATIONS
271	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
272	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
273	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
274	Measurement of the transverse momentum and $\phi^*_{\ell\ell}$ 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
275	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to $WW \rightarrow e^+e^-l^+l^-$ with the ATLAS detector at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
276	Search for new phenomena in events with a photon and missing transverse momentum in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	20
277	A search for top squarks with R-parity-violating decays to all-hadronic final states with the ATLAS detector in $\sqrt{s}=8$ TeV proton-proton collisions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
278	Identification of high transverse momentum top quarks in $pp$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
279	A search for an excited muon decaying to a muon and two jets in $pp$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. New Journal of Physics, 2016, 18, 073021.	2.9	2
280	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
281	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in $pp$ collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. European Physical Journal C, 2016, 76, 538.	3.9	115
282	Measurement of the differential cross-sections of prompt and non-prompt production of $J/\psi$ and $\psi(2S)$ in $pp$ collisions at $\sqrt{s}=7$ and $8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 283.	3.9	63
283	Luminosity determination in $pp$ collisions at $\sqrt{s}=8$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 653.	3.9	279
284	Search for squarks and gluinos in events with hadronically decaying tau leptons, jets and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV recorded with the ATLAS detector. European Physical Journal C, 2016, 76, 683.	3.9	11
285	Addendum to "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, 2016, 76, 1.	3.9	19
286	Measurement of the angular coefficients in Z-boson events using electron and muon pairs from data taken at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33
287	Searches for heavy diboson resonances in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	25
288	Dark matter interpretations of ATLAS searches for the electroweak production of supersymmetric particles in $\sqrt{s}=8$ TeV proton-proton collisions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	16

#	ARTICLE	IF	CITATIONS
289	Search for the Standard Model Higgs boson decaying into $b\bar{b}$ produced in association with top quarks decaying hadronically in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	21
290	Measurement of the CP-violating phase $\arg(\lambda)$ and the $B_s^0$ meson decay width difference with $B_s^0 \rightarrow \mu^+\mu^-$ decays in ATLAS. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
291	Search for squarks and gluinos in final states with jets and missing transverse momentum at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 392.	3.9	73
292	Measurement of the double-differential high-mass Drell-Yan cross section in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	38
293	A search for prompt lepton-jets in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	31
294	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
295	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
296	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
297	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
298	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
299	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
300	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
301	Probing lepton flavour violation via neutrinoless $\mu \rightarrow 3e$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 232.	3.9	19
302	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
303	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
304	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
305	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
306	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

#	ARTICLE	IF	CITATIONS
307	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
308	Measurements of fiducial cross-sections for $t\bar{t}\hat{A}^-$ 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
309	Study of the $B_c^+ \rightarrow J/\psi D_s^+ B_c + \hat{A}^+ J/\psi D_s +$ and $B_c^+ \rightarrow J/\psi D_s^+ B_c + \hat{A}^+ J/\psi D_s^+ \hat{A}^-$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 4.	3.9	40
310	Search for an additional, heavy Higgs boson in the $H \rightarrow ZZ H \hat{A}^+ Z Z$ 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
311	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
312	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
313	Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at $s=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	4
314	A search for high-mass resonances decaying to $\tilde{l}, \tilde{l}^*, \tilde{a}^0$ in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	23
315	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
316	Search for lepton-flavour-violating $H \hat{A}^+ \hat{A}^-/4\tilde{l}$ , decays of the Higgs boson with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	52
317	Measurement of four-jet differential cross sections in $s=8$ TeV proton-proton collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-76.	4.7	11
318	A search for $t\bar{t}\hat{A}^-$ resonances using lepton-plus-jets events in proton-proton collisions at $s=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	66
319	Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at $s=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	28
320	Measurement of charged-particle spectra in Pb+Pb collisions at $s_{NN}=2.76$ TeV with the ATLAS detector at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	67
321	Analysis of events with b-jets and a pair of leptons of the same charge in pp collisions at $s=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
322	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
323	Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at $s=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-39.	4.7	78
324	Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at $s=7$ TeV in the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	40



#	ARTICLE	IF	CITATIONS
325	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	84
326	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at $s = 8$ $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	71
327	Search for new phenomena in events with three or more charged leptons in pp collisions at $s = 8$ $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	20
328	Summary of the searches for squarks and gluinos using $s = 8$ $\sqrt{s}=8$ TeV pp collisions with the ATLAS experiment at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
329	Determination of the top-quark pole mass using $t \bar{t} \rightarrow \text{lepton} + 1\text{-jet}$ events collected with the ATLAS experiment in 7 TeV pp collisions. Journal of High Energy Physics, 2015, 2015, 1.	4.7	25
330	Measurement of the $t \bar{t} \rightarrow W \text{lepton} + 1\text{-jet}$ and $t \bar{t} \rightarrow Z \text{lepton} + 1\text{-jet}$ production cross sections in pp collisions at $s = 8$ $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	22
331	Search for flavour-changing neutral current top quark decays $t \rightarrow H q$ in pp collisions at $s = 8$ $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-65.	4.7	19
332	Search for heavy lepton resonances decaying to a Z boson and a lepton in pp collisions at $s = 8$ $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	36
333	Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at $s = 8$ $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	42
334	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
335	Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at $s = 7$ $\sqrt{s}=7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	17
336	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
337	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
338	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
339	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
340	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
341	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
342	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



#	ARTICLE	IF	CITATIONS
343	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
344	Search for resonant diboson production in the $q\bar{q} \rightarrow \ell\ell$ final state in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	3.9	74
345	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
346	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
347	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
348	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
349	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
350	Search for the $b\bar{b} \rightarrow \text{H}$ 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
351	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
352	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
353	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \tau^-$ in fully hadronic final states using $pp$ collision data at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	69
354	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
355	Performance of the ATLAS muon trigger in $pp$ collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 120.	3.9	62
356	Search for Higgs boson pair production in the $b\bar{b} \rightarrow b\bar{b} \text{H}$ final state from $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 412.	3.9	90
357	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
358	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
359	Search for a new resonance decaying to a $W$ or $Z$ boson and a Higgs boson in the $\ell\ell u \bar{u} / \ell\ell u \bar{u} + b\bar{b} \text{H}$ final states with the ATLAS detector. European Physical Journal C, 2015, 75, 263.	3.9	60
360	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

#	ARTICLE	IF	CITATIONS
361	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
362	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
363	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
364	Observation and measurements of the production of prompt and non-prompt $\Upsilon$ 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
365	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
366	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
367	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
368	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
369	Measurement of the top quark mass in the $t\bar{t} \rightarrow \text{lepton} + \text{jets}$ and $t\bar{t} \rightarrow \text{dilepton}$ dilepton channels using $\sqrt{s}=7$ TeV ATLAS data. European Physical Journal C, 2015, 75, 330.	3.9	52
370	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
371	Measurement of the inclusive jet cross-section in proton-proton collisions at $(\sqrt{s}=7)$ TeV using 4.5 fb <sup>-1</sup> of data with the ATLAS detector. , 2015, 2015, 1.		3
372	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. , 2015, 75, 1.		3
373	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. , 2015, 75, 1.		3
374	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
375	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
376	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
377	A measurement of the ratio of the production cross sections for WW and ZZ bosons in association with jets with the ATLAS detector. European Physical Journal C, 2014, 74, 3168.	3.9	23
378	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

#	ARTICLE	IF	CITATIONS
379	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb <sup>-1</sup> of s $\sqrt{s}$ = 8 TeV proton-proton collision data with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	12
380	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using s $\sqrt{s}$ = 8 TeV proton-proton collision data. Journal of High Energy Physics, 2014, 2014, 1.	4.7	128
381	Measurement of the $\sigma(t\bar{t}\hat{A}^-)$ production cross-section using $\sigma(e^+e^- \rightarrow b\bar{b})$ 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
382	Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in s $\sqrt{s}$ = 8 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	66
383	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
384	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. European Physical Journal C, 2014, 74, 1.	3.9	172
385	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
386	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3157.	3.9	68
387	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
388	Search for direct pair production of the top squark in all-hadronic final states in proton-proton collisions at s $\sqrt{s}$ = 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	41
389	Measurement of the production cross-section of $\tilde{t}(2S) \rightarrow J/\psi(\psi' + \psi) \tilde{t} + \tilde{t}^* \rightarrow J/\psi(\psi' + \psi) \tilde{t}^*$ in pp collisions at s $\sqrt{s}$ = 7 TeV at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	21
390	Measurement of the $Z/\tilde{A}^0$ boson transverse momentum distribution in pp collisions at s $\sqrt{s}$ = 7 TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	131
391	Search for strong production of supersymmetric particles in final states with missing transverse momentum and at least three b-jets at s $\sqrt{s}$ = 8 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	38
392	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
393	Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at s $\sqrt{s}$ = 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	47
394	Search for pair and single production of new heavy quarks that decay to a Z boson and a third-generation quark in pp collisions at s $\sqrt{s}$ = 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
395	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
396	Search for the direct production of charginos, neutralinos and staus in final states with at least two hadronically decaying taus and missing transverse momentum in pp collisions at s $\sqrt{s}$ = 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	40

#	ARTICLE	IF	CITATIONS
397	The differential production cross section of the $\phi(1020)$ meson in $\sqrt{s} = 7\text{ TeV}$ $pp$ collisions measured with the ATLAS detector. European Physical Journal C, 2014, 74, 2895.	3.9	13
398	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
399	Measurement of the underlying event in jet events from $\sqrt{s} = 7\text{ TeV}$ proton-proton collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 1.	3.9	23
400	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2014, 74, 2982.	3.9	22
401	Light-quark and gluon jet discrimination in $pp$ collisions at $\sqrt{s} = 7\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2014, 74, 3023.	3.9	77
402	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 $\sqrt{s} = 8\text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	22
403	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $\sqrt{s} = 8\text{ TeV}$ $pp$ collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	88
404	Measurement of the production cross section of prompt $J/\psi$ mesons in association with a $W^{\pm}$ boson in $pp$ collisions at $\sqrt{s} = 7\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
405	Measurement of dijet cross-sections in $pp$ collisions at $7\text{ TeV}$ centre-of-mass energy using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	36
406	Measurement of the production of a W boson in association with a charm quark in $pp$ collisions at $\sqrt{s} = 7\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	59
407	Search for direct production of charginos, neutralinos and sleptons in final states with two leptons and missing transverse momentum in $pp$ collisions at $\sqrt{s} = 8\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	145
408	Search for supersymmetry at $\sqrt{s} = 8\text{ TeV}$ 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
409	Measurement of the low-mass Drell-Yan differential cross section at $\sqrt{s} = 7\text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
410	Search for direct top-squark pair production in final states with two leptons in $pp$ collisions at $\sqrt{s} = 8\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	59
411	Measurement of $c1$ and $c2$ production with $\sqrt{s} = 7\text{ TeV}$ $pp$ collisions at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	32
412	Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at $\sqrt{s} = 8\text{ TeV}$ . Journal of High Energy Physics, 2014, 2014, 1.	4.7	10
413	Search for new particles in events with one lepton and missing transverse momentum in $pp$ collisions at $\sqrt{s} = 8\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	45
414	Search for direct top squark pair production in events with a $Z$ boson, $b$ -jets and missing transverse momentum in $\sqrt{s} = 8\text{ TeV}$ $pp$ collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 2883.	3.9	55

#	ARTICLE	IF	CITATIONS
415	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
416	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
417	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
418	Measurement of $D^*\hat{\Lambda}^\pm$ production in deep inelastic scattering at HERA. Journal of High Energy Physics, 2013, 2013, 1.	4.7	8
419	Measurement of $D \hat{\Lambda}^\pm$ production in deep inelastic ep scattering with the ZEUS detector at HERA. Journal of High Energy Physics, 2013, 2013, 1.	4.7	8
420	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
421	Measurement of ZZ production in pp collisions at $\sqrt{s}=7$ TeV and limits on anomalous ZZZ and ZZ $\hat{1}^3$ couplings with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	61
422	Search for charged Higgs bosons through the violation of lepton universality in $\overline{t}t$ 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
423	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
424	Measurement of inelastic $J/\psi$ and $\Upsilon$ photoproduction at HERA. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7
425	Measurement of k T splitting scales in $W\hat{t}^*\hat{a}, \hat{t}^{1/2}$ events at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	3.9	19
426	Search for a light charged Higgs boson in the decay channel $H^{\pm} \rightarrow c\bar{s}$ 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
427	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
428	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
429	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
430	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
431	Measurement of charm fragmentation fractions in photoproduction at HERA. Journal of High Energy Physics, 2013, 2013, 1.	4.7	23
432	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

[illegible]



#	ARTICLE	IF	CITATIONS
451	A Large Hadron Electron Collider at CERN Report on the Physics and Design Concepts for Machine and Detector. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 075001.	3.6	406
452	Histogram comparison tools for the search of new physics at LHC. Application to the CMSSM. Journal of High Energy Physics, 2012, 2012, 1.	4.7	5
453	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
454	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
455	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
456	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in $4.7 \text{ fb}^{-1}$ of $\sqrt{s} = 7, \text{TeV}$ proton-proton collisions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	53
457	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
458	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
459	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
460	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
461	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
462	Search for high-mass resonances decaying to dilepton final states in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	54
463	Search for anomalous production of prompt like-sign lepton pairs at $\sqrt{s} = 7, \text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	17
464	Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $\sqrt{s} = 7, \text{TeV}$ pp collisions at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	48
465	Search for R-parity-violating supersymmetry in events with four or more leptons in $\sqrt{s} = 7, \text{TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	13
466	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
467	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	3.9	100
468	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at $\sqrt{s} = 7, \text{TeV}$ . European Physical Journal C, 2012, 72, 1.	3.9	13

#	ARTICLE	IF	CITATIONS
469	Measurement of $t\bar{t}$ production with a veto on additional central jet activity in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. European Physical Journal C, 2012, 72, 2043.	3.9	109
470	A search for $t\bar{t}$ resonances with the ATLAS detector in $2.05\text{ fb}^{-1}$ of proton-proton collisions at $\sqrt{s} = 7\text{ TeV}$ . European Physical Journal C, 2012, 72, 2083.	3.9	25
471	Search for second generation scalar leptoquarks in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	37
472	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
473	Measurement of $W\pm Z$ production in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	59
474	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
475	Combined inclusive diffractive cross sections measured with forward proton spectrometers in deep inelastic ep scattering at HERA. European Physical Journal C, 2012, 72, 1.	3.9	33
476	Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at $\sqrt{s}=7\text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	3.9	22
477	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
478	Search for light scalar top-quark pair production in final states with two leptons with the ATLAS detector in $\sqrt{s}=7\text{ TeV}$ proton-proton collisions. European Physical Journal C, 2012, 72, 1.	3.9	31
479	ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at $\sqrt{s} = 7\text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	3.9	36
480			

[illegible]

#	ARTICLE	IF	CITATIONS
505	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
506	Search for diphoton events with large missing transverse energy with 36 pb <sup>-1</sup> of 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	15
507	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
508	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
509	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb <sup>-1</sup> of ATLAS data. European Physical Journal C, 2011, 71, 1.	3.9	14
510	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
511	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
512	Study of taupair production at HERA. Journal of High Energy Physics, 2011, 2011, 1.	4.7	1
513	Measurement of $W\ell^3$ and $Z\ell^3$ 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
514	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
515	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
516	Measurement of charm and beauty production in deep inelastic ep scattering from decays into muons at HERA. European Physical Journal C, 2010, 65, 65-79.	3.9	46
517	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 723-753.	3.9	61
518	The ATLAS Inner Detector commissioning and calibration. European Physical Journal C, 2010, 70, 787-821.	3.9	95
519	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. European Physical Journal C, 2010, 70, 755-785.	3.9	51
520	Commissioning of the ATLAS Muon Spectrometer with cosmic rays. European Physical Journal C, 2010, 70, 875-916.	3.9	23
521	Measurement of beauty production in DIS and extraction at ZEUS. European Physical Journal C, 2010, 69, 347-360.	3.9	19
522	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	3.9	1,187

#	ARTICLE	IF	CITATIONS
523	Measurement of high-Q <sup>2</sup> charged current deep inelastic scattering cross sections with a longitudinally polarised positron beam at HERA. European Physical Journal C, 2010, 70, 945-963.	3.9	29
524	Inclusive dijet cross sections in neutral current deep inelastic scattering at HERA. European Physical Journal C, 2010, 70, 965-982.	3.9	27
525	Readiness of the ATLAS Tile Calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 1193-1236.	3.9	121
526	Combined measurement and QCD analysis of the inclusive $e^+p$ scattering cross sections at HERA. Journal of High Energy Physics, 2010, 2010, 1.	4.7	458
527	Events with an isolated lepton and missing transverse momentum and measurement of W production at HERA. Journal of High Energy Physics, 2010, 2010, 1.	4.7	8
528	Measurement of $J/\psi$ photoproduction at large momentum transfer at HERA. Journal of High Energy Physics, 2010, 2010, 1.	4.7	12
529	Scaled momentum spectra in deep inelastic scattering at HERA. Journal of High Energy Physics, 2010, 2010, 1.	4.7	2
530	Performance of the ATLAS detector using first collision data. Journal of High Energy Physics, 2010, 2010, 1.	4.7	18
531	Measurement of $D^+$ and $\bar{D}^0$ production in deep inelastic scattering at HERA. Journal of High Energy Physics, 2010, 2010, 1.	4.7	5
532	Measurement of the $W^+ \rightarrow \ell^+ \nu_\ell$ and $Z \rightarrow \ell^+ \ell^-$ 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
533	Measurement of isolated photon production in deep inelastic ep scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 16-25.	4.1	45
534	Measurement of dijet photoproduction for events with a leading neutron at HERA. Nuclear Physics B, 2010, 827, 1-33.	2.5	7
535	A QCD analysis of ZEUS diffractive data. Nuclear Physics B, 2010, 831, 1-25.	2.5	62
536	Search for events with an isolated lepton and missing transverse momentum and a measurement of W production at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 106-115.	4.1	10
537	Exclusive photoproduction of $\bar{D}^0$ mesons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 4-12.	4.1	70
538	Multi-lepton production at high transverse momentum at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 13-23.	4.1	7
539	Measurement of the longitudinal proton structure function at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 682, 8-22.	4.1	62
540	Production of excited charm and charm-strange mesons at HERA. European Physical Journal C, 2009, 60, 25-45.	3.9	28

#	ARTICLE	IF	CITATIONS
541	Measurement of charged current deep inelastic scattering cross sections with a longitudinally polarised electron beam at HERA. European Physical Journal C, 2009, 61, 223-235.	3.9	28
542	Measurement of high-Q <sup>2</sup> neutral current deep inelastic e <sup>+</sup> p scattering cross sections with a longitudinally polarised electron beam at HERA. European Physical Journal C, 2009, 62, 625-658.	3.9	30
543	Measurement of D <sup>±</sup> and D <sup>0</sup> production in deep inelastic scattering using a lifetime tag at HERA. European Physical Journal C, 2009, 63, 171-188.	3.9	47
544	Subjet distributions in deep inelastic scattering at HERA. European Physical Journal C, 2009, 63, 527-548.	3.9	7
545	Deep inelastic scattering with leading protons or large rapidity gaps at HERA. Nuclear Physics B, 2009, 816, 1-61.	2.5	57
546	Diffraction photoproduction of dijets in ep collisions at HERA. European Physical Journal C, 2008, 55, 177-191.	3.9	41
547	Three- and four-jet final states in photoproduction at HERA. Nuclear Physics B, 2008, 792, 1-47.	2.5	20
548	Deep inelastic inclusive and diffractive scattering at $\sqrt{s} = 276$ GeV. Values from 25 to 320 GeV <sup>2</sup> with the ZEUS forward plug calorimeter. Nuclear Physics B, 2008, 800, 1-76.	2.5	27
549	Multijet cross sections in charged current e <sup>±</sup> p scattering at HERA. Physical Review D, 2008, 78, .	4.7	6
550	Beauty photoproduction using decays into electrons at HERA. Physical Review D, 2008, 78, .	4.7	12
551	Inclusive K <sup>±</sup> S <sup>±</sup> Production in e <sup>±</sup> p Collisions at HERA. Physical Review Letters, 2008, 101, 112003.	7.8	9
552	Substructure of jets in neutral-current deep inelastic scattering at HERA. Journal of Physics: Conference Series, 2008, 110, 022051.	0.4	0
553	High-ET dijet photoproduction at HERA. Physical Review D, 2007, 76, .	4.7	14
554	Event shapes in deep inelastic scattering at HERA. Nuclear Physics B, 2007, 767, 1-28.	2.5	26
555	Inclusive-jet and dijet cross sections in deep inelastic scattering at HERA. Nuclear Physics B, 2007, 765, 1-30.	2.5	65
556	Leading neutron energy and distributions in deep inelastic scattering and photoproduction at HERA. Nuclear Physics B, 2007, 776, 1-37.	2.5	36
557	Multijet production at low in deep inelastic scattering at HERA. Nuclear Physics B, 2007, 786, 152-180.	2.5	17
558	Measurement of (anti)deuteron and (anti)proton production in DIS at HERA. Nuclear Physics B, 2007, 786, 181-205.	2.5	18



#	ARTICLE	IF	CITATIONS
559	Jet-radius dependence of inclusive-jet cross sections in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 649, 12-24.	4.1	31
560	Measurement of meson production in scattering at low. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 649, 111-121.	4.1	7
561	Bose-Einstein correlations of charged and neutral kaons in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 652, 1-12.	4.1	10
562	Measurement of prompt photons with associated jets in photoproduction at HERA. European Physical Journal C, 2007, 49, 511-522.	3.9	24
563	Measurement of neutral current cross sections at high Bjorken-x with the ZEUS detector at HERA. European Physical Journal C, 2007, 49, 523-544.	3.9	4
564	Search for stop production in R-parity-violating supersymmetry at HERA. European Physical Journal C, 2007, 50, 269.	3.9	18
565	Photoproduction of events with rapidity gaps between jets at HERA. European Physical Journal C, 2007, 50, 283-297.	3.9	10
566	Measurement of open beauty production at HERA in the $D^{*1/4}$ final state. European Physical Journal C, 2007, 50, 299-314.	3.9	19
567	Measurement of $K^0_S$ , $\Lambda^0$ and $\bar{\Lambda}^0$ production at HERA. European Physical Journal C, 2007, 51, 1-23.	3.9	17
568	Measurement of azimuthal asymmetries in neutral current deep inelastic scattering at HERA. European Physical Journal C, 2007, 51, 289-299.	3.9	13
569	Diffraction photoproduction of $D^{*0}$ at HERA. European Physical Journal C, 2007, 51, 301-315.	3.9	18
570	Forward-jet production in deep inelastic ep scattering at HERA. European Physical Journal C, 2007, 52, 515-530.	3.9	12
571	Dijet production in diffractive deep inelastic scattering at HERA. European Physical Journal C, 2007, 52, 813-832.	3.9	31
572	Forward jet production in deep inelastic ep scattering and low-x parton dynamics at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 632, 13-26.	4.1	21
573	$\text{xmlns:xocs= "http://www.elsevier.com/xml/xocs/dtd" xmlns:xs= "http://www.w3.org/2001/XMLSchema"}$ $\text{xmlns:xsi= "http://www.w3.org/2001/XMLSchema-instance" xmlns= "http://www.elsevier.com/xml/ja/dtd"}$ $\text{xmlns:ja= "http://www.elsevier.com/xml/ja/dtd" xmlns:mml= "http://www.w3.org/1998/Math/MathML"}$ $\text{xmlns:tb= "http://www.elsevier.com/xml/common/table/dtd"}$ $\text{xmlns:tbl_struct= "http://www.elsevier.com/xml/common/struct-bib/dtd"}$ $\text{xmlns:struct-bib= "http://www.elsevier.com/xml/common/struct-bib/dtd"}$	4.1	17
574	Study of the pion trajectory in the photoproduction of leading neutrons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 610, 199-211.	4.1	15
575	Search for pentaquarks decaying to $\Lambda^0$ in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 610, 212-224.	4.1	22
576	Study of deep inelastic inclusive and diffractive scattering with the ZEUS forward plug calorimeter. Nuclear Physics B, 2005, 713, 3-80.	2.5	77

#	ARTICLE	IF	CITATIONS
577	Exclusive electroproduction of $\bar{\nu}$ mesons at HERA. Nuclear Physics B, 2005, 718, 3-31.	2.5	83
578	Inclusive jet cross sections and dijet correlations in photoproduction at HERA. Nuclear Physics B, 2005, 729, 492-525.	2.5	26
579	Bottom photoproduction measured using decays into muons in dijet events in ep collisions at $s=318\text{ GeV}$ . Physical Review D, 2004, 70, .	4.7	31
580	Measurement of $D^*\Lambda$ production in deep inelastic $e^+p$ scattering at DESY HERA. Physical Review D, 2004, 69, .	4.7	94
581	High- $Q^2$ neutral current cross sections in $e^+p$ deep inelastic scattering at $s=318\text{ GeV}$ . Physical Review D, 2004, 70, .	4.7	50
582	Observation of $K_S^0 K_S^0$ resonances in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 578, 33-44.	4.1	8
583	Isolated tau leptons in events with large missing transverse momentum at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 41-58.	4.1	11
584	Bose-Einstein correlations in one and two dimensions in deep inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 231-246.	4.1	10
585	Photoproduction of $D^+ \Lambda^-$ mesons associated with a leading neutron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 590, 143-160.	4.1	15
586	Search for contact interactions, large extra dimensions and finite quark radius in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 591, 23-41.	4.1	30
587	Evidence for a narrow baryonic state decaying to $K^0 \pi^0$ and $K^0 \pi^0$ , in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 591, 7-22.	4.1	162
588	Observation of isolated high-ET photons in deep inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 86-100.	4.1	22
589	Measurement of beauty production in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 599, 173-189.	4.1	38
590	Exclusive electroproduction of $J/\psi$ mesons at HERA. Nuclear Physics B, 2004, 695, 3-37.	2.5	164
591	Substructure dependence of jet cross sections at HERA and determination of. Nuclear Physics B, 2004, 700, 3-50.	2.5	13
592	Measurement of deeply virtual Compton scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 573, 46-62.	4.1	143
593	Study of the azimuthal asymmetry of jets in neutral current deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 551, 226-240.	4.1	12
594	Observation of the strange sea in the proton via inclusive $\bar{\nu}$ -meson production in neutral current deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 553, 141-158.	4.1	7

#	ARTICLE	IF	CITATIONS
595	Measurement of subjet multiplicities in neutral current deep inelastic scattering at HERA and determination of $\hat{\Gamma}_{\pm}$ s. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 558, 41-58.	4.1	31
596	Search for single-top production in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 559, 153-170.	4.1	79
597	Scaling violations and determination of $\hat{\Gamma}_{\pm}$ s from jet production in $\hat{\Gamma}^3p$ interactions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 560, 7-23.	4.1	25
598	Dijet angular distributions in photoproduction of charm at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 87-101.	4.1	21
599	Measurement of the open-charm contribution to the diffractive proton structure function. Nuclear Physics B, 2003, 672, 3-35.	2.5	43
600	Leading proton production in e+p collisions at HERA. Nuclear Physics B, 2003, 658, 3-46.	2.5	33
601	Search for resonance decays to lepton+jet at DESY HERA and limits on leptoquarks. Physical Review D, 2003, 68, .	4.7	37
602	ZEUS next-to-leading-order QCD analysis of data on deep inelastic scattering. Physical Review D, 2003, 67, .	4.7	139
603	Search for lepton-flavor violation in e+pcollisions at DESY HERA. Physical Review D, 2002, 65, .	4.7	6
604	Properties of hadronic final states in diffractive deep inelastic scattering at DESY HERA. Physical Review D, 2002, 65, .	4.7	7
605	Measurement of the photon+proton total cross section at a center-of-mass energy of 209 GeV at HERA. Nuclear Physics B, 2002, 627, 3-28.	2.5	51
606	Leading neutron production in e+p collisions at HERA. Nuclear Physics B, 2002, 637, 3-56.	2.5	80
607	High-mass dijet cross sections in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 9-27.	4.1	23
608	Measurement of high-Q <sup>2</sup> charged current cross sections in e <sup>+</sup> p deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 539, 197-217.	4.1	45
609	Measurement of diffractive production of D <sup>±</sup> mesons in deep-inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 545, 244-260.	4.1	10
610	Inclusive jet cross sections in the Breit frame in neutral current deep inelastic scattering at HERA and determination of $\hat{\Gamma}_{\pm}$ s. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 164-180.	4.1	83
611	Searches for excited fermions in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 549, 32-47.	4.1	29
612	Measurement of dijet cross sections for events with a leading neutron in photoproduction at HERA. Nuclear Physics B, 2001, 596, 3-29.	2.5	20

#	ARTICLE	IF	CITATIONS
613	Measurement of dijet production in neutral current deep inelastic scattering at high $Q^2$ and determination of $\hat{\sigma}_s$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 507, 70-88.	4.1	33
614	Multiplicity moments in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 510, 36-54.	4.1	12
615	Study of the effective transverse momentum of partons in the proton using prompt photons in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 511, 19-32.	4.1	27
616	Three-jet production in diffractive deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 516, 273-292.	4.1	9
617	Search for resonance decays to $a_1^{1/2}\pi$ plus jet in $e^+p$ scattering at DESY HERA. Physical Review D, 2001, 63, .	4.7	12
618	The $Q^2$ dependence of dijet cross sections in $\hat{\sigma}_p$ interactions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 37-52.	4.1	17
619	Measurement of azimuthal asymmetries in deep inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 481, 199-212.	4.1	42
620	Measurement of inclusive $(D_s^\pm)$ photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 481, 213-227.	4.1	34
621	Measurement of the proton structure function $F_2$ at very low $Q^2$ at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 53-73.	4.1	155
622	Measurement of exclusive $\gamma^* \rightarrow e^+e^-$ electroproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 273-288.	4.1	51
623	$W$ production and the search for events with an isolated high-energy lepton and missing transverse momentum at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 471, 411-428.	4.1	21
624	Measurement of inclusive prompt photon photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 472, 175-188.	4.1	35
625	Measurement of the $E_T \text{jet}^2/Q^2$ dependence of forward-jet production at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 474, 223-233.	4.1	16
626	Diffractive production of jets and weak bosons and tests of hard-scattering factorization. Physical Review D, 1999, 59, .	4.7	61
627	Diffractive dijet cross sections in photoproduction at HERA. European Physical Journal C, 1998, 5, 41-56.	3.9	7
628	Event shape analysis of deep inelastic scattering events with a large rapidity gap at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 421, 368-384.	4.1	25
629	Search for selectron and squark production in $e^+p$ collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 214-230.	4.1	5
630	Measurement of elastic $\gamma^* \rightarrow e^+e^-$ photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 437, 432-444.	4.1	94

#	ARTICLE	IF	CITATIONS
631	Measurement of three-jet distributions in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 443, 394-408.	4.1	23
632	Measurement of the diffractive structure function $F_2^D(4)$ at HERA. European Physical Journal C, 1998, 1, 81-96.	3.9	63
633	Measurement of the diffractive structure function. European Physical Journal C, 1998, 1, 81.	3.9	59
634	Diffractive dijet cross sections in photoproduction at HERA. European Physical Journal C, 1998, 5, 41.	3.9	24
635	Diffractive parton distribution functions and factorization tests. , 1997, , .		1
636	Measurement of the proton structure function $F_2$ and at low and very low $x$ at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 432-448.	4.1	129
637	Comparison of ZEUS data with standard model predictions for $e^+p \rightarrow e^+X$ scattering at high $s$ and $Q^2$ . Zeitschrift für Physik C-Particles and Fields, 1997, 74, 207-220.	1.5	131
638	Differential cross sections of photoproduction in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 192-206.	4.1	19
639	production in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 402-418.	4.1	91
640	Observation of isolated high-ET photons in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 413, 201-216.	4.1	25
641	Observation of scaling violations in scaled momentum distributions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 428-443.	4.1	11
642	Inclusive charged particle distributions in deep inelastic scattering events at HERA. Zeitschrift für Physik C-Particles and Fields, 1996, 70, 1-15.	1.5	35
643	Measurement of the $F_2$ structure function in deep inelastic $e^+p$ scattering using 1994 data from the ZEUS detector at HERA. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 399-424.	1.5	137
644	Study of charged $\pi^0$ currentep interactions at $Q^2 > 200 \text{ GeV}^2$ with the ZEUS detector at HERA. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 47-64.	1.5	19
645	Rapidity gaps between jets in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 369, 55-68.	4.1	56
646	Measurement of elastic $\pi^0$ photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 259-272.	4.1	80
647	Measurement of the reaction in deep inelastic $e^+p$ scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 380, 220-234.	4.1	38
648	Observation of events with an energetic forward neutron in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 388-400.	4.1	32

#	ARTICLE	IF	CITATIONS
649	Dijet angular distributions in direct and resolved photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 401-413.	4.1	33
650	Study of charged-current $\text{ep}$ interactions at $\sqrt{s} > 200, [\text{m GeV}]^2$ with the ZEUS detector at HERA. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 47-64.	1.5	4
651	Measurement of the diffractive structure function in deep inelastic scattering at HERA. Zeitschrift für Physik C-Particles and Fields, 1995, 68, 569-584.	1.5	104
652	Inclusive jet differential cross sections in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 342, 417-432.	4.1	32
653	Extraction of the gluon density of the proton at $x$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 576-588.	4.1	70
654	Observation of hard scattering in photoproduction events with a large rapidity gap at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 399-414.	4.1	25
655	Study of $\text{D}^{\pm} \text{---} (2010)^{\pm}$ production in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 349, 225-237.	4.1	39
656	Dijet cross sections in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 348, 665-680.	4.1	66
657	Measurement of the cross section for the reaction $\hat{\text{p}} \hat{\text{p}}' \text{J}/\bar{\text{p}}$ with the ZEUS detector at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 350, 120-134.	4.1	78
658	Study of the photon remnant in resolved photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 354, 163-177.	4.1	29
659	Diffractive hard photoproduction at HERA and evidence for the gluon content of the pomeron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 356, 129-146.	4.1	56
660	Exclusive $\bar{\text{p}} \text{---} 0$ production in deep inelastic electron-proton scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 356, 601-616.	4.1	66
661	Measurement of $\hat{\text{p}} \text{---} s$ from jet rates in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 363, 201-216.	4.1	26
662	Measurement of the proton structure function $F_2$ from the 1993 HERA data. Zeitschrift für Physik C-Particles and Fields, 1995, 65, 379-398.	1.5	118
663	Jet production in high $Q^2$ deep-inelastic ep scattering at HERA. Zeitschrift für Physik C-Particles and Fields, 1995, 67, 81-92.	1.5	6
664	Measurement of multiplicity and momentum spectra in the current fragmentation region of the Breit frame at HERA. Zeitschrift für Physik C-Particles and Fields, 1995, 67, 93-107.	1.5	31
665	Inclusive transverse momentum distributions of charged particles in diffractive and non-diffractive photoproduction at HERA. Zeitschrift für Physik C-Particles and Fields, 1995, 67, 227-237.	1.5	20
666	A search for excited fermions in electron-proton collisions at HERA. Zeitschrift für Physik C-Particles and Fields, 1995, 65, 627-647.	1.5	12



#	ARTICLE	IF	CITATIONS
667	Neutral strange particle production in deep inelastic scattering at HERA. Zeitschrift für Physik C-Particles and Fields, 1995, 68, 29-42.	1.5	22
668	Measurement of Charged and Neutral Current $\nu p$ Deep Inelastic Scattering Cross Sections at High Q <sup>2</sup> . Physical Review Letters, 1995, 75, 1006-1011.	7.8	33
669	Comparison of energy flows in deep inelastic scattering events with and without a large rapidity gap. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 338, 483-496.	4.1	26
670	Observation of jet production in deep inelastic scattering with a large rapidity gap at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 228-243.	4.1	63
671	Observation of direct processes in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 287-300.	4.1	69
672	Measurement of total and partial photon proton cross sections at 180 GeV center of mass energy. Zeitschrift für Physik C-Particles and Fields, 1994, 63, 391-408.	1.5	180
673	Initial study of deep inelastic scattering with ZEUS at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 303, 183-197.	4.1	30
674	Measurement of the proton structure function F <sub>2</sub> in ep scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 412-426.	4.1	219
675	Observation of two-jet production in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 306, 158-172.	4.1	20
676	Search for leptoquarks with the ZEUS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 306, 173-186.	4.1	53
677	Hadronic energy distributions in deep-inelastic electron-proton scattering. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 231-242.	1.5	22
678	Search for excited electrons using the ZEUS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 207-218.	4.1	11
679	Observation of events with a large rapidity gap in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 315, 481-493.	4.1	239
680	Technibaryon production at pp colliders. Physical Review D, 1992, 45, 3090-3101.	4.7	0
681	J/ψ-PRODUCTION MECHANISMS AND DETERMINATION OF THE GLUON DENSITY AT HERA. International Journal of Modern Physics A, 1992, 07, 7955-7988.	1.5	25
682	A measurement of $\Gamma_{\text{tot}}(\tilde{\chi}^0 p)$ at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 293, 465-477.	4.1	192
683	Observation of hard scattering in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 404-416.	4.1	70
684	The role of chiral Lagrangians in strongly interacting W L W L signals at pp supercolliders. Zeitschrift für Physik C-Particles and Fields, 1991, 50, 205-219.	1.5	57

#	ARTICLE	IF	CITATIONS
685	$W\tilde{\chi}_{1/2}^0$ signals from the strongly interacting symmetry breaking sector. Zeitschrift für Physik C-Particles and Fields, 1991, 50, 465-471.	1.5	32
686	WZ pair production at the LHC in left-right models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 255, 599-604.	4.1	9
687	Testing for a possible strong-interacting electroweak symmetry breaking sector at LHC and SSC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 249, 130-140.	4.1	28
688	One-loop corrections to the skyrmion mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 247, 581-586.	4.1	18
689	Top mass corrections to weak boson decays. Nuclear Physics B, 1988, 301, 1-14.	2.5	12