

Carmen Garcia

List of Publications by Year in descending order

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795
papers

34,173
citations

5876

81
h-index

11288

136
g-index

806
all docs

806
docs citations

806
times ranked

10986
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of the ATLAS Level-1 topological trigger in Run 2. European Physical Journal C, 2022, 82, 1.	1.4	6
2	Measurement of the c-jet mistagging efficiency in $\sqrt{s} = 13$ TeV events using pp collision data at $\sqrt{s} = 13$ TeV collected with the ATLAS detector. European Physical Journal C, 2022, 82, .	1.4	14
3	Search for exotic decays of the Higgs boson into $b\bar{b}$ and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, 1.	1.6	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 $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, 1.	1.4	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 fb^{-1} of pp collision data at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	10
6	AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	1.3	23
7	Measurement of the energy response of the ATLAS calorimeter to charged pions from $W \rightarrow \mu \nu$ events in Run 2 data. European Physical Journal C, 2022, 82, 1.	1.4	4
8	The ATLAS inner detector trigger performance in pp collisions at $\sqrt{s} = 13$ TeV during LHC Run 2. European Physical Journal C, 2022, 82, 1.	1.4	5
9	Search for flavour-changing neutral-current interactions of a top quark and a gluon in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, .	1.4	7
10	Measurement of the energy asymmetry in $t\bar{t}$ production at $\sqrt{s} = 13$ TeV with the ATLAS experiment and interpretation in the SMEFT framework. European Physical Journal C, 2022, 82, .	1.4	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 TeV. European Physical Journal C, 2022, 82, 1.	1.4	12
12	Performance of Deep Learning Pickers in Routine Network Processing Applications. Seismological Research Letters, 2022, 93, 2529-2542.	0.8	12
13	Measurement of hadronic event shapes in high-pT multijet final states at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
14	Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fb^{-1} of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	37
15	Differential cross-section measurements for the electroweak production of dijets in association with a Z boson in proton-proton collisions at ATLAS. European Physical Journal C, 2021, 81, 1.	1.4	12
16	Measurements of WH and ZH production in the $H \rightarrow b\bar{b}$ decay channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	38
17	Search for dark matter in association with an energetic photon in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	18
18	Search for type-III seesaw heavy leptons in dilepton final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	17

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19	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb ⁻¹ of Pb+Pb data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	19
20	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.	1.6	6
21	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.	1.6	14
22	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.	1.6	22
23	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.	1.4	18
24	Optimisation of large-radius jet reconstruction for the ATLAS detector in 13 TeV proton-proton collisions. European Physical Journal C, 2021, 81, 1.	1.4	15
25	Search for heavy resonances decaying into a pair of Z bosons in the $e^+e^- \rightarrow e^+e^- Z Z$ and $e^+e^- \rightarrow e^+e^- \gamma \gamma$ final states using 139 fb ⁻¹ of proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	40
26	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.	1.6	18
27	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $e^+e^- \rightarrow e^+e^- \gamma \gamma$ and $e^+e^- \rightarrow e^+e^- W W$ final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	26
28	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.	1.6	23
29	Measurements of $W+W+1$ jet production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8
30	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.	1.6	46
31	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.	1.4	14
32	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a τ -lepton in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	27
33	Search for supersymmetry in events with four or more charged leptons in 139 fb ⁻¹ of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	12
34	Determination of the parton distribution functions of the proton from ATLAS measurements of differential W_{\pm} and Z boson production in association with jets. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
35	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.	1.6	8
36	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.	1.6	5

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37	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.	1.4	82
38	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.	1.4	13
39	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.	1.4	3
40	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.	1.4	64
41	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.	1.4	12
42	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.	1.4	9
43	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.	1.6	14
44	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.	1.4	5
45	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.	1.6	12
46	EASY: Educational Alibava System. EPJ Web of Conferences, 2021, 253, 10004.	0.1	0
47	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.	1.4	7
48	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.	1.6	10
49	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.	1.6	10
50	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.	1.6	4
51	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.	1.6	4
52	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.	1.4	28
53	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1.	1.4	7
54	Measurement of b-quark fragmentation properties in jets using the decay $B_{\pm} \rightarrow J/\psi K_{\pm}$ in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	3

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55	Measurements of inclusive and differential cross-sections of combined $\overline{t}\gamma$ and tW^3 production in the e^+e^- channel at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	3
56	Performance of the missing transverse momentum triggers for the ATLAS detector during Run-2 data taking. Journal of High Energy Physics, 2020, 2020, 1.	1.6	17
57	Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24
58	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the 4ℓ decay channel at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	32
59	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.	1.6	28
60	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.	1.4	34
61	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.	1.6	8
62	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.	1.6	3
63	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.	1.6	11
64	Search for the $HH \rightarrow b\overline{b}$ 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.	1.6	17
65	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.	1.6	12
66	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.	1.4	28
67	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.	1.6	4
68	Measurements of top-quark pair spin correlations in the e^+e^- channel at $\sqrt{s} = 13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	22
69	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.	1.6	12
70	Higgs boson production cross-section measurements and their EFT interpretation in the 4ℓ decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	41
71	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.	1.6	36
72	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.	1.6	19

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73	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.	1.6	7
74	Measurement of the $Z(\hat{\nu}^{\prime} \hat{\nu}, \hat{\nu}, \hat{\nu})^3$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	9
75	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.	1.4	5
76	Transverse momentum and process dependent azimuthal anisotropies in $\sqrt{s} = 8.16$ TeV p+Pb collisions with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	12
77	Measurement of J/ψ production in association with a $W\hat{\nu}$ boson with pp data at 8 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	10
78	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.	1.6	68
79	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.	1.6	14
80	Reconstruction and identification of boosted $d\bar{t}$ 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.	1.6	8
81	Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1.	1.4	93
82	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.	1.4	124
83	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.	1.4	4
84	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.	1.4	30
85	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.	1.4	29
86	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.	1.4	21
87	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.	1.4	36
88	Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1.	1.4	12
89	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.	1.4	15
90	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.	1.6	49

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91	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.	1.4	28
92	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.	1.6	21
93	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.	1.6	8
94	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.	1.4	41
95	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.	1.6	30
96	Search for scalar resonances decaying into $\tau^+\tau^-$ in events with and without b-tagged jets produced in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	15
97	Search for diboson resonances in hadronic final states in 139 fb^{-1} of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	20
98	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, .	1.4	4
99	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, .	1.4	21
100	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.	1.4	24
101	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.	1.6	13
102	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.	1.4	77
103	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.	1.4	3
104	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.	1.4	22
105	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.	1.6	27
106	Search for top-quark decays $t \rightarrow Hq$ with 36 fb^{-1} of pp collision data at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	19
107	Measurement of VH , $H\mathcal{O}\overline{b}$ 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.	1.6	14
108	Annealing studies of irradiated p-type sensors designed for the upgrade of ATLAS phase-II strip tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 924, 128-132.	0.7	2

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109	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.	1.4	17
110	Performance of top-quark and \vec{W} W -boson tagging with ATLAS in Run 2 of the LHC. European Physical Journal C, 2019, 79, 1.	1.4	42
111	Measurements of inclusive and differential fiducial cross-sections of γ production in leptonic final states at $\sqrt{s}=13$ TeV in ATLAS. European Physical Journal C, 2019, 79, 1.	1.4	14
112	Electron and photon energy calibration with the ATLAS detector using 2015–2016 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P03017-P03017.	0.5	37
113	Search for doubly charged scalar bosons decaying into same-sign W boson pairs with the ATLAS detector. European Physical Journal C, 2019, 79, 58.	1.4	61
114	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.	1.6	39
115	In situ calibration of large-radius jet energy and mass in 13 TeV proton–proton collisions with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	28
116	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.	1.4	46
117	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.	1.6	6
118	Measurement of the top quark mass in the $t \rightarrow t \hat{A} \hat{A}^{\dagger}$. European Physical Journal C, 2019, 79, 1.	1.4	47
119	Measurement of the charge collection in irradiated miniature sensors for the upgrade of the ATLAS phase-II strip tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 924, 153-159.	0.7	5
120	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.	1.6	55
121	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.	1.4	25
122	Measurement of the top-quark mass in $t + 1$ -jet events collected with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	27
123	Measurement of fiducial and differential W^+W^- production cross-sections at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	24
124	Measurement of ZZ production in the $\mu\mu\gamma$ final state with the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
125	Measurement of W^{\pm} -boson and Z-boson production cross-sections in pp collisions at $\sqrt{s}=2.76$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	8
126	Measurement of the inclusive cross-section for the production of jets in association with a Z boson in proton–proton collisions at 8 TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	9

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127	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.	1.6	50
128	Measurement of W^{\pm} boson production in Pb+Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ -ext {TeV}ext {V} with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	17
129	ATLAS b-jet identification performance and efficiency measurement with $t\bar{t}$ events in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	130
130	Measurement of flow harmonics correlations with mean transverse momentum in lead-lead and proton-lead collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ -hbox {TeV} with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	36
131	Measurements of top-quark pair differential and double-differential cross-sections in the $t\bar{t} + \text{jets}$ channel with pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	34
132	Search for bottom-quark pair production with the ATLAS detector in final states containing Higgs bosons, b-jets and missing transverse momentum. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
133	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.	1.6	5
134	Measurement of K_S^0 and Λ^0 production in $t\bar{t}$ dileptonic events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	4
135	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fb^{-1} of pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	116
136	Measurement of the cross-section for producing a W boson in association with a single top quark in pp collisions at $\sqrt{s}=13$ TeV with ATLAS. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
137	Measurement of the W -boson mass in pp collisions at $\sqrt{s}=7$, hbox {TeV} $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 110.	1.4	218
138	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.	1.4	13
139	Search for the direct production of charginos and neutralinos in final states with tau leptons in $\sqrt{s} = 13, \text{TeV}$ $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 154.	1.4	52
140	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ s NN = 2.76 and 5.0. European Physical Journal C, 2018, 78, 142.	1.4	59
141	Measurement of quarkonium production in proton-lead and proton-proton collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ -mathrm {TeV} 5.02 TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 171.	1.4	75
142	Measurement of differential cross-sections of a single top quark produced in association with a W boson at $\sqrt{s}=\{13\}$ {ext {TeV}} $\sqrt{s} = 13$ TeV with ATLAS. European Physical Journal C, 2018, 78, 186.	1.4	20
143	Search for heavy ZZ resonances in the $e^+e^-e^+e^-$, $e^+e^-e^+e^-$, $e^+e^-e^+e^-$ and $e^+e^-e^+e^-$ final states using proton-proton collisions at $\sqrt{s}=13$ s = 13 TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 293.	1.4	101
144	A search for pair-produced resonances in four-jet final states at $\sqrt{s}=13$ s = 13 TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 250.	1.4	66

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145	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 $\sqrt{s}=13 \text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
146	Search for heavy resonances decaying into WW in the $e \mu u e \hat{1}/2 \hat{1}/4 \hat{1}/2$ final state in pp collisions at $\sqrt{s}=13 \text{ TeV}$, $s = 13 \text{ TeV}$, ext {TeV} TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 24.	1.4	108
147	Direct top-quark decay width measurement in the $\mathbf{\vec{t}} t \hat{A}^-$ lepton+jets channel at $\sqrt{s}=8 \text{ TeV}$ $s = 8 \text{ TeV}$ with the ATLAS experiment. European Physical Journal C, 2018, 78, 129.	1.4	17
148	Search for W W/W Z resonance production in $\hat{a}, \hat{1}/2 qq$ final states in pp collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	31
149	Measurement of the Higgs boson coupling properties in the $H \hat{a}^+ ZZ \hat{a}^- \hat{a}^+ 4 \hat{a},$ decay channel at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	46
150	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the $H \hat{a}^+ aa \hat{a}^+ 4b$ channel in pp collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	28
151	Measurement of the $Z \gamma o u \overline{u} \gamma$ production cross section in pp collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector and limits on anomalous triple gauge-boson couplings. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
152	Prompt and non-prompt J/ψ elliptic flow in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ $s_{NN} = 5.02 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2018, 78, 784.	1.4	19
153	Search for Higgs boson pair production in the $\gamma \gamma WW^* \hat{1}^3 WW \hat{a}^-$ channel using pp collision data recorded at $\sqrt{s}=13 \text{ TeV}$ $s = 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2018, 78, 1007.	1.4	53
154	Measurement of colour flow using jet-pull observables in $t \bar{t} \hat{A}^-$ events with the ATLAS experiment at $\sqrt{s} = 13 \text{ TeV}$ $s = 13 \text{ TeV}$. European Physical Journal C, 2018, 78, 847.	1.4	16
155	Angular analysis of $B^0 \rightarrow \hat{a}^+ \hat{a}^- K^+ \hat{1}/4 \hat{1}/4 \hat{a}^-$ decays in pp collisions at $\sqrt{s}=8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	76
156	Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in 36 fb^{-1} of pp collisions at. European Physical Journal C, 2018, 78, 401.	1.4	50
157	Search for dark matter in events with a hadronically decaying vector boson and missing transverse momentum in pp collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29
158	Measurements of differential cross sections of top quark pair production in association with jets in pp collisions at $\sqrt{s}=13 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	9
159	Search for Higgs boson pair production in the $\gamma \gamma b \overline{b}$ final state with 13 TeV pp collision data collected by the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	1.6	38
160	Search for new phenomena in events with same-charge leptons and b-jets in pp collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	30
161	Measurement of the azimuthal anisotropy of charged particles produced in $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ Pb+Pb collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 997.	1.4	51
162	Performance of missing transverse momentum reconstruction with the ATLAS detector using proton collisions at $\sqrt{s}=13 \text{ TeV}$ $s = 13 \text{ TeV}$. European Physical Journal C, 2018, 78, 903.	1.4	181

#	ARTICLE	IF	CITATIONS
163	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.	1.4	125
164	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.	1.6	56
165	Operation and performance of the ATLAS Tile Calorimeter in Run 1. European Physical Journal C, 2018, 78, 987.	1.4	25
166	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.	1.6	37
167	Search for pair production of heavy vector-like quarks decaying into high- p_T 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.	1.6	22
168	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 fb^{-1} of $\sqrt{s}=13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	48
169	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.	1.6	67
170	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.	1.6	15
171	Search for charged Higgs bosons decaying via $H^{\pm} \rightarrow \tilde{l}_n \tilde{l}_m$, in the \tilde{l}_n +jets and \tilde{l}_n +lepton final states with 36 fb^{-1} of pp collision data recorded at $\sqrt{s}=13$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	1.6	59
172	Prompt and non-prompt $\psi(2S) \rightarrow J/\psi \gamma$ and $\psi(2S) \rightarrow \gamma \gamma$ suppression at high transverse momentum in 5.02 TeV Pb+Pb collisions with the ATLAS experiment. European Physical Journal C, 2018, 78, 762.	1.4	61
173	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.	1.6	31
174	Search for exclusive Higgs and Z boson decays to $\tilde{l}_n \tilde{l}_m$ and $\tilde{l}_n \tilde{l}_m$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
175	Measurements of b-jet tagging efficiency with the ATLAS detector using τ events at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
176	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.	1.6	17
177	Measurement of the inclusive and fiducial $t \bar{t} \tilde{\chi}^0$ production cross-sections in the. European Physical Journal C, 2018, 78, 487.	1.4	10
178	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.	1.4	79
179	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.	1.4	27
180	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.	1.6	136

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181	Search for magnetic monopoles with the MoEDAL forward trapping detector in 2.11 fb ⁻¹ of 13 TeV proton-proton collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 510-516.	1.5	33
182	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.	1.6	17
183	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.	1.4	60
184	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.	1.4	132
185	Measurement of σ_{pol} , polarisation in $Z/\gamma \rightarrow \text{e}^+ \text{e}^-$. European Physical Journal C, 2018, 78, 163.	1.4	7
186	Searches for heavy ZZ and ZW resonances in the $\gamma\gamma$, γq and $\gamma q \rightarrow \gamma q$ final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29
187	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.	1.6	33
188	Measurement of differential cross sections and W^+/\bar{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.	1.6	16
189	Measurement of the $\sigma(\text{e}^+ \text{e}^- \rightarrow Z \text{e}^+ \text{e}^-)$ and $\sigma(\text{e}^+ \text{e}^- \rightarrow W^+ W^-)$ production cross sections in multilepton final states using 3.2 fb ⁻¹ of $\text{e}^+ \text{e}^-$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 40.	1.4	41
190	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.	1.4	29
191	Search for Magnetic Monopoles with the MoEDAL Forward Trapping Detector in 13 TeV Proton-Proton Collisions at the LHC. Physical Review Letters, 2017, 118, 061801.	2.9	48
192	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.	1.6	29
193	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.	1.4	11
194	Measurement of the W boson polarisation in $t \bar{t}$ events from pp collisions at $\sqrt{s}=8$ TeV in the lepton+ \bar{t} jets channel with ATLAS. European Physical Journal C, 2017, 77, 264.	1.4	37
195	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. European Physical Journal C, 2017, 77, 195.	1.4	87
196	Measurements of top-quark pair differential cross-sections in the $\text{e}^+ \text{e}^-$ channel in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2017, 77, 292.	1.4	27
197	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.	1.4	61
198	Measurement of the prompt J/ψ pair production cross-section in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 76.	1.4	81

#	ARTICLE	IF	CITATIONS
199	Search for triboson $W^{\pm}W^{\pm}W^{\mp}$ production in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 141.	1.4	25
200	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490.	1.4	325
201	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.	1.4	56
202	Measurements of electroweak Wjj production and constraints on anomalous gauge couplings with the ATLAS detector. European Physical Journal C, 2017, 77, 474.	1.4	26
203	Jet reconstruction and performance using particle flow with the ATLAS Detector. European Physical Journal C, 2017, 77, 466.	1.4	145
204	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.	1.4	86
205	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.	1.6	31
206	Measurement of lepton differential distributions and the top quark mass in $t\bar{t}$. European Physical Journal C, 2017, 77, 804.	1.4	28
207	Measurement of the $\overline{t}\gamma$ production cross section in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
208	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.	1.6	9
209	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. European Physical Journal C, 2017, 77, 673.	1.4	75
210	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.	1.4	12
211	Measurement of the ZZ production cross section in proton-proton collisions at $\sqrt{s}=8$ TeV using the $ZZ \rightarrow \ell\ell, \ell\nu\bar{\nu}, \ell\ell, \ell\nu\bar{\nu}, \ell\nu\bar{\nu}$ and $ZZ \rightarrow \ell\ell, \ell\nu\bar{\nu}, \ell\nu\bar{\nu}$ decay channels with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.		
212	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.	1.6	17
213	Measurements of $\Upsilon(2S)$ and $X(3872)$ production in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	33
214	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.	1.6	13
215	Search for lepton-flavour-violating decays of the Higgs and Z bosons with the ATLAS detector. European Physical Journal C, 2017, 77, 70.	1.4	79
216	Performance of the ATLAS trigger system in 2015. European Physical Journal C, 2017, 77, 317.	1.4	489

#	ARTICLE	IF	CITATIONS
217	Reconstruction of primary vertices at the ATLAS experiment in Run 1 proton-proton collisions at the LHC. European Physical Journal C, 2017, 77, 332.	1.4	71
218	Measurements of the production cross section of a Z boson in association with jets in pp collisions at $\sqrt{s} = 13$ s. European Physical Journal C, 2017, 77, 361.	1.4	47
219	Precision measurement and interpretation of inclusive W^+W^- , W^+W^+ and W^-W^- . European Physical Journal C, 2017, 77, 367.	1.4	145
220	Measurement of jet fragmentation in Pb+Pb and pp collisions at $\sqrt{s_{\text{NN}}} = 2.76$ s. European Physical Journal C, 2017, 77, 379.	1.4	51
221	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.	1.4	80
222	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.	1.6	14
223	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.	1.4	50
224	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.	1.6	8
225	Measurement of detector-corrected observables sensitive to the anomalous production of events with jets and large missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. European Physical Journal C, 2017, 77, 765.	1.4	19
226	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.	1.6	8
227	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.	1.6	17
228	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.	1.6	23
229	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.	1.6	38
230	Identification and rejection of pile-up jets at high pseudorapidity with the ATLAS detector. European Physical Journal C, 2017, 77, 580.	1.4	35
231	Measurement of $WW/WZ \rightarrow \ell u q^{\prime} \bar{q}$ 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.	1.4	28
232	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.	1.6	12
233	Searches for the $Z\tilde{\chi}^0_3$ 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.	1.6	30
234	Studies of $Z\tilde{\chi}^0_3$ 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.	1.6	14

#	ARTICLE	IF	CITATIONS
235	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.	1.6	16
236	Search for top quark decays $t \rightarrow qH$, with $H \rightarrow \tau\tau$, in $s = 13$ TeV pp collisions using the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	18
237	Study of $WW\gamma$ and $WZ\gamma$. European Physical Journal C, 2017, 77, 646.	1.4	30
238	Measurements of top quark spin observables in $t\bar{t}$ events using dilepton final states in $s = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	20
239	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.	1.6	11
240	Top-quark mass measurement in the all-hadronic $t\bar{t}$ decay channel at $s = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	16
241	Measurement of the Drell-Yan triple-differential cross section in pp collisions at $s = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	28
242	Search for a scalar partner of the top quark in the jets plus missing transverse momentum final state at $s = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	45
243	Search for supersymmetry in final states with two same-sign or three leptons and jets using 36 fb ⁻¹ of $\sqrt{s}=13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	31
244	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 $s = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	36
245	Measurement of the k_t splitting scales in $Z \rightarrow \tau\tau$ events in pp collisions at $s = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
246	Analysis of the Wtb vertex from the measurement of triple-differential angular decay rates of single top quarks produced in the t-channel at $s = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	8
247	Evidence for the $H \rightarrow b\bar{b}$ decay with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	64
248	Search for new high-mass phenomena in the dilepton final state using 36 fb ⁻¹ of proton-proton collision data at $s = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	168
249	Determination of the strong coupling constant α_s from transverse energy correlations in multijet events at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 872.	1.4	32
250	Study of hard double-parton scattering in four-jet events in pp collisions at $s = 7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.	1.6	30
251	Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in $s = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	10
252	Measurement of event-shape observables in $Z \rightarrow \ell\ell$ events in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 375.	1.4	15

#	ARTICLE	IF	CITATIONS
253	Charged-particle distributions in pp interactions at $\sqrt{s}=8 \text{ TeV}$ measured with the ATLAS detector. European Physical Journal C, 2016, 76, 403.	1.4	30
254	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.	1.4	61
255	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.	1.4	37
256	Search for minimal supersymmetric standard model Higgs Bosons H/A and for a Z^{\prime} boson in the $u\bar{u}, l\bar{l}$, final state produced in pp collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 585.	1.4	51
257	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run-1 data. European Physical Journal C, 2016, 76, 666.	1.4	73
258	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.	1.4	12
259	The performance of the jet trigger for the ATLAS detector during 2011 data taking. European Physical Journal C, 2016, 76, 526.	1.4	21
260	Search for new phenomena in different-flavour high-mass dilepton final states in pp collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 541.	1.4	23
261	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.	1.4	24
262	Muon reconstruction performance of the ATLAS detector in proton-proton collision data at $\sqrt{s}=13 \text{ TeV}$. European Physical Journal C, 2016, 76, 292.	1.4	453
263	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.	1.4	48
264	Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 565.	1.4	31
265	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s}=8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	44
266	Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at $\sqrt{s}=8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	71
267	Search for flavour-changing neutral current top-quark decays to qZ in pp collision data collected with the ATLAS detector at $\sqrt{s}=8 \text{ TeV}$. European Physical Journal C, 2016, 76, 12.	1.4	39
268	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $\sqrt{s}=8 \text{ TeV}$. European Physical Journal C, 2016, 76, 87.	1.4	39
269	Search for direct top squark pair production in final states with two tau leptons in pp collisions at $\sqrt{s}=8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 81.	1.4	10
270	Search for charged Higgs bosons in the $H^{\pm} \rightarrow t\bar{b}$ decay channel in pp collisions at $\sqrt{s}=8 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	43

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271	Study of the rare decays of $B^0 \rightarrow B^0 \mu^+ \mu^-$ and $B^0 \rightarrow B^0 \mu^+ \mu^-$ into muon pairs from data collected during the LHC Run 1 with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 513.	1.4	46
272	Search for supersymmetry in a final state containing two photons and missing transverse momentum in $\sqrt{s} = 13 \text{ TeV } pp$ collisions. <i>European Physical Journal C</i> , 2016, 76, 517.	1.4	24
273	Search for resonances in diphoton events at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	70
274	Detailed studies of full-size ATLAS12 sensors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 831, 167-173.	0.7	11
275	Sensors for the End-cap prototype of the Inner Tracker in the ATLAS Detector Upgrade. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 833, 226-232.	0.7	6
276	ALIBAVA Silicon Microstrip Readout System for Educational Purposes. <i>Nuclear and Particle Physics Proceedings</i> , 2016, 273-275, 2563-2565.	0.2	0
277	Search for single production of vector-like quarks decaying into Wb in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 442.	1.4	43
278	Measurement of the relative width difference of the $B^0 \rightarrow B^0 \mu^+ \mu^-$ system with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	8
279	Search for magnetic monopoles with the MoEDAL prototype trapping detector in 8 TeV proton-proton collisions at the LHC. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	41
280	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. <i>European Physical Journal C</i> , 2016, 76, 295.	1.4	50
281	Performance of pile-up mitigation techniques for jets in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. <i>European Physical Journal C</i> , 2016, 76, 581.	1.4	298
282	Measurement of the charged-particle multiplicity inside jets from $\sqrt{s} = 8 \text{ TeV } pp$ collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 322.	1.4	51
283	Measurement of jet activity in top quark events using the e^+e^- final state with two b-tagged jets in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	4
284	Measurement of the transverse momentum and ϕ_{rel}^* distributions of Drell-Yan lepton pairs in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 291.	1.4	154
285	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to $WW \rightarrow e^+e^- \mu^+\mu^-$ with the ATLAS detector at $\sqrt{s} = 8 \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	15
286	Search for new phenomena in events with a photon and missing transverse momentum in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	20
287	A search for top squarks with R-parity-violating decays to all-hadronic final states with the ATLAS detector in $\sqrt{s} = 8 \text{ TeV } pp$ collisions. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	14
288	Identification of high transverse momentum top quarks in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	17

#	ARTICLE	IF	CITATIONS
289	A search for an excited muon decaying to a muon and two jets in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>New Journal of Physics</i> , 2016, 18, 073021.	1.2	2
290	Beam-induced and cosmic-ray backgrounds observed in the ATLAS detector during the LHC 2012 proton-proton running period. <i>Journal of Instrumentation</i> , 2016, 11, P05013-P05013.	0.5	11
291	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $\sqrt{s}=8\text{ TeV}$ using the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 538.	1.4	115
292	Measurement of the differential cross-sections of prompt and non-prompt production of J/ψ and $\psi(2S)$ in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 283.	1.4	63
293	Luminosity determination in pp collisions at $\sqrt{s}=8\text{ TeV}$ using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2016, 76, 653.	1.4	279
294	Search for squarks and gluinos in events with hadronically decaying tau leptons, jets and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ recorded with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 683.	1.4	11
295	Addendum to "Measurement of the $t\bar{t}$ production cross-section using $e\mu$ events with b-tagged jets in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector". <i>European Physical Journal C</i> , 2016, 76, 1.	1.4	19
296	Measurement of the angular coefficients in Z-boson events using electron and muon pairs from data taken at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	33
297	Searches for heavy diboson resonances in pp collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	25
298	Dark matter interpretations of ATLAS searches for the electroweak production of supersymmetric particles in $\sqrt{s}=8\text{ TeV}$ proton-proton collisions. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	16
299	Search for the Standard Model Higgs boson decaying into $b\bar{b}$ produced in association with top quarks decaying hadronically in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	21
300	Measurement of the CP-violating phase β_s and the B_s^0 meson decay width difference with $B_s^0 \rightarrow \mu^+\mu^-$ decays in ATLAS. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	13
301	Search for squarks and gluinos in final states with jets and missing transverse momentum at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 392.	1.4	73
302	Measurement of the double-differential high-mass Drell-Yan cross section in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	38
303	A search for prompt lepton-jets in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	31
304	Search for new phenomena with photon+jet events in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	13
305	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at $\sqrt{s_{NN}}=5.02\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 199.	1.4	60
306	Measurement of the production cross-section of a single top quark in association with a W boson at 8 TeV with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	14

#	ARTICLE	IF	CITATIONS
307	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.	1.6	19
308	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.	1.6	15
309	Embedded pitch adapters: A high-yield interconnection solution for strip sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 831, 221-228.	0.7	6
310	Study of surface properties of ATLAS12 strip sensors and their radiation resistance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 831, 197-206.	0.7	12
311	Charge collection and field profile studies of heavily irradiated strip sensors for the ATLAS inner tracker upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 831, 181-188.	0.7	17
312	Evaluation of the performance of irradiated silicon strip sensors for the forward detector of the ATLAS Inner Tracker Upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 831, 207-212.	0.7	10
313	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.	1.4	62
314	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.	1.4	95
315	Probing lepton flavour violation via neutrinoless $\nu\bar{\nu} \rightarrow 3\mu$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 232.	1.4	19
316	A new method to distinguish hadronically decaying boosted Z bosons from W bosons using the ATLAS detector. European Physical Journal C, 2016, 76, 238.	1.4	9
317	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.	1.4	72
318	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.	1.6	49
319	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.	1.6	13
320	Searches for scalar leptoquarks in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 5.	1.4	109
321	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.	1.4	274
322	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.	1.4	54
323	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.	1.4	40
324	Search for an additional, heavy Higgs boson in the $H \hat{A}^+ Z Z$ decay channel at $\sqrt{s} = 8$ TeV in pp collision data with the ATLAS detector. European Physical Journal C, 2016, 76, 45.	1.4	197

#	ARTICLE	IF	CITATIONS
325	Search for single top-quark production via flavour-changing neutral currents at 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 55.	1.4	43
326	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
327	Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at $s = 8\sqrt{s}=8\text{ TeV}$. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	4
328	A search for high-mass resonances decaying to $\tilde{l}, +\tilde{l}, \tilde{a}'$ in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	23
329	Summary of the ATLAS experiment's sensitivity to supersymmetry after LHC Run 1 interpreted in the phenomenological MSSM. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	55
330	Search for lepton-flavour-violating $H \rightarrow \tilde{l}\tilde{l}'$, decays of the Higgs boson with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	52
331	Measurement of four-jet differential cross sections in $s = 8\sqrt{s}=8\text{ TeV}$ proton-proton collisions using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1-76.	1.6	11
332	A search for $t\tilde{t}$ resonances using lepton-plus-jets events in proton-proton collisions at $s = 8\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	66
333	Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at $s = 7\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	28
334	Measurement of charged-particle spectra in Pb+Pb collisions at $s_{NN}=2.76\sqrt{s}=2.76\text{ TeV}$ with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	67
335	Analysis of events with b-jets and a pair of leptons of the same charge in pp collisions at $s = 8\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	33
336	Constraints on new phenomena via Higgs boson couplings and invisible decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	108
337	Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at $s = 8\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1-39.	1.6	78
338	Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at $s = 7\sqrt{s}=7\text{ TeV}$ in the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	40
339	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at $\sqrt{s}=8\text{ TeV}$. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	84
340	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at $s = 8\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	71
341	Search for new phenomena in events with three or more charged leptons in pp collisions at $s = 8\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	20
342	Summary of the searches for squarks and gluinos using $s = 8\sqrt{s}=8\text{ TeV}$ pp collisions with the ATLAS experiment at the LHC. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	60

#	ARTICLE	IF	CITATIONS
343	Determination of the top-quark pole mass using $t\bar{t} + 1$ -jet events collected with the ATLAS experiment in 7 TeV pp collisions. Journal of High Energy Physics, 2015, 2015, 1.	1.6	25
344	Measurement of the $t\bar{t}W$ and $t\bar{t}Z$ production cross sections in pp collisions at $s = 8\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	22
345	Search for flavour-changing neutral current top quark decays $t \rightarrow Hq$ in pp collisions at $s = 8\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-65.	1.6	19
346	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.	1.6	36
347	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.	1.6	42
348	Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	116
349	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.	1.6	17
350	Search for $W' \rightarrow t\bar{t} \rightarrow q\bar{q}b\bar{b}$ decays in pp collisions at $s = 8\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 165.	1.4	35
351	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $s = 7\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 158.	1.4	17
352	Search for direct pair production of a chargino and a neutralino decaying to the 125 GeV Higgs boson in pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 208.	1.4	67
353	Study of (W/Z)H production and Higgs boson couplings using $H \rightarrow WW$ decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	22
354	Search for metastable heavy charged particles with large ionisation energy loss in pp collisions at $s = 8\sqrt{s} = 8$ TeV using the ATLAS experiment. European Physical Journal C, 2015, 75, 407.	1.4	27
355	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.	1.4	41
356	Jet energy measurement and its systematic uncertainty in proton-proton collisions at $s = 7\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 17.	1.4	268
357	Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at $s = 8\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 79.	1.4	30
358	Search for resonant diboson production in the $q\bar{q} \rightarrow \gamma^*/Z \rightarrow q\bar{q} + \gamma^*/Z \rightarrow W^+W^-$ final state in pp collisions at $s = 8\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	1.4	74
359	Measurements of the W production cross sections in association with jets with the ATLAS detector. European Physical Journal C, 2015, 75, 82.	1.4	92
360	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.	1.4	77

#	ARTICLE	IF	CITATIONS
361	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.	1.6	30
362	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.	1.6	27
363	Search for the $b\bar{b}$ decay of the Standard Model Higgs boson in associated (W/Z)H production with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	89
364	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.	1.6	35
365	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.	1.6	60
366	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \tau^-$, $H \rightarrow \tau^+ \tau^- \nu$ 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.	1.6	69
367	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.	1.4	79
368	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 120.	1.4	62
369	Search for Higgs boson pair production in the $b\bar{b}b\bar{b}$ final state from pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 412.	1.4	90
370	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.	1.4	21
371	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.	1.4	238
372	Search for a new resonance decaying to a W or Z boson and a Higgs boson in the $u\bar{u} + b\bar{b}$ final states with the ATLAS detector. European Physical Journal C, 2015, 75, 263.	1.4	60
373	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.	1.4	23
374	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.	1.4	95
375	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.	1.4	70
376	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. European Physical Journal C, 2015, 75, 476.	1.4	174
377	Observation and measurements of the production of prompt and non-prompt J/ψ mesons in association with a Z boson in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 229.	1.4	64
378	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.	1.4	123

#	ARTICLE	IF	CITATIONS
379	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.	1.4	56
380	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.	1.4	36
381	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.	1.4	42
382	Measurement of the top quark mass in the $t \rightarrow \text{lepton} + \text{jets}$ and $t \rightarrow \text{dilepton}$ channels using $\sqrt{s}=7$ TeV ATLAS data. European Physical Journal C, 2015, 75, 330.	1.4	52
383	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. European Physical Journal C, 2015, 75, 510.	1.4	138
384	Measurement of the inclusive jet cross-section in proton-proton collisions at $\sqrt{s}=7$ TeV using 4.5 fb ⁻¹ of data with the ATLAS detector. , 2015, 2015, 1.		3
385	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. , 2015, 75, 1.		3
386	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. , 2015, 75, 1.		3
387	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.	1.6	82
388	The physics programme of the MoEDAL experiment at the LHC. International Journal of Modern Physics A, 2014, 29, 1430050.	0.5	93
389	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.	1.4	213
390	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.	1.4	40
391	A measurement of the ratio of the production cross sections for W and Z bosons in association with jets with the ATLAS detector. European Physical Journal C, 2014, 74, 3168.	1.4	23
392	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.	1.6	45
393	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb ⁻¹ of $\sqrt{s}=8$ TeV proton-proton collision data with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	12
394	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using $\sqrt{s}=8$ TeV proton-proton collision data. Journal of High Energy Physics, 2014, 2014, 1.	1.6	128
395	Measurement of the $t \bar{t}$ production cross-section using e^+e^- events with b -tagged jets in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3109.	1.4	143
396	Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	66

#	ARTICLE	IF	CITATIONS
397	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.	1.4	58
398	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. European Physical Journal C, 2014, 74, 1.	1.4	172
399	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.	1.4	48
400	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.	1.4	68
401	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.	1.4	46
402	Search for direct pair production of the top squark in all-hadronic final states in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	41
403	Measurement of the production cross-section of $\tilde{t}(2S) \rightarrow J/\psi(\tilde{t} \rightarrow 1/4 + 1/4 \tilde{t}^*) \rightarrow \tilde{t} + \tilde{t}^*$ in pp collisions at $\sqrt{s} = 7$ TeV at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21
404	Measurement of the Z/\tilde{t}^* boson transverse momentum distribution in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	131
405	Search for strong production of supersymmetric particles in final states with missing transverse momentum and at least three b-jets at $\sqrt{s} = 8$ TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	38
406	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.	1.6	45
407	Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	47
408	Search for pair and single production of new heavy quarks that decay to a Z boson and a third-generation quark in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
409	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.	1.6	42
410	Development of n+-in-p large-area silicon microstrip sensors for very high radiation environments at ATLAS12 design and initial results. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 765, 80-90.	0.7	35
411	Measurement of the electron structure function F_2^{eep} at LEP energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 737, 39-47.	1.5	0
412	The differential production cross section of the $\phi(1020)$ meson in $\sqrt{s} = 7$ TeV pp collisions measured with the ATLAS detector. European Physical Journal C, 2014, 74, 2895.	1.4	13
413	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.	1.4	204
414	Measurement of the underlying event in jet events from 7 TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 1.	1.4	23

#	ARTICLE	IF	CITATIONS
415	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 2982.	1.4	22
416	Light-quark and gluon jet discrimination in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3023.	1.4	77
417	Measurement of the electroweak production of dijets in association with a Z-boson and distributions sensitive to vector boson fusion in proton-proton collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22
418	Measurement of the production cross section of prompt J/ψ mesons in association with a W^{\pm} boson in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
419	Measurement of dijet cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	36
420	Measurement of the production of a W boson in association with a charm quark in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	59
421	Search for supersymmetry at $\sqrt{s}=8$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45
422	Search for direct top-squark pair production in final states with two leptons in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	59
423	Measurement of $\tilde{t}c_1$ and $\tilde{t}c_2$ production with $\sqrt{s}=7$ TeV pp collisions at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	32
424	Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	10
425	Search for direct top squark pair production in events with a Z boson, b-jets and missing transverse momentum in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 2883.	1.4	55
426	Low-resistance strip sensors for beam-loss event protection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 765, 252-257.	0.7	2
427	A double-sided, shield-less stave prototype for the ATLAS Upgrade strip tracker for the High Luminosity LHC. Journal of Instrumentation, 2014, 9, P03012-P03012.	0.5	10
428	A double-sided silicon micro-strip Super-Module for the ATLAS Inner Detector upgrade in the High-Luminosity LHC. Journal of Instrumentation, 2014, 9, P02003-P02003.	0.5	4
429	The front-end hybrid for the ATLAS HL-LHC silicon strip tracker. Journal of Instrumentation, 2014, 9, C02027-C02027.	0.5	10
430	Functional and performance evaluation of low-resistance strip sensors for beam-loss event protection. , 2014, , .		1
431	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.	1.6	73
432	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.	1.6	53

#	ARTICLE	IF	CITATIONS
433	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.	1.6	32
434	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.	1.6	137
435	Search for charged Higgs bosons through the violation of lepton universality in $t\bar{t}$ events using pp collision data at $\sqrt{s}=7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2013, 2013, 1.	1.6	19
436	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.	1.6	52
437	Measurement of k_T splitting scales in $W\ell^+\ell^-$ events at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	1.4	19
438	Search for a light charged Higgs boson in the decay channel $H^+ \rightarrow c\bar{s}$ in $t\bar{t}$ events using pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2465.	1.4	119
439	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.	1.6	102
440	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.	1.6	71
441	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.	1.6	31
442	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.	1.6	52
443	Improved luminosity determination in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2518.	1.4	362
444	Measurement of the inclusive jet cross-section in pp collisions at $\sqrt{s}=2.76$ TeV and comparison to the inclusive jet cross-section at $\sqrt{s} = 7$ TeV using the ATLAS detector. European Physical Journal C, 2013, 73, 2509.	1.4	105
445	Multi-channel search for squarks and gluinos in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2362.	1.4	34
446			

#	ARTICLE	IF	CITATIONS
451	Search for resonances decaying into top-quark pairs using fully hadronic decays in pp collisions with ATLAS at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	59
452	Search for direct chargino production in anomaly-mediated supersymmetry breaking models based on a disappearing-track signature in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	15
453	Embedded pitch adapters for the ATLAS Tracker Upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 178-181.	0.7	6
454	A portable telescope based on the ALIBAVA system for test beam studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 130-133.	0.7	1
455	Measurements of top quark pair relative differential cross-sections with ATLAS in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1.	1.4	61
456	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1.	1.4	45
457	Measurement of the flavour composition of dijet events in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 1.	1.4	15
458	Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 1.	1.4	45
459	Jet energy resolution in proton-proton collisions at $\sqrt{s}=7$ TeV recorded in 2010 with the ATLAS detector. European Physical Journal C, 2013, 73, 2306.	1.4	209
460	Measurement of the σ_{t} production cross section in the tau + jets channel using the ATLAS detector. European Physical Journal C, 2013, 73, 2328.	1.4	45
461	Search for WH production with a light Higgs boson decaying to prompt electron-jets in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. New Journal of Physics, 2013, 15, 043009.	1.2	15
462	Design and fabrication of sensor prototypes for the end-cap tracker of the ATLAS upgrade. , 2012, , .		2
463	Measurement of the cross section for top-quark pair production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector using final states with two high-p T leptons. Journal of High Energy Physics, 2012, 2012, 1.	1.6	45
464	Jet mass and substructure of inclusive jets in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS experiment. Journal of High Energy Physics, 2012, 2012, 1.	1.6	88
465	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.	1.6	12
466	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in 4.7 fb^{-1} of $\sqrt{s} = 7$ TeV proton-proton collisions. Journal of High Energy Physics, 2012, 2012, 1.	1.6	53
467	A search for $\overline{\text{t}}\text{t}$ resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	40
468	Search for the Standard Model Higgs boson in the $\text{H} \rightarrow \text{b}\bar{\text{b}}, \text{H} \rightarrow \tau\tau$ decay mode in $\sqrt{s} = 7$ TeV pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	1.6	43

#	ARTICLE	IF	CITATIONS
469	A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	34
470	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $\sqrt{s}=7$ TeV with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	1.6	15
471	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.	1.6	54
472	Search for high-mass resonances decaying to dilepton final states in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	54
473	Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	48
474	Search for R-parity-violating supersymmetry in events with four or more leptons in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	13
475	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. European Physical Journal C, 2012, 72, 1.	1.4	248
476	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	100
477	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	13
478	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.	1.4	109
479	A search for $t\bar{t}$ resonances with the ATLAS detector in 2.05 fb^{-1} of proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2083.	1.4	25
480	Search for second generation scalar leptoquarks in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	37
481	Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	16
482	Measurement of $W \hat{\Delta} Z$ production in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	59
483	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.	1.4	25
484	Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	22
485	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.	1.4	13
486	Search for light scalar top-quark pair production in final states with two leptons with the ATLAS detector in $\sqrt{s}=7$ TeV proton-proton collisions. European Physical Journal C, 2012, 72, 1.	1.4	31

#	ARTICLE	IF	CITATIONS
487	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.	1.4	36

488

#	ARTICLE	IF	CITATIONS
505	Search for single top quark production via contact interactions at LEP2. European Physical Journal C, 2011, 71, 1.	1.4	5
506	A study of the b-quark fragmentation function with the DELPHI detector at LEP I and an averaged distribution obtained at the PEP. European Physical Journal C, 2011, 71, 1.	1.4	33
507	Measurement of the top quark-pair production cross section with ATLAS in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	146
508	Studies of the performance of the ATLAS detector using cosmic-ray muons. European Physical Journal C, 2011, 71, 1.	1.4	17
509	Luminosity determination in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	179
510	Measurements of underlying-event properties using neutral and charged particles in pp collisions at $\sqrt{s}=900$ GeV and $\sqrt{s}=7$ TeV with the ATLAS detector at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	31
511	Search for an excess of events with an identical flavour lepton pair and significant missing transverse momentum in $\sqrt{s}=7$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	18
512	Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $\sqrt{s}=7$ TeV proton-proton collisions with the ATLAS experiment. European Physical Journal C, 2011, 71, 1.	1.4	41
513	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.	1.4	40
514	Search for diphoton events with large missing transverse energy with 36 pb^{-1} of 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	15
515	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.	1.4	60
516	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.	1.4	56
517	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb^{-1} of ATLAS data. European Physical Journal C, 2011, 71, 1.	1.4	14
518	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.	1.4	39
519	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.	1.4	73
520	Measurement of $W^{\pm}Z$ and $Z^{\pm}Z$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	11
521	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.	1.6	33
522	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.	1.6	65

#	ARTICLE	IF	CITATIONS
523	Development of n-on-p silicon sensors for very high radiation environments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 636, S24-S30.	0.7	75
524	Testing of bulk radiation damage of n-in-p silicon sensors for very high radiation environments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 636, S83-S89.	0.7	31
525	A silicon strip module for the ATLAS inner detector upgrade in the super LHC collider. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 636, S97-S103.	0.7	14
526	Evaluation of the bulk and strip characteristics of large area n-in-p silicon sensors intended for a very high radiation environment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 636, S104-S110.	0.7	20
527	Testing of surface properties pre-rad and post-rad of n-in-p silicon sensors for very high radiation environment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 636, S111-S117.	0.7	29
528	Progress with the single-sided module prototypes for the ATLAS tracker upgrade stage. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 636, S90-S96.	0.7	17
529	Combined performance studies for electrons at the 2004 ATLAS combined test-beam. Journal of Instrumentation, 2010, 5, P11006-P11006.	0.5	10
530	Measurements of CP-conserving trilinear gauge boson couplings WWV ($V = \gamma, Z$) in e^+e^- collisions at LEP2. European Physical Journal C, 2010, 66, 35-56.	1.4	20
531	Study of the dependence of direct soft photon production on the jet characteristics in hadronic Z^0 decays. European Physical Journal C, 2010, 67, 343-366.	1.4	33
532	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 723-753.	1.4	61
533	The ATLAS Inner Detector commissioning and calibration. European Physical Journal C, 2010, 70, 787-821.	1.4	95
534	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. European Physical Journal C, 2010, 70, 755-785.	1.4	51
535	Commissioning of the ATLAS Muon Spectrometer with cosmic rays. European Physical Journal C, 2010, 70, 875-916.	1.4	23
536	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	1.4	1,187
537	Readiness of the ATLAS Tile Calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 1193-1236.	1.4	121
538	Performance of the ATLAS detector using first collision data. Journal of High Energy Physics, 2010, 2010, 1.	1.6	18
539	Measurement of the $W \rightarrow e \nu_e$, $W \rightarrow \mu \nu_\mu$ and $Z \rightarrow e^+ e^-$, $Z \rightarrow \mu^+ \mu^-$ production cross sections in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2010, 2010, 1.	1.6	64
540	Characterization of irradiated P-type silicon detectors by the ALIBAVA system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 565-567.	0.7	3

#	ARTICLE	IF	CITATIONS
541	THE ATLAS TRACKER UPGRADE: SHORT STRIPS DETECTORS FOR THE sLHC. , 2010, , .		0
542	Search for Long-Lived Charged Massive Particles with the D0 Detector. Physical Review Letters, 2009, 102, 161802.	2.9	52
543	Search for Charged Higgs Bosons Decaying into Top and Bottom Quarks in $p\bar{p}$ Collisions. Physical Review Letters, 2009, 102, 191802.	2.9	35
544	Studies on charge collection of p-type silicon detectors under neutron irradiation expected for Super-LHC. , 2009, , .		1
545	Measurement of β Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 Td (accent="true" >		

#	ARTICLE	IF	CITATIONS
559	Annealing studies of silicon microstrip detectors irradiated at high neutron fluences. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 591, 181-183.	0.7	4
560	Study of W-boson polarisations and triple gauge boson couplings in the reaction $e+e \rightarrow W+W-$ at LEP 2. European Physical Journal C, 2008, 54, 345-364.	1.4	41
561	Measurement of the mass and width of the W boson in $e+e-$ collisions at $\sqrt{s} = 161 \text{--} 209 \text{ GeV}$. European Physical Journal C, 2008, 55, 1.	1.4	52
562	Study of b-quark mass effects in multijet topologies with the DELPHI detector at LEP. European Physical Journal C, 2008, 55, 525-538.	1.4	17
563	Di-jet production in $\hat{\nu}\hat{\nu}$ collisions at LEP2. European Physical Journal C, 2008, 58, 531-541.	1.4	1
564	Observation of the muon inner bremsstrahlung at LEP1. European Physical Journal C, 2008, 57, 499-514.	1.4	16
565	Search for Third Generation Scalar Leptoquarks Decaying into $\bar{l}_i b$. Physical Review Letters, 2008, 101, 241802.	2.9	22
566	Search for Higgs Bosons Decaying to Tau Pairs in $p\bar{p}$ Collisions with the D0 Detector. Physical Review Letters, 2008, 101, 071804.	2.9	32
567	Measurement of the Forward-Backward Charge Asymmetry in Top-Quark Pair Production. Physical Review Letters, 2008, 100, 142002.	2.9	210
568	Search for Scalar Neutrino Superpartners in Final States $e^+p \rightarrow e^+p + \nu\bar{\nu} + \nu\bar{\nu}$. Physical Review Letters, 2008, 100, 102002.	2.9	15
569	Collisions $W^+W^- \rightarrow \nu\bar{\nu} + \nu\bar{\nu}$ Production and Limits on Anomalous $W^+W^- \rightarrow \nu\bar{\nu} + \nu\bar{\nu}$ Couplings at LEP. Physical Review Letters, 2008, 101, 062001.	2.9	47
570	Measurement of the Inclusive Jet Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96 \text{ TeV}$. Physical Review Letters, 2008, 101, 062001.	2.9	191
571	Precise Measurement of the Top-Quark Mass from lepton+jets Events. Physical Review Letters, 2008, 101, 182001.	2.9	33
572	Measurement of the Shape of the Boson-Transverse Momentum Distribution in $p\bar{p} \rightarrow Z + \nu\bar{\nu}$. Physical Review Letters, 2008, 100, 102002.	2.9	110
573	Search for Neutral Higgs Bosons in Multi-b-Jet Events in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96 \text{ TeV}$. Physical Review Letters, 2008, 101, 221802.	2.9	15
574	Search for Flavor-Changing-Neutral-Current Meson Decays. Physical Review Letters, 2008, 100, 101801.	2.9	19
575	Search for Large Extra Dimensions via Single Photon plus Missing Energy Final States at $\sqrt{s} = 1.96 \text{ TeV}$. Physical Review Letters, 2008, 101, 011801.	2.9	47
576	Production in $Z \rightarrow \nu\bar{\nu} + \nu\bar{\nu}$. Physical Review Letters, 2008, 101, 011801.	2.9	28

#	ARTICLE	IF	CITATIONS
577	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msup} \langle \text{mml:mi} \rangle W \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{=}^2 \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{Boson Resonances Decaying to a Top Quark and a Bottom Quark. Physical Review Letters, 2008, 100, 211803.}$	2.9	51
578	Combined performance tests before installation of the ATLAS Semiconductor and Transition Radiation Tracking Detectors. Journal of Instrumentation, 2008, 3, P08003-P08003.	0.5	42
579	Alignment of the Pixel and SCT Modules for the 2004 ATLAS Combined Test Beam. Journal of Instrumentation, 2008, 3, P09004-P09004.	0.5	4
580	The integration and engineering of the ATLAS SemiConductor Tracker Barrel. Journal of Instrumentation, 2008, 3, P10006-P10006.	0.5	13
581	Engineering for the ATLAS SemiConductor Tracker (SCT) End-cap. Journal of Instrumentation, 2008, 3, P05002-P05002.	0.5	5
582	The data acquisition and calibration system for the ATLAS Semiconductor Tracker. Journal of Instrumentation, 2008, 3, P01003-P01003.	0.5	16
583	The optical links of the ATLAS SemiConductor Tracker. Journal of Instrumentation, 2007, 2, P09003-P09003.	0.5	28
584	Search for Stopped Gluinos from $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 131801.	2.9	37
585	Large area strip edgeless detectors fabricated by plasma etching process. , 2007, , .		0
586	Measurement of the shape of the boson rapidity distribution for $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 76, .	1.6	101
587	Pitch adaptors of the ATLAS-SCT Endcap detector modules. Journal of Instrumentation, 2007, 2, T10001-T10001.	0.5	1
588	ATLAS silicon module assembly and qualification tests at IFIC Valencia. Journal of Instrumentation, 2007, 2, T05001-T05001.	0.5	0
589	Study of multi-muon bundles in cosmic ray showers detected with the DELPHI detector at LEP. Astroparticle Physics, 2007, 28, 273-286.	1.9	47
590	The silicon microstrip sensors of the ATLAS semiconductor tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 578, 98-118.	0.7	63
591	Characterization of irradiated detectors fabricated on p-type silicon substrates for super-LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 583, 33-36.	0.7	5
592	Laser tests of silicon detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 573, 12-15.	0.7	5
593	Characterisation of p-type detectors for the future Super-LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 579, 604-607.	0.7	0
594	Search for pentaquarks in the hadronic decays of the Z boson with the DELPHI detector at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 653, 151-160.	1.5	5

#	ARTICLE	IF	CITATIONS
595	Search for a fourth generation b^c -quark at LEP-II at $\sqrt{s} = 196$ GeV. European Physical Journal C, 2007, 50, 507-518.	1.4	4
596	Investigation of Colour Reconnection in WW events with the DELPHI detector at LEP-2. European Physical Journal C, 2007, 51, 249.	1.4	15
597	Z^0 production in e^+e^- interactions at $\sqrt{s} = 183$ -209 GeV. European Physical Journal C, 2007, 51, 503-523.	1.4	3
598	Study of triple-gauge-boson couplings ZZZ, ZZ^0Z^0 and $Z^0Z^0Z^0$ at LEP. European Physical Journal C, 2007, 51, 525-542.	1.4	24
599	The ATLAS semiconductor tracker end-cap module. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 575, 353-389.	0.7	65
600	Ultimate limits for the radiation hardness of silicon strip detectors for sLHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 365-367.	0.7	2
601	Measurement of the $\tilde{t}\tilde{t}^*$ production cross section in pp collisions at $\sqrt{s} = 1.96$ TeV using secondary vertex tagging. Physical Review D, 2006, 74.	1.6	44
602	Search for $\tilde{t}\tilde{t}^*$ production in pp collisions at $\sqrt{s} = 1.96$ TeV using secondary vertex tagging. Physical Review D, 2006, 74.	1.5	11
603	Measurement of the isolated photon cross section in pp collisions at $\sqrt{s} = 1.96$ TeV using secondary vertex tagging. Physical Review D, 2006, 74.	1.5	18
604	Measurement of the isolated photon cross section in pp collisions at $\sqrt{s} = 1.96$ TeV using secondary vertex tagging. Physical Review D, 2006, 74.	1.5	81
605	Masses, lifetimes and production rates of $\tilde{t}\tilde{t}^*$ production in pp collisions at $\sqrt{s} = 1.96$ TeV using secondary vertex tagging. Physical Review D, 2006, 74.	1.5	19
606	Search for neutral MSSM Higgs bosons at LEP. European Physical Journal C, 2006, 47, 547.	1.5	3
607	Study of leading hadrons in gluon and quark fragmentation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 643, 147-157.	1.5	6
608	Evidence for an excess of soft photons in hadronic decays of Z^0 . European Physical Journal C, 2006, 47, 273-294.	1.4	42
609	Search for neutral MSSM Higgs bosons at LEP. European Physical Journal C, 2006, 47, 547.	1.4	592
610	The barrel modules of the ATLAS semiconductor tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 568, 642-671.	0.7	79
611	Search for Associated Higgs Boson Production $WH^0 \rightarrow WW^* \rightarrow l^+l^- + \tilde{t}\tilde{t}^*$ in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 151804.	2.9	13
612	Development of radiation tolerant semiconductor detectors for the Super-LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 546, 99-107.	0.7	29

#	ARTICLE	IF	CITATIONS
613	Coherent soft particle production in Z decays into three jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 605, 37-48.	1.5	5
614	Radiation-hard semiconductor detectors for SuperLHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 541, 189-201.	0.7	55
615	Design and performance of the ABCD3TA ASIC for readout of silicon strip detectors in the ATLAS semiconductor tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 552, 292-328.	0.7	104
616	Recent advancements in the development of radiation hard semiconductor detectors for S-LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 552, 7-19.	0.7	33
617	Measurement of Dijet Azimuthal Decorrelations at Central Rapidities in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 94, 221801.	2.9	76
618	Measurement of Inclusive Differential Cross Sections for $\Upsilon(1S)$ Production in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 94, 232001.	2.9	49
619	Observation and Properties of the $X(3872)$ Decaying to $J/\psi + \pi^0$ in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2004, 93, 162002.	2.9	494
620	Measurement of the $\hat{b}0$ decay form factor. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 585, 63-84.	1.5	28
621	Search for single top production via FCNC at LEP at $\sqrt{s}=189$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 590, 21-34.	1.5	39
622	High-pitch metal-on-glass technology for pad pitch adaptation between detectors and readout electronics. IEEE Transactions on Nuclear Science, 2004, 51, 968-974.	1.2	13
623	A measurement of the branching fractions of the b-quark into charged and neutral b-hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 576, 29-42.	1.5	17
624	Measurement of inclusive $f_1(1285)$ and $f_1(1420)$ production in Z decays with the DELPHI detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 569, 129-139.	1.5	7
625	Search for doubly charged Higgs bosons at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 552, 127-137.	1.5	63
626	Inclusive b decays to wrong sign charmed mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 26-40.	1.5	3
627	Study of inclusive J/ψ production in two-photon collisions at LEP II with the DELPHI detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 76-86.	1.5	37
628	Silicon microstrip detectors for the ATLAS SCT. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 485, 84-88.	0.7	31
629	Search for charged Higgs bosons in e^+e^- collisions at $s=189$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 525, 17-28.	1.5	12
630	Rapidity-alignment and p_T compensation of particle pairs in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 533, 243-252.	1.5	2

#	ARTICLE	IF	CITATIONS
631	Measurement of the ZZ cross-section in e^+e^- interactions at $183 \leq \sqrt{s} < 189$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 497, 199-213.	1.5	6
632	Search for R-parity violation with a coupling at \hat{A} GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 500, 22-36.	1.5	13
633	Search for the Standard Model Higgs boson at LEP in the year 2000. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 499, 23-37.	1.5	65
634	Measurement of trilinear gauge boson couplings WWV , ($V = \gamma, Z, \hat{1}^3$) in e^+e^- collisions at 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 502, 9-23.	1.5	29
635	Search for spontaneous R-parity violation at \hat{A} GeV and 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 502, 24-36.	1.5	11
636	Update of the search for supersymmetric particles in scenarios with gravitino LSP and sleptons NLSP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 34-48.	1.5	4
637	Search for a fermiophobic Higgs at LEP 2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 507, 89-103.	1.5	25
638	Measurement of the mass and width of the W boson in e^+e^- collisions at \hat{A} GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 511, 159-177.	1.5	15
639	Measurement of V_{cb} from the decay process. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 510, 55-74.	1.5	35
640	Single intermediate vector boson production in e^+e^- collisions at $\sqrt{s}=183$ and 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 515, 238-254.	1.5	8
641	Measurement of the branching fraction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 407-428.	1.5	13
642	Inclusive $\hat{1}^+ \hat{1}^-$ and $\hat{1}^0(1520)$ production in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 429-447.	1.5	11
643	Search for heavy stable and long-lived particles in e^+e^- collisions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 478, 65-72.	1.5	21
644	Determination of $ V_{ub} / V_{cb} $ with DELPHI at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 478, 14-30.	1.5	26
645	Search for charginos in e^+e^- interactions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 129-143.	1.5	8
646	W pair production cross-section and W branching fractions in e^+e^- interactions at 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 89-100.	1.5	21
647	Measurement and interpretation of fermion-pair production at LEP energies of 183 and 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 485, 45-61.	1.5	51
648	Update of the search for charginos nearly mass-degenerate with the lightest neutralino. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 485, 95-106.	1.5	11

#	ARTICLE	IF	CITATIONS
649	Search for SUSY with R-parity violating couplings at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 36-52.	1.5	17
650	Rapidity-rank structure of pairs in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 490, 61-70.	1.5	3
651	Limits on the masses of supersymmetric particles at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 489, 38-54.	1.5	12
652	Determination of the $e^+e^- \rightarrow \tau^+ \tau^- \hat{1}^3 (\hat{1}^3)$ cross-section at centre-of-mass energies ranging from 189 GeV to 202 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 491, 67-80.	1.5	15
653	Search for the sgoldstino at from 189 to 202 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 494, 203-214.	1.5	7
654	Upper limit for the decay and measurement of the branching ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 496, 43-58.	1.5	13
655	Search for supersymmetric partners of top and bottom quarks at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 496, 59-75.	1.5	15
656	$\hat{1}^b$ polarization in Z0 decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 474, 205-222.	1.5	14
657	Two-dimensional analysis of the Bose-Einstein correlations in $e^+e^- \rightarrow \tau^+ \tau^-$ annihilation at the Z0 peak. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 471, 460-470.	1.5	31
658	Search for Leptoquarks and FCNC in $e^+e^- \rightarrow \tau^+ \tau^-$ annihilations at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 446, 62-74.	1.5	31
659	Study of the four-jet anomaly observed at LEP centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 448, 311-319.	1.5	0
660	Measurement of inclusive $\hat{1}^0, f_0(980), f_2(1270), K$ and $\hat{1}^2(1525)$ production in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 449, 364-382.	1.5	22
661	The scale dependence of the hadron multiplicity in quark and gluon jets and a precise determination of CA/CF. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 449, 383-400.	1.5	44
662	Energy dependence of event shapes and of $\hat{1}^{\pm s}$ at LEP 2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 456, 322-340.	1.5	48
663	W pair production cross-section and W branching fractions in $e^+e^- \rightarrow \tau^+ \tau^-$ interactions at 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 456, 310-321.	1.5	8
664	Multiplicity fluctuations in one- and two-dimensional angular intervals compared with analytic QCD calculations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 457, 368-382.	1.5	10
665	A search for invisible Higgs bosons produced in $e^+e^- \rightarrow \tau^+ \tau^-$ interactions at LEP 2 energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 367-381.	1.5	6
666	Search for the Higgs boson in events with isolated photons at LEP 2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 458, 431-446.	1.5	15

#	ARTICLE	IF	CITATIONS
667	Energy dependence of inclusive spectra in e^+e^- annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 397-411.	1.5	32
668	Measurements of the trilinear gauge boson couplings WWV ($V = \gamma, Z$) in e^+e^- collisions at 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 382-396.	1.5	22
669	Measurement of the rate of events in hadronic Z decays and the extraction of the gluon splitting into. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 462, 425-439.	1.5	19
670	Search for chargino pair production in scenarios with gravitino LSP and stau NLSP at GeV at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 466, 61-70.	1.5	2
671	Search for scalar fermions and long-lived scalar leptons at centre-of-mass energies of 130 GeV to 172 GeV. European Physical Journal C, 1999, 6, 385-401.	1.4	5
672	Search for pair-produced neutralinos in events with photons and missing energy from e^+e^- collisions at $\sqrt{s} = 130 - 183$ GeV. European Physical Journal C, 1999, 6, 371-384.	1.4	4
673	Search for charged Higgs bosons at LEP 2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 460, 484-497.	1.5	10
674	Measurement of the mass of the W boson using direct reconstruction at $\sqrt{s} = 183$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 462, 410-424.	1.5	18
675	Search for pair-produced neutralinos in events with photons and missing energy from. European Physical Journal C, 1999, 6, 371.	1.4	5
676	Search for scalar fermions and long-lived scalar leptons at centre-of-mass energies of 130 GeV to 172 GeV. European Physical Journal C, 1999, 6, 385.	1.4	7
677	Search for charginos, neutralinos and gravitinos at LEP. European Physical Journal C, 1998, 1, 1.	1.4	14
678	Two-particle angular correlations in e^+e^- interactions compared with QCD predictions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 440, 203-216.	1.5	6
679	Performance of the ATLAS silicon strip detector modules. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 403, 247-255.	0.7	3
680	Beam test of the ATLAS silicon detector modules. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 409, 236-239.	0.7	4
681	Charged particle multiplicity in events at 161 and 172 GeV and from the decay of the W boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 416, 233-246.	1.5	14
682	Rapidity correlations in Λ baryon and proton production in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 416, 247-256.	1.5	11
683	mb at MZ. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 418, 430-442.	1.5	48
684	Search for charged Higgs bosons in e^+e^- collisions at $\sqrt{s} = 172$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 420, 140-156.	1.5	10

#	ARTICLE	IF	CITATIONS
685	Measurement of trilinear gauge couplings in e^+e^- collisions at 161 GeV and 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 423, 194-206.	1.5	29
686	Measurement of the inclusive charmless and double-charm B branching ratios. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 193-206.	1.5	7
687	Measurement of the charged particle multiplicity of weakly decaying B hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 425, 399-412.	1.5	6
688	First evidence for a charm radial excitation, D. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 231-242.	1.5	37
689	A study of the hadronic resonance structure in the decay $\tilde{\chi}_1^0 \rightarrow 3\tilde{\chi}_1^{\pm/2}\tilde{\chi}_1^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 411-427.	1.5	28
690	Measurement of the $e^+e^- \rightarrow \tau^+\tau^-\tilde{\chi}_1^0(\tilde{\chi}_3^0)$ cross section at the LEP energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 433, 429-440.	1.5	12
691	Measurement of $ V_{cs} $ using W decays at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 439, 209-224.	1.5	22
692	A search for $\tilde{\chi}_1^0 \rightarrow c$ production in photon-photon fusion at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 441, 479-490.	1.5	18
693	A search for heavy stable and long-lived squarks and sleptons in e^+e^- collisions at energies from 130 to 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 444, 491-502.	1.5	25
694	Search for charginos, neutralinos and gravitinos at LEP. European Physical Journal C, 1998, 1, 1-20.	1.4	57
695	Measurement and interpretation of the W-pair cross-section in e^+e^- interactions at 161 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 397, 158-170.	1.5	42
696	Identified particles in quark and gluon jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 118-130.	1.5	3
697	Measurement of the transverse spin correlation in $Z \rightarrow \tilde{\chi}_1^0, \tilde{\chi}_1^{\pm}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 404, 194-206.	1.5	4
698	Search for excited leptons in e^+e^- collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 393, 245-260.	1.5	10
699	Search for stable heavy charged particles in e^+e^- collisions at , 161 and 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 396, 315-326.	1.5	19
700	Search for the Bc meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 398, 207-222.	1.5	28
701	A measurement of $\tilde{\chi}_1^0$ from the scaling violation in e^+e^- annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 398, 194-206.	1.5	18
702	Measurement of correlations between pions from different W's in $e^+e^- \rightarrow \tau^+W+W^-$ events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 181-191.	1.5	24

#	ARTICLE	IF	CITATIONS
703	Measurement of the multiplicity of gluons splitting to bottom quark pairs in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 405, 202-214.	1.5	21
704	Measurement of the spin density matrix for the $\tilde{J}_{\pm 0}$, $K\hat{a}^{-0}(892)$ and F produced in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 406, 271-286.	1.5	35
705	Search for Bs0- oscillations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 382-400.	1.5	5
706	Measurement of the triple gluon vertex from double quark tagged 4-jet events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 401-418.	1.5	11
707	Observation of charge-ordering in particle production in hadronic Z0 decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 174-184.	1.5	14
708	Search for high mass $\tilde{\chi}^0_1$ resonances in $e^+e^- \rightarrow e^+e^-\gamma\gamma$, $e^+e^- \rightarrow \mu^+\mu^-\gamma\gamma$ and $e^+e^- \rightarrow q\bar{q}\gamma\gamma$ at LEP. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 179-190.	1.5	3
709	Study of rare decays with the DELPHI detector at LEP. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 207-220.	1.5	26
710	A precise measurement of the tau lepton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 365, 448-460.	1.5	16
711	Charged particle multiplicity in e^+e^- interactions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 372, 172-180.	1.5	28
712	Search for exclusive decays of the \hat{b} baryon and measurement of its mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 374, 351-361.	1.5	26
713	Updated precision measurement of the average lifetime of B hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 195-204.	1.5	9
714	First measurement of $f_2(1525)$ production in Z0 hadronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 379, 309-318.	1.5	6
715	Kaon interference in the hadronic decays of the Z0. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 379, 330-340.	1.5	21
716	Search for anomalous production of single photons at and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 380, 471-479.	1.5	18
717	Study of radiative leptonic events with hard photons and search for excited charged leptons at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 380, 480-490.	1.5	18
718	Search for the lightest chargino at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 382, 323-336.	1.5	16
719	Search for neutralinos, scalar leptons and scalar quarks in e^+e^- interactions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 387, 651-666.	1.5	14
720	Performance of the DELPHI detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 378, 57-100.	0.7	294

#	ARTICLE	IF	CITATIONS
721	An upper limit for $\text{Br}(Z0 \rightarrow \text{ggg})$ from symmetric 3-jet $Z0$ hadronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 405-415.	1.5	1
722	Mean lifetime of the B_s^0 meson. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 11-30.	1.5	2
723	Measurement of the B^0_d oscillation frequency using kaons, leptons and jet charge. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 17-30.	1.5	3
724	B^* production in Z decays. Zeitschrift für Physik C-Particles and Fields, 1995, 68, 353-362.	1.5	13
725	Lifetime of charged and neutral B hadrons using event topology. Zeitschrift für Physik C-Particles and Fields, 1995, 68, 363-374.	1.5	14
726	First evidence of hard scattering processes in single tagged $\hat{p}\hat{p}$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 342, 402-416.	1.5	12
727	Observation of orbitally excited B mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 598-608.	1.5	76
728	Production of charged particles, K_S^0 , K_{\pm}^0 , p and \bar{p} in events and in the decay of b hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 347, 447-466.	1.5	38
729	Observation of short range three-particle correlations in e^+e^- annihilations at LEP energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 355, 415-424.	1.5	28
730	Search for exclusive charmless B meson decays with the DELPHI detector at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 255-266.	1.5	7
731	A measurement of the \bar{B}_d leptonic branching fractions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 715-724.	1.5	10
732	Upper limits on the branching ratios $\bar{B}_d \rightarrow \bar{c}l^+l^-$ and $\bar{B}_d \rightarrow \bar{c}e^+e^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 359, 411-421.	1.5	9
733	Measurement of $\hat{c}^+(1232)$ production in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 361, 207-220.	1.5	13
734	Strange baryon production in Z hadronic decays. Zeitschrift für Physik C-Particles and Fields, 1995, 67, 543-553.	1.5	29
735	Measurement of $\frac{\Gamma(\bar{b} \rightarrow \bar{c}l^+l^-)}{\Gamma(\bar{b} \rightarrow \bar{c})}$ using impact parameter measurements and lepton identification. Zeitschrift für Physik C-Particles and Fields, 1995, 66, 323-339.	1.5	23
736	Measurement of the forward-backward asymmetry of charm and bottom quarks at the Z pole using $D^*_{s1/2}$ mesons. Zeitschrift für Physik C-Particles and Fields, 1995, 66, 341-354.	1.5	5
737	Search for heavy neutral Higgs bosons in two-doublet models. Zeitschrift für Physik C-Particles and Fields, 1995, 67, 69-79.	1.5	13
738	Measurements of the \bar{B}_d polarisation in $Z0$ decays. Zeitschrift für Physik C-Particles and Fields, 1995, 67, 183-201.	1.5	21

#	ARTICLE	IF	CITATIONS
739	Measurement of the $\Gamma_{\bar{b}}/\Gamma_{\text{had}}$ branching ratio of the Z^0 by double hemisphere tagging. Zeitschrift für Physik C-Particles and Fields, 1995, 65, 555-568.	1.5	16
740	Measurement of the forward-backward asymmetry of $e^+e^- \rightarrow \bar{b}b$ using prompt leptons and a lifetime tag. Zeitschrift für Physik C-Particles and Fields, 1995, 65, 569-585.	1.5	17
741	Production characteristics of K^0 and light meson resonances in hadronic decays of the Z^0 . Zeitschrift für Physik C-Particles and Fields, 1995, 65, 587-602.	1.5	43
742	A study of radiative muon-pair events at Z^0 energies and limits on an additional Z^2 gauge boson. Zeitschrift für Physik C-Particles and Fields, 1995, 65, 603-618.	1.5	29
743	A measurement of B^+ and B^0 lifetimes using ΔE events. Zeitschrift für Physik C-Particles and Fields, 1995, 68, 13-23.	1.5	6
744	Inclusive measurements of the production in hadronic Z^0 decays. Nuclear Physics B, 1995, 444, 3-26.	0.9	47
745	J/ψ production in the hadronic decays of the Z^0 . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 341, 109-122.	1.5	28
746	A measurement of the B_s^0 meson mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 324, 500-508.	1.5	14
747	Interference of neutral kaons in the hadronic decays of the Z^0 . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 323, 242-252.	1.5	13
748	Charged kaon production in tau decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 334, 435-449.	1.5	15
749	Measurement of the $e^+e^- \rightarrow \tau^+ \tau^- \tau^0$ cross section at LEP energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 327, 386-396.	1.5	30
750	Measurement of the mixing using the average electric charge of hadron-jets in Z^0 -decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 459-472.	1.5	10
751	Measurement of the mixing parameter in DELPHI. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 488-500.	1.5	10
752	Measurement of time dependent mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 338, 409-420.	1.5	13
753	Production rate and decay lifetime measurements of B^0 mesons at LEP using D^0 and η mesons. Zeitschrift für Physik C-Particles and Fields, 1994, 61, 407-419.	1.5	12
754	Study of hard scattering processes in multihadron production from $q\bar{q}$ collisions at LEP. Zeitschrift für Physik C-Particles and Fields, 1994, 62, 357-365.	1.5	13
755	Search for pair-produced heavy scalars in Z^0 decays. Zeitschrift für Physik C-Particles and Fields, 1994, 64, 183-193.	1.5	11
756	A precision measurement of the average lifetime of B hadrons. Zeitschrift für Physik C-Particles and Fields, 1994, 63, 3-15.	1.5	10

#	ARTICLE	IF	CITATIONS
757	Invariant mass dependence of particle correlations in hadronic final states from the decay of the Z^0 . Zeitschrift für Physik C-Particles and Fields, 1994, 63, 17-28.	1.5	27
758	Search for the standard model Higgs boson in Z^0 decays. Nuclear Physics B, 1994, 421, 3-37.	0.9	28
759	Improved measurements of cross sections and asymmetries at the Z^0 resonance. Nuclear Physics B, 1994, 418, 403-427.	0.9	64
760	Measurements of the lineshape of the Z^0 and determination of electroweak parameters from its hadronic and leptonic decays. Nuclear Physics B, 1994, 417, 3-57.	0.9	24
761	A measurement of the tau lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 302, 356-368.	1.5	17
762	A measurement of the mean lifetimes of charged and neutral B-hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 312, 253-266.	1.5	15
763	Measurement of $\hat{b}\hat{b}$ production and lifetime in Z^0 hadronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 311, 379-390.	1.5	26
764	Determination of $\hat{I}\pm S$ from the scaling violation in the fragmentation functions in e^+e^- annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 311, 408-424.	1.5	41
765	A study of $B^0\hat{a}^0$ mixing using semileptonic decays of B hadrons produced from Z^0 . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 301, 145-154.	1.5	16
766	Limits on the production of scalar leptoquarks from Z^0 decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 620-630.	1.5	29
767	Production of \hat{b} and \hat{b} correlations in the hadronic decays of the Z^0 . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 318, 249-262.	1.5	45
768	Measurement of the triple-gluon vertex from 4-jet events at LEP. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 357-368.	1.5	34
769	Determination of α_s using the next-to-leading-log approximation of QCD. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 21-33.	1.5	29
770	A measurement of D meson production in Z^0 hadronic decays. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 533-545.	1.5	27
771	A measurement of B meson production and lifetime using $D\hat{a}^0$ events in Z^0 decays. Zeitschrift für Physik C-Particles and Fields, 1993, 57, 181-195.	1.5	29
772	Determination of $\hat{I}\pm S$ for b quarks at the Z^0 resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 307, 221-236.	1.5	19
773	Search for Z^0 decays to two leptons and a charged particle-antiparticle pair. Nuclear Physics B, 1993, 403, 3-24.	0.9	7
774	Determination of α_s in second order QCD from hadronic Z^0 decays. Zeitschrift für Physik C-Particles and Fields, 1992, 54, 55-73.	1.5	36

#	ARTICLE	IF	CITATIONS
775	Multiplicity dependence of mean transverse momentum in e^+e^- annihilations at LEP energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 276, 254-262.	1.5	6
776	A search for neutral Higgs particles in Z^0 decays. Nuclear Physics B, 1992, 373, 3-34.	0.9	38
777	Multiplicity fluctuations in hadronic final states from the decay of the Z^0 . Nuclear Physics B, 1992, 386, 471-492.	0.9	23
778	Evidence for B_S^0 meson production in Z^0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 289, 199-210.	1.5	38
779	Measurement of the partial width of the Z^0 into $b\bar{b}$ final states using their semi-leptonic decays. Zeitschrift für Physik C-Particles and Fields, 1992, 56, 47-61.	1.5	22
780	Search for excited charged leptons in Z^0 decays. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 41-49.	1.5	16
781	Study of final state photons in hadronic Z^0 decay and limits on new phenomena. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 555-565.	1.5	25
782	Measurement of the average lifetime of B hadrons. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 567-580.	1.5	18
783	A study of the decays of tau leptons produced on the Z resonance at LEP. Zeitschrift für Physik C-Particles and Fields, 1992, 55, 555-567.	1.5	29
784	Bose-Einstein correlations in the hadronic decays of the Z^0 . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 286, 201-210.	1.5	69
785	Searches for heavy neutrinos from Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 274, 230-238.	1.5	22
786	Search for scalar leptoquarks from Z^0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 275, 222-230.	1.5	22
787	Production of strange particles in the hadronic decays of the Z^0 . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 275, 231-242.	1.5	43
788	Measurement of the Z^0 branching fraction to b quark pairs using the boosted sphericity product. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 281, 383-393.	1.5	9
789	A measurement of the b forward-backward asymmetry using the semileptonic decay into muons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 276, 536-546.	1.5	21
790	Study of orientation of three-jet events in Z^0 hadronic decays using the DELPHI detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 274, 498-506.	1.5	13
791	Classification of the hadronic decays of the Z^0 into b and c quark pairs using a neural network. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 383-395.	1.5	36
792	Determination of Z^0 resonance parameters and couplings from its hadronic and leptonic decays. Nuclear Physics B, 1991, 367, 511-574.	0.9	65

#	ARTICLE	IF	CITATIONS
793	Charged particle multiplicity distributions in restricted rapidity intervals in Z^0 hadronic decays. Zeitschrift für Physik C-Particles and Fields, 1991, 52, 271-281.	1.5	52
794	The reaction $e^+e^- \rightarrow \mu^+\mu^- \gamma$ at Z^0 energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 268, 296-304.	1.5	32
795	A measurement of the lifetime of the tau lepton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 267, 422-430.	1.5	17