

Miloš; Lokajš-cek

List of Publications by Year in descending order

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753
papers

33,739
citations

4658

85
h-index

11607

135
g-index

777
all docs

777
docs citations

777
times ranked

11297
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of the ATLAS Level-1 topological trigger in Run 2. European Physical Journal C, 2022, 82, 1.	3.9	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, .	3.9	14
3	Search for exotic decays of the Higgs boson into $b\bar{b}$ and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
4	Observation of electroweak production of two jets in association with an isolated photon and missing transverse momentum, and search for a Higgs boson decaying into invisible particles at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, 1.	3.9	8
5	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with 139 fb^{-1} of pp collision data at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	10
6	AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	2.9	23
7	Measurement of the energy response of the ATLAS calorimeter to charged pions from $W^{\pm} \rightarrow \mu^{\pm} \nu_{\mu} (\rightarrow \pi^{\pm} \nu_{\pi}) \nu_{\tau}$ events in Run 2 data. European Physical Journal C, 2022, 82, 1.	3.9	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.	3.9	5
9	Search for flavour-changing neutral-current interactions of a top quark and a gluon in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	7
10	Measurement of the energy asymmetry in $t\bar{t}$ production at $\sqrt{s}=13$ TeV with the ATLAS experiment and interpretation in the SMEFT framework. European Physical Journal C, 2022, 82, .	3.9	2
11	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s} = 7, 8$ and 13 TeV. European Physical Journal C, 2022, 82, 1.	3.9	12
12	Measurement of hadronic event shapes in high-pT multijet final states at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
13	Study of the normalized transverse momentum distribution of W bosons produced in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	2
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.	4.7	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.	3.9	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.	3.9	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.	4.7	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.	3.9	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.	4.7	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.	4.7	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.	4.7	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.	4.7	22
23	Prospects for beyond the Standard Model physics searches at the Deep Underground Neutrino Experiment. European Physical Journal C, 2021, 81, 322.	3.9	69
24	Search for pair production of scalar leptoquarks decaying into first- or second-generation leptons and top quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	18
25	Optimisation of large-radius jet reconstruction for the ATLAS detector in 13 TeV proton-proton collisions. European Physical Journal C, 2021, 81, 1.	3.9	15
26	Search for heavy resonances decaying into a pair of Z bosons in the $e^+e^- \rightarrow e^+e^- Z Z$ and $e^+e^- \rightarrow e^+e^- u \bar{u}$ final states using 139 fb ⁻¹ of proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	40
27	Search for new phenomena in final states with b-jets and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	18
28	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $e^+e^- \rightarrow e^+e^- b \bar{b}$ 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.	3.9	26
29	Supernova neutrino burst detection with the Deep Underground Neutrino Experiment. European Physical Journal C, 2021, 81, 1.	3.9	62
30	Search for doubly and singly charged Higgs bosons decaying into vector bosons in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	23
31	Measurements of $W+W\gamma + \text{1 jet}$ production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
32	Search for charged Higgs bosons decaying into a top quark and a bottom quark at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	46
33	Measurements of Higgs bosons decaying to bottom quarks from vector boson fusion production with the ATLAS experiment at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	14
34	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a $\bar{\nu}_\tau$ -lepton in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	27
35	Search for supersymmetry in events with four or more charged leptons in 139 fb ⁻¹ of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
36	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.	4.7	10

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37	Measurements of differential cross-sections in four-lepton events in 13 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
38	A search for the decays of stopped long-lived particles at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
39	Muon reconstruction and identification efficiency in ATLAS using the full Run 2 pp collision data set at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	82
40	Search for squarks and gluinos in final states with one isolated lepton, jets, and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	13
41	Measurement of single top-quark production in association with a W boson in the single-lepton channel at $\sqrt{s} = 8, \sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	3
42	Jet energy scale and resolution measured in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	64
43	Measurements of the inclusive and differential production cross sections of a top-quark-antiquark pair in association with a Z boson at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	12
44	Search for dark matter produced in association with a single top quark in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	9
45	Measurements of top-quark pair single- and double-differential cross-sections in the all-hadronic channel in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
46	Search for phenomena beyond the Standard Model in events with large b-jet multiplicity using the ATLAS detector at the LHC. European Physical Journal C, 2021, 81, 1.	3.9	5
47	Search for dark matter in events with missing transverse momentum and a Higgs boson decaying into two photons in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
48	Search for Active-Sterile Antineutrino Mixing Using Neutral-Current Interactions with the NOvA Experiment. Physical Review Letters, 2021, 127, 201801.	7.8	10
49	Search for R-parity-violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment using $\sqrt{s} = 13$ TeV proton-proton collision data. European Physical Journal C, 2021, 81, 1.	3.9	7
50	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
51	Search for dark matter produced in association with a Standard Model Higgs boson decaying into b-quarks using the full Run 2 dataset from the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
52	Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
53	Search for exotic decays of the Higgs boson into long-lived particles in pp collisions at $\sqrt{s} = 13$ TeV using displaced vertices in the ATLAS inner detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
54	Search for chargino-neutralino pair production in final states with three leptons and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	28

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55	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1.	3.9	7
56	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.	4.7	3
57	Measurements of inclusive and differential cross-sections of combined $t\bar{t}\gamma$ and tW^{13} production in the $e^{1/4}$ channel at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	3
58	Performance of the missing transverse momentum triggers for the ATLAS detector during Run-2 data taking. Journal of High Energy Physics, 2020, 2020, 1.	4.7	17
59	Measurement of neutrino-induced neutral-current coherent $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-family: monospace; font-size: 0.8em;">\mathbb{E} \rangle$ production in the NOvA near detector. Physical Review D, 2020, 102, .	4.7	14
60	Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
61	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the 4ℓ decay channel at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	32
62	Fluctuations of anisotropic flow in Pb+Pb collisions at $\sqrt{\langle \text{mathrm{s} \rangle_{\text{mathrm{NN}}} \rangle} = 5.02$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	28
63	Search for direct production of electroweakinos in final states with one lepton, missing transverse momentum and a Higgs boson decaying into two b-jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	34
64	Measurement of differential cross sections for single diffractive dissociation in $\sqrt{s} = 8$ TeV pp collisions using the ATLAS ALFA spectrometer. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8
65	Measurement of isolated-photon plus two-jet production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	3
66	Measurements of the production cross-section for a Z boson in association with b-jets in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
67	Search for the $HH \rightarrow b\bar{b}$ process via vector-boson fusion production using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	17
68	Observation of the associated production of a top quark and a Z boson in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
69	Measurement of the transverse momentum distribution of Drell-Yan lepton pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	28
70	Supernova neutrino detection in NOvA. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 014-014.	5.4	9
71	Long-baseline neutrino oscillation physics potential of the DUNE experiment. European Physical Journal C, 2020, 80, 1.	3.9	93
72	Search for direct production of electroweakinos in final states with missing transverse momentum and a Higgs boson decaying into photons in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4

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73	Measurements of top-quark pair spin correlations in the $\mu\mu$ channel at $\sqrt{s} = 13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	22
74	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $\sqrt{s} = 13$ TeV proton-proton collisions recorded by ATLAS in Run 2 of the LHC. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
75	Volume III. DUNE far detector technical coordination. Journal of Instrumentation, 2020, 15, T08009-T08009.	1.2	25
76	Higgs boson production cross-section measurements and their EFT interpretation in the $b\bar{b}$ decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	41
77	$X = \frac{3872}{2\sqrt{s}} \frac{T_j}{E_{TQq1}} \frac{1}{0.784314} \frac{rg_{BT}}{Overlock} \frac{10}{Tf} \frac{50}{587} \frac{Td}{(stretchy="false")}$	4.7	2
78	Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	36
79	Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fb^{-1} of data collected with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	19
80	Search for dijet resonances in events with an isolated charged lepton using $\sqrt{s} = 13$ TeV proton-proton collision data collected by the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	7
81	Measurement of the $Z(\hat{a}^+ \hat{a}^-, \hat{a}^0, \hat{a}^{\pm})^3$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	9
82	Measurement of long-range two-particle azimuthal correlations in Z-boson tagged pp collisions at $\sqrt{s} = 8$ TeV and 13 TeV. European Physical Journal C, 2020, 80, 1.	3.9	5
83	Transverse momentum and process dependent azimuthal anisotropies in $\sqrt{s} = 8.16$ TeV p+Pb collisions with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	12
84	Measurement of J/ψ production in association with a W_{\pm} boson with pp data at 8 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	10
85	Search for new resonances in mass distributions of jet pairs using 139 fb^{-1} of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	68
86	Search for $\overline{t}t$ resonances in fully hadronic final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
87	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.	4.7	8
88	Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1.	3.9	93
89	Search for electroweak production of charginos and sleptons decaying into final states with two leptons and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	124
90	Search for top squarks in events with a Higgs or Z boson using 139 fb^{-1} of pp collision data at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	4

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91	Evidence for $t\bar{t}$ production in the multilepton final state in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	30
92	Search for heavy diboson resonances in semileptonic final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	29
93	Adjusting neutrino interaction models and evaluating uncertainties using NOvA near detector data. European Physical Journal C, 2020, 80, 1.	3.9	17
94	Search for light long-lived neutral particles produced in pp collisions at $\sqrt{s} = 13$ TeV and decaying into collimated leptons or light hadrons with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	21
95	Search for a scalar partner of the top quark in the all-hadronic $t\bar{t}$ plus missing transverse momentum final state at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	36
96	Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1.	3.9	12
97	Determination of jet calibration and energy resolution in proton-proton collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	15
98	Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s} = 13$ TeV pp collision data collected by the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	49
99	Search for long-lived neutral particles in pp collisions at $\sqrt{s} = 13$ TeV that decay into displaced hadronic jets in the ATLAS calorimeter. European Physical Journal C, 2019, 79, 1.	3.9	28
100	Properties of $Z_c^{\pm}(3900)$ produced in $p\bar{p}$ collisions. Physical Review D, 2019, 100, .	4.7	8
101	Search for Higgs boson pair production in the $WW^{(*)}WW^{(*)}$ decay channel using ATLAS data recorded at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	21
102	Search for large missing transverse momentum in association with one top-quark in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	8
103	Measurement of $W^{\pm}Z$ production cross sections and gauge boson polarisation in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	41
104	Searches for third-generation scalar leptoquarks in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	30
105	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.	4.7	15
106	First measurement of neutrino oscillation parameters using neutrinos and antineutrinos by NOvA. Physical Review Letters, 2019, 123, 151803.	7.8	213
107	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.	4.7	20
108	Search for excited electrons singly produced in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS experiment at the LHC. European Physical Journal C, 2019, 79, .	3.9	4

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109	Identification of boosted Higgs bosons decaying into b-quark pairs with the ATLAS detector at 13 TeV. European Physical Journal C, 2019, 79, .	3.9	21
110	Measurement of the cross-section and charge asymmetry of W bosons produced in proton-proton collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	24
111	Measurement of jet-substructure observables in top quark, W boson and light jet production in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	13
112	Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC proton-proton collision data at $\sqrt{s} = 13\text{ TeV}$. European Physical Journal C, 2019, 79, 1.	3.9	77
113	Measurement of distributions sensitive to the underlying event in inclusive Z boson production in pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	3
114	Searches for scalar leptoquarks and differential cross-section measurements in dilepton-dijet events in proton-proton collisions at a centre-of-mass energy of $\sqrt{s} = 13\text{ TeV}$ with the ATLAS experiment. European Physical Journal C, 2019, 79, 1.	3.9	22
115	Search for single production of vector-like quarks decaying into Wb in pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	27
116	Search for top-quark decays $t \rightarrow Hq$ with 36 fb^{-1} of pp collision data at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	19
117	Measurement of VH , $\text{H} \rightarrow \text{b}\overline{\text{b}}$ production as a function of the vector-boson transverse momentum in 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
118	Measurements of W and Z boson production in pp collisions at $\sqrt{s}=5.02\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	17
119	Performance of top-quark and W-boson tagging with ATLAS in Run 2 of the LHC. European Physical Journal C, 2019, 79, 1.	3.9	42
120	Measurements of inclusive and differential fiducial cross-sections of $t\gamma$ production in leptonic final states at $\sqrt{s}=13\text{ TeV}$ in ATLAS. European Physical Journal C, 2019, 79, 1.	3.9	14
121	Electron and photon energy calibration with the ATLAS detector using 2015-2016 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P03017-P03017.	1.2	37
122	Search for doubly charged scalar bosons decaying into same-sign W boson pairs with the ATLAS detector. European Physical Journal C, 2019, 79, 58.	3.9	61
123	Search for heavy Majorana or Dirac neutrinos and right-handed W gauge bosons in final states with two charged leptons and two jets at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	39
124	In situ calibration of large-radius jet energy and mass in 13 TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	28
125	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run 2 data collected in 2015 and 2016. European Physical Journal C, 2019, 79, 1.	3.9	46
126	Measurement of the ratio of cross sections for inclusive isolated-photon production in pp collisions at $\sqrt{s} = 13$ and 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6

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127	Measurement of the top quark mass in the $t \rightarrow t \tilde{\chi}^0$. European Physical Journal C, 2019, 79, 1.	3.9	47
128	Search for pair production of Higgs bosons in the $b\bar{b}$ final state using proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	55
129	A strategy for a general search for new phenomena using data-derived signal regions and its application within the ATLAS experiment. European Physical Journal C, 2019, 79, 1.	3.9	25
130	Measurement of the top-quark mass in $t + 1$ -jet events collected with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	27
131	Measurement of fiducial and differential W^+W^- production cross-sections at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	24
132	Measurement of ZZ production in the $\tilde{\chi}^0\tilde{\chi}^0$ final state with the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
133	Measurement of W^{\pm} -boson and Z-boson production cross-sections in pp collisions at $\sqrt{s}=2.76$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	8
134	Measurement of the inclusive cross-section for the production of jets in association with a Z boson in proton-proton collisions at 8 TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	9
135	Search for heavy neutral leptons in decays of W bosons produced in 13 TeV pp collisions using prompt and displaced signatures with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	50
136	Measurement of W^{\pm} boson production in Pb+Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	17
137	ATLAS b-jet identification performance and efficiency measurement with $t\bar{t}$ events in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	130
138	Measurement of flow harmonics correlations with mean transverse momentum in lead-lead and proton-lead collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	36
139	Measurements of top-quark pair differential and double-differential cross-sections in the $t\bar{t} + \text{jets}$ channel with pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	34
140	Search for bottom-quark pair production with the ATLAS detector in final states containing Higgs bosons, b-jets and missing transverse momentum. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
141	Measurement of the inclusive isolated-photon cross section in pp collisions at $\sqrt{s} = 13$ TeV using 36 fb ⁻¹ of ATLAS data. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
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149	Measurement of quarkonium production in proton-lead and proton-proton collisions at $\sqrt{s}=5.02$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 171.	3.9	75
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158	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the $H \rightarrow aa \rightarrow 4b$ channel in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	28
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201	Measurement of the W-boson mass in pp collisions at $(\sqrt{s}=7, \text{hbox \{TeV\}})$ with the ATLAS detector. , 2018, 78, 1.		1
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435	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb^{-1} of $s \sqrt{s} = 8 \text{ TeV}$ proton-proton collision data with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	12
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440	Measurement of Associated Production of Z Bosons with Charm Quark Jets in pp Collisions at $\sqrt{s} = 1.96 \text{ TeV}$. Physical Review Letters, 2014, 112, 042001.	7.8	17
441	Measurement of the W boson mass with the D0 detector. Physical Review Letters, 2014, 112, 042001.	4.7	21
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445	Measurement of the W boson production charge asymmetry in pp collisions using the $t \bar{t}$ events. Physical Review Letters, 2014, 112, 042001.	4.7	34
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448	Study of C -violating charge asymmetries of single muons and like-sign dimuons in pp collisions. Physical Review D, 2014, 89, .	4.7	39
449	Measurement of the Direct CP-violating Charge Asymmetry in $D_s \hat{A}^\pm \rightarrow \hat{A}^\pm$ Decays. Physical Review Letters, 2014, 112, 111804.	7.8	3
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476	Measurement of dijet cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	36
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479	Search for supersymmetry at $\sqrt{s} = 8$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	45
480	Measurement of the low-mass Drell-Yan differential cross section at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
481	Search for direct top-squark pair production in final states with two leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	59
482	Measurement of c_1 and c_2 production with $\sqrt{s} = 7$ TeV pp collisions at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	32
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488	Measurement of the \overline{t} production cross-section using (emu) events with (b)-tagged jets in (pp) collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. , 2014, 74, 1.		2
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492	Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	137
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500	Measurement of the muon charge asymmetry in \overline{t} events at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	33
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534	Measurement of the differential cross section of photon plus jet production in $t\bar{t}$ production. Physical Review D, 2013, 87, .	4.7	10
535	Search for Higgs boson production in oppositely charged dilepton and missing energy final states in $t\bar{t}$ production. Physical Review D, 2013, 87, .	4.7	31
536	Search for Higgs boson production in oppositely charged dilepton and missing energy final states in $t\bar{t}$ production. Physical Review D, 2013, 87, .	4.7	6
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557	Search for Universal Extra Dimensions in $\mu^+ \mu^-$ Collisions. Physical Review Letters, 2012, 108, 131802.	7.8	6
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620	Measurement of the polarisation of W bosons produced with large transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS experiment. European Physical Journal C, 2012, 72, 1.	3.9	36
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#	ARTICLE	IF	CITATIONS
631	Search for first generation leptoquark pair production in the electron + missing energy + jets final state. <i>Physical Review D</i> , 2011, 84, .	4.7	16
632	Measurement of the anomalous like-sign dimuon charge asymmetry with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mn} \rangle 9 \langle \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \hat{\epsilon} \% \langle \text{mml:mtext} \rangle \langle \text{mml:mtext} \rangle \hat{\epsilon} \% \langle \text{mml:mtext} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \text{fb} \langle \text{mml:mdiv} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\Lambda} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle \text{collisions.}$	4.7	91
633	Physical Review D, 2011, 84, . Direct measurement of the mass difference between top and antitop quarks. <i>Physical Review D</i> , 2011, 84, .	4.7	26
634	Measurement of spin correlation in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{t} \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle \text{t} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\Lambda} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ production using dilepton final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 84, .	4.1	34
635	Measurement of the top quark masses of the top quark from the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal"} \rangle \text{MS} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\Lambda} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ masses of the top quark from the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal"} \rangle \text{MS} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\Lambda} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$	4.1	59
636	Measurements of inclusive $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{W} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mi} \rangle \text{W} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mtext} \rangle \text{jets} \langle \text{mml:mtext} \rangle \langle \text{mml:math} \rangle$	4.1	48
637	Measurements of inclusive $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{W} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mi} \rangle \text{W} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mtext} \rangle \text{jets} \langle \text{mml:mtext} \rangle \langle \text{mml:math} \rangle$ production rates as a function of jet transverse momentum in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal"} \rangle \text{MS} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\Lambda} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$	4.1	13
638	Model-independent measurement of t-channel single top quark production in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{W} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mi} \rangle \text{W} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mtext} \rangle \text{jets} \langle \text{mml:mtext} \rangle \langle \text{mml:math} \rangle$	4.1	35
639	Model-independent measurement of t-channel single top quark production in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{W} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mi} \rangle \text{W} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mtext} \rangle \text{jets} \langle \text{mml:mtext} \rangle \langle \text{mml:math} \rangle$	4.1	7
640	Measurement of inclusive jet and dijet cross sections in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{W} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mi} \rangle \text{W} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mtext} \rangle \text{jets} \langle \text{mml:mtext} \rangle \langle \text{mml:math} \rangle$ proton-proton collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{W} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mi} \rangle \text{W} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mtext} \rangle \text{jets} \langle \text{mml:mtext} \rangle \langle \text{mml:math} \rangle$ 7 TeV centre-of-mass energy with the ATLAS detector. <i>European Physical Journal C</i> , 2011, 71, 1.	4.1	42
641	Measurement of inclusive jet and dijet cross sections in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{W} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mi} \rangle \text{W} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mtext} \rangle \text{jets} \langle \text{mml:mtext} \rangle \langle \text{mml:math} \rangle$ proton-proton collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{W} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mi} \rangle \text{W} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mtext} \rangle \text{jets} \langle \text{mml:mtext} \rangle \langle \text{mml:math} \rangle$ 7 TeV centre-of-mass energy with the ATLAS detector. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	114
642	Measurement of the top quark-pair production cross section with ATLAS in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	146
643	Studies of the performance of the ATLAS detector using cosmic-ray muons. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	17
644	Luminosity determination in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	179
645	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. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	31
646	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. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	18
647	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. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	41
648	Limits on the production of the standard model Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	40

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649	Search for diphoton events with large missing transverse energy with 36 fb^{-1} of 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	15
650	Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy. European Physical Journal C, 2011, 71, 1.	3.9	60
651	Measurement of the jet fragmentation function and transverse profile in proton-proton collisions at a center-of-mass energy of 7 TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	56
652	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb^{-1} of ATLAS data. European Physical Journal C, 2011, 71, 1.	3.9	14
653	Search for massive colored scalars in four-jet final states in $\sqrt{s}=7\text{-mbox{TeV}}$ proton-proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	39
654	Measurement of the inclusive and dijet cross-sections of b-jets in pp collisions at $\sqrt{s}=7\text{mbox{-TeV}}$ with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	73
655	Measurement of $W^{\pm 3}$ and $Z^{\pm 3}$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	4.7	11
656	Inclusive search for same-sign dilepton signatures in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	4.7	33
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658	Measurement of the $WZ\gamma^* \rightarrow \gamma^* \rightarrow e^+e^-$ cross section and limits on anomalous triple gauge couplings in $pp \rightarrow WZ\gamma^* \rightarrow WZ\gamma^* \rightarrow e^+e^-$ collisions at $\sqrt{s}=1.96\text{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 67-73.	4.1	23
659	Search for a heavy neutral gauge boson in the dielectron channel with 5.4 fb^{-1} of $\sqrt{s}=1.96\text{TeV}$ collisions at the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 67-73.	4.1	60
660	Search for pair production of the scalar top quark in the electron+muon final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 321-327.	4.1	18
661	Search for neutral Higgs bosons in the multi-b-jet topology in $pp \rightarrow WZ\gamma^* \rightarrow WZ\gamma^* \rightarrow e^+e^-$ collisions at $\sqrt{s}=1.96\text{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 145-150.	4.1	16
662	Search for a heavy neutral gauge boson in the dielectron channel with 5.4 fb^{-1} of $\sqrt{s}=1.96\text{TeV}$ collisions at the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 67-73.	4.1	32
663	Search for neutral Higgs bosons in the multi-b-jet topology in $pp \rightarrow WZ\gamma^* \rightarrow WZ\gamma^* \rightarrow e^+e^-$ collisions at $\sqrt{s}=1.96\text{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 145-150.	4.1	44
664	Search for flavor changing neutral currents in decays of top quarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 313-320.	4.1	35
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666	Search for the Standard Model Higgs Boson in the $pp \rightarrow WZ\gamma^* \rightarrow WZ\gamma^* \rightarrow e^+e^-$ Decay Channel. Physical Review Letters, 2011, 106, 171802.		

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669	Azimuthal decorrelations and multiple parton interactions in $pp \rightarrow t\bar{t} + Z + \text{jet}$ events at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 83, .	4.7	48
670	Measurement of color flow in $pp \rightarrow t\bar{t} + Z + \text{jet}$ events at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 83, .	4.7	22
671	Search for associated Higgs boson production using like charge dilepton events in $pp \rightarrow t\bar{t} + Z + \text{jet}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 84, .	4.7	15
672	Measurement of the production fraction times branching fraction $R_{b\tau} = \sigma(pp \rightarrow t\bar{t} + Z + b\tau) / \sigma(pp \rightarrow t\bar{t} + Z + b\tau) \times \text{BR}(t \rightarrow b\tau)$ at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 84, .	4.7	13
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702	Measurement of pion and proton response and longitudinal shower profiles up to 20 nuclear interaction lengths with the ATLAS Tile calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 615, 158-181.	1.6	35

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752	Observation of the spin alignment of the \bar{K}^0 -meson produced in $\bar{p}p$ interactions at 22.4 and 5.7 GeV/c. European Physical Journal D, 1981, 31, 1353-1357.	0.4	6
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