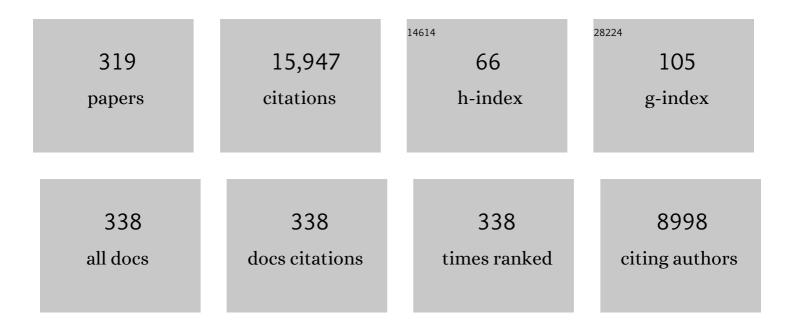
## List of Publications by Year in descending order

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NANTH

#	Article	IF	CITATIONS
1	Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
2	Search for flavor-changing neutral current interactions of the top quark and the Higgs boson decaying to a bottom quark-antiquark pair at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	5
3	Search for long-lived particles decaying to leptons with large impact parameter in proton–proton collisions at \$\$sqrt{s} = 13,ext {Te}ext {V} \$\$. European Physical Journal C, 2022, 82, 153.	1.4	14
4	Study of dijet events with large rapidity separation in proton-proton collisions at \$\$ sqrt{s} \$\$ = 2.76 TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	1
5	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton–proton collisions at \$\$sqrt{s}=13,ext {TeV} \$\$. European Physical Journal C, 2022, 82, 290.	1.4	18
6	Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	13
7	Search for long-lived particles decaying into muon pairs in proton-proton collisions at \$\$ sqrt{s} \$\$ = 13 TeV collected with a dedicated high-rate data stream. Journal of High Energy Physics, 2022, 2022, .	1.6	5
8	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	12
9	Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	2
10	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
11	Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	5
12	Search for electroweak production of charginos and neutralinos in proton-proton collisions at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	5
13	Measurement of the inclusive \$\$ mathrm{t}overline{mathrm{t}} \$\$ production cross section in proton-proton collisions at \$\$ sqrt{s} \$\$ = 5.02 TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	2
14	Search for heavy resonances decaying to a pair of Lorentz-boosted Higgs bosons in final states with leptons and a bottom quark pair at \$\$ sqrt{s} \$\$= 13 TeV. Journal of High Energy Physics, 2022, 2022, .	1.6	2
15	Search for higgsinos decaying to two Higgs bosons and missing transverse momentum in proton-proton collisions at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, .	1.6	4
16	Observation of B\$\$^0\$\$ \$\$ightarrow \$\$ \$\$uppsi \$\$(2S)K\$\$^0_mathrm {S}uppi ^+uppi ^-\$\$ and B\$\$^0_mathrm {s}\$\$ \$\$ightarrow \$\$ \$\$uppsi \$\$(2S)K\$\$^0_mathrm {S}\$\$ decays. European Physical Journal C, 2022, 82, .	1.4	1
17	Search for dark matter produced in association with a leptonically decaying \$\${mathrm{Z}} \$\$ boson in proton–proton collisions at \$\$sqrt{s}=13,ext {Te}ext {V} \$\$. European Physical Journal C, 2021, 81, 13.	1.4	33
18	Search for top squark pair production using dilepton final states in \$\${ext {p}}{ext {p}}\$\$ collision data collected at \$\$sqrt{s}=13,ext {TeV} \$\$. European Physical Journal C, 2021, 81, 3.	1.4	33

#	Article	IF	CITATIONS
19	Measurements of \$\${mathrm{p}} {mathrm{p}} ightarrow {mathrm{Z}} {mathrm{Z}} \$\$ production cross sections and constraints on anomalous triple gauge couplings at \$\$sqrt{s} = 13,ext {TeV} \$\$. European Physical Journal C, 2021, 81, 200.	1.4	24
20	Development and validation of HERWIGÂ7 tunes from CMS underlying-event measurements. European Physical Journal C, 2021, 81, 312.	1.4	12
21	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at \$\$sqrt{s} = 13,ext {Te}ext {V} \$\$. European Physical Journal C, 2021, 81, 378.	1.4	40
22	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton–proton collisions at \$\$sqrt{s} = 13,ext {TeV} \$\$. European Physical Journal C, 2021, 81, 488.	1.4	35
23	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at \$\$ sqrt{mathrm{s}} \$\$ = 13 TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	27
24	MUSiC: a model-unspecific search for new physics in proton–proton collisions at \$\$sqrt{s} = 13,ext {TeV} \$\$. European Physical Journal C, 2021, 81, 629.	1.4	18
25	Search for a heavy vector resonance decaying to a \$\${mathrm{Z}}_{mathrm{}}^{mathrm{}}\$ Âboson and a Higgs boson in proton-proton collisions at \$\$sqrt{s} = 13,ext {Te}ext {V} \$\$. European Physical Journal C, 2021, 81, 688.	1.4	9
26	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton–proton collisions at \$\$sqrt{s} = 13,{ext {TeV}} \$\$. European Physical Journal C, 2021, 81, 723.	1.4	19
27	Measurements of angular distance and momentum ratio distributions in three-jet and \$\${ext {Z}}\$\$ + two-jet final states in \$\${ext {p}}{ext {p}}\$\$ collisions. European Physical Journal C, 2021, 81, 852.	1.4	2
28	Precision luminosity measurement in proton–proton collisions at \$\$sqrt{s} = 13,hbox {TeV}\$\$ in 2015 and 2016 at CMS. European Physical Journal C, 2021, 81, 800.	1.4	123
29	Combined searches for the production of supersymmetric top quark partners in proton–proton collisions at \$\$sqrt{s} = 13,ext {Te}ext {V} \$\$. European Physical Journal C, 2021, 81, 970.	1.4	18
30	A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution. Computing and Software for Big Science, 2020, 4, 10.	1.3	21
31	Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at â^š <i>s</i> = 13 TeV. Journal of Instrumentation, 2020, 15, P02027-P02027.	0.5	27
32	Performance of the CMS Level-1 trigger in proton-proton collisions at â^š <i>s</i> = 13 TeV. Journal of Instrumentation, 2020, 15, P10017-P10017.	0.5	84
33	Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment. Journal of High Energy Physics, 2020, 2020, 1.	1.6	21
34	Measurement of top quark pair production in association with a Z boson in proton-proton collisions at \$\$ sqrt{mathrm{s}} \$\$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	20
35	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in \$\$mathrm {PbPb}\$\$ collisions at \$\$sqrt{smash [b]{s_{_{mathrm {NN}}}} = 2.76\$\$ and 5.02\$\$,ext {TeV}\$\$. European Physical Journal C, 2020, 80, 534.	1.4	14
36	Search for production of four top quarks in final states with same-sign or multiple leptons in proton–proton collisions at \$\$sqrt{s}=13\$\$ \$\$,ext {TeV}\$\$. European Physical Journal C, 2020, 80, 75	1.4	78

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37	Searches for physics beyond the standard model with the \$\$M_{mathrm {T2}}\$\$ variable in hadronic final states with and without disappearing tracks in proton–proton collisions at \$\$sqrt{s}=13,ext {Te}ext {V} \$\$. European Physical Journal C, 2020, 80, 3.	1.4	70
38	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. European Physical Journal C, 2020, 80, 4.	1.4	198
39	Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at \$\$ sqrt{mathrm{s}} \$\$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
40	Measurement of single-diffractive dijet production in proton–proton collisions at \$\$sqrt{s} = 8,ext {Te}ext {V} \$\$ with the CMS and TOTEM experiments. European Physical Journal C, 2020, 80, 1164.	1.4	5
41	Determination of jet calibration and energy resolution in proton–proton collisions at \$\$sqrt{s} = 8~hbox {TeV}\$\$ using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	15
42	Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at \$\$ sqrt{s}=13 \$\$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	17
43	Search for Higgs boson pair production in the WW(*)WW(*) decay channel using ATLAS data recorded at \$\$ sqrt{mathrm{s}} \$\$ = 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	21
44	Measurement of \$\$W^{pm }Z\$\$ production cross sections and gauge boson polarisation in pp collisions at \$\$sqrt{s} = 13~ext {TeV}\$\$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	41
45	Search for the pair production of light top squarks in the e±μâ~" final state in proton-proton collisions at \$\$ sqrt{s}=13 \$\$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
46	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
47	Measurements of the pp → WZ inclusive and differential production cross sections and constraints on charged anomalous triple gauge couplings at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
48	Measurement of the \$\${mathrm {t}overline{mathrm {t}}\$\$ t t Â <sup>-</sup> production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at. European Physical Journal C, 2019, 79, 368.	1.4	68
49	Measurements of W and Z boson production in pp collisions at \$\$sqrt{s}=5.02\$\$ s = 5.02 ÂTeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	17
50	Performance of top-quark and \$\$varvec{W}\$\$ W -boson tagging with ATLAS in Run 2 of the LHC. European Physical Journal C, 2019, 79, 1.	1.4	42
51	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton–proton collisions at \$\$sqrt{s}=13,ext {Te}ext {V} \$\$ s = 13 Te. European Physical Journal C, 2019, 79, 280.	1.4	29
52	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
53	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
54	In situ calibration of large-radius jet energy and mass in 13ÂTeVÂproton–proton collisions with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	28

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55	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
56	Search for pair production of Higgs bosons in the \$\$ boverline{b}boverline{b} \$\$ final state using proton-proton collisions at \$\$ sqrt{s}=13 \$\$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	55
57	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
58	Measurements of differential Z boson production cross sections in proton-proton collisions at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	28
59	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fbâ^'1 of pp collisions at s = 13 \$\$ sqrt{s}=13 \$\$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	116
60	Measurement of the cross-section for producing a W boson in association with a single top quark in pp collisions at s = 13 \$\$ sqrt{s}=13 \$\$ TeV with ATLAS. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
61	Measurement of the W-boson mass in pp collisions at \$\$sqrt{s}=7, hbox {TeV}\$\$ s = 7 TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 110.	1.4	218
62	Search for new phenomena in high-mass final states with a photon and a jet from \$\$pp\$\$ pp collisions at \$\$sqrt{s}\$\$ s. European Physical Journal C, 2018, 78, 102.	1.4	13
63	Search for the direct production of charginos and neutralinos in final states with tau leptons in \$\$sqrt{s} = 13,mathrm{TeV}\$\$ s = 13 TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 154.	1.4	52
64	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at \$\$sqrt{s_{ext {NN}}}=2.76\$\$ s NN = 2.76 and 5.0. European Physical Journal C, 2018, 78, 142.	1.4	59
65	Measurement of quarkonium production in proton–lead and proton–proton collisions at \$\$5.02~mathrm {TeV}\$\$ 5.02 TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 171.	1.4	75
66	Measurement of differential cross-sections of a single top quark produced in association with a W boson at \$\$sqrt{s}={13}{ext {TeV}}\$\$ s = 13 TeV with ATLAS. European Physical Journal C, 2018, 78, 186.	1.4	20
67	Search for heavy ZZ resonances in the \$\$ell ^+ell ^-ell ^+ell ^-\$\$ â,," + â,," - â,," + â,," - and \$\$ell ^+ell ^-u ar{u }\$\$ â,," + â,," - ν ν Â⁻ final states using proton–proton collisions at \$\$sqrt{s}= 13\$\$ s = 13  \$\$ext {TeV}\$\$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 293.	1.4	101
68	A search for pair-produced resonances in four-jet final states at \$\$sqrt{s}=13\$\$ s = 13 \$\$ext {TeV}\$\$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 250.	1.4	66
69	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 fbâr'1 of \$\$ sqrt{s}=13 \$\$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
70	Search for heavy resonances decaying into WW in the \$\$eu mu u \$\$ e ν μ ν final state in pp collisions at \$\$sqrt{s}=13\$\$ s = 13 \$\$,ext {TeV}\$\$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 24.	1.4	108
71	Direct top-quark decay width measurement in the \$\$mathbf {varvec{tar{t}}}\$\$ t t Â <sup>-</sup> lepton+jets channel at \$\$sqrt{s}=8~ext {TeV}\$\$ s = 8 TeV with the ATLAS experiment. European Physical Journal C, 2018, 78, 129.	1.4	17
72	Search for W W/W Z resonance production in â,,"νqq final states in pp collisions at \$\$ sqrt{s}=13 \$\$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	31

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73	Measurement of the Higgs boson coupling properties in the H → ZZâ^— → 4â"" decay channel at \$\$ sqrt{s}=13 TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	\$\$ 1.6	46
74	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the H → aa → 4b channel in pp collisions at \$\$ sqrt{s}=13 \$\$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	28
75	Measurement of the \$\$ Zgamma o u overline{u}gamma \$\$ production cross section in pp collisions at \$\$ sqrt{s}=13 \$\$ TeV with the ATLAS detector and limits on anomalous triple gauge-boson couplings. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
76	Prompt and non-prompt \$\$J/psi \$\$ J / Ï^ elliptic flow in Pb+Pb collisions at \$\$sqrt{s_{_ext {NN}}} = 5.02\$\$ s NN = 5.02 Tev with the ATLAS detectorÂ. European Physical Journal C, 2018, 78, 784.	1.4	19
77	Search for Higgs boson pair production in the \$\$gamma gamma WW^*\$\$ γ γ W W â^— channel using \$\$pp\$\$ pp collision data recorded at \$\$sqrt{s}\$\$ s \$\$=13\$\$ = 13 TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 1007.	1.4	53
78	Measurement of colour flow using jet-pull observables in $f^{-}$ events with the ATLAS experiment at $s$ = 13,hbox {TeV}\$\$ s = 13 TeV. European Physical Journal C, 2018, 78, 847.	1.4	16
79	Angular analysis of B0 d → Kâ^—μ+μâ^' decays in pp collisions at \$\$ sqrt{s}=8 \$\$ TeV with the ATLAS Journal of High Energy Physics, 2018, 2018, 1.	detector.	76
80	Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in 36 fb \$\$^{-1}\$\$ - 1 of pp collisions at. European Physical Journal C, 2018, 78, 401.	1.4	50
81	Search for dark matter in events with a hadronically decaying vector boson and missing transverse momentum in pp collisions at \$\$ sqrt{s}=13 \$\$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29
82	Measurements of differential cross sections of top quark pair production in association with jets in pp collisions at \$\$ sqrt{s}=13 \$\$ TeV using the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	9
83	Search for Higgs boson pair production in the \$\$ upgamma upgamma boverline{b} \$\$ final state with 13 TeV pp collision data collected by the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	1.6	38
84	Search for new phenomena in events with same-charge leptons and b-jets in pp collisions at \$\$ sqrt{s}=13 \$\$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	30
85	Measurement of the azimuthal anisotropy of charged particles produced in \$\$sqrt{s_{_ext {NN}}}\$\$ s NN = 5.02ÂTeV Pb+Pb collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 997.	1.4	51
86	Performance of missing transverse momentum reconstruction with the ATLAS detector using proton–proton collisions at \$\$sqrt{s}=13~hbox {TeV}\$\$ s = 13 TeV. European Physical Journal C, 2018, 78, 903.	1.4	181
87	Search for electroweak production of supersymmetric particles in final states with two or three leptons at \$\$sqrt{s}=13hbox {TeV}\$\$ s = 13 TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 995.	1.4	125
88	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
89	Operation and performance of the ATLAS Tile Calorimeter in RunÂ1. European Physical Journal C, 2018, 78, 987.	1.4	25
90	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

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91	Search for pair production of heavy vector-like quarks decaying into high-pT W bosons and top quarks in the lepton-plus-jets final state in pp collisions at \$\$ sqrt{s}=13 \$\$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	22
92	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 fbâ^'1 of \$\$ sqrt{s}=13 \$\$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	48
93	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
94	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
95	Search for charged Higgs bosons decaying via H± → τ±ντ in the τ+jets and τ+lepton final states with 36 fb of pp collision data recorded at \$\$ sqrt{s}=13 \$\$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	â~'1 1.6	59
96	Prompt and non-prompt \$\$J/psi \$\$ J / Ï^ and \$\$psi (2mathrm {S})\$\$ Ï^ ( 2 S ) suppression at high transverse momentum in \$\$5.02~mathrm {TeV}\$\$ 5.02 TeV Pb+Pb collisions with the ATLAS experiment. European Physical Journal C, 2018, 78, 762.	1.4	61
97	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
98	Search for exclusive Higgs and Z boson decays to ï•γ and ïγ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
99	Measurements of b-jet tagging efficiency with the ATLAS detector using \$\$ toverline{t} \$\$ events at \$\$ sqrt{s}=13 \$\$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
100	Search for flavour-changing neutral current top-quark decays t → 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
101	Measurement of the inclusive and fiducial $ t \in \hat{C} $ t t $\hat{A}^-$ production cross-sections in the. European Physical Journal C, 2018, 78, 487.	1.4	10
102	Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in proton–proton collisions at \$\$sqrt{s} = 13\$\$ s = 13  \$\$ext {TeV}\$\$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 565.	1.4	79
103	Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in \$\$sqrt{s}=13\$\$ s = 13 Â \$\$ext {Te}ext {V}\$\$ Te pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 625.	1.4	27
104	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
105	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
106	Search for dark matter produced in association with bottom or top quarks in \$\$sqrt{s}=13\$\$s=13ÂTeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 18.	1.4	60
107	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton–proton collisions at \$\$sqrt{s}=13,ext {TeV}\$\$ s = 13 TeV. European Physical Journal C, 2018, 78, 199.	1.4	132
108	Measurement of \$\$au \$\$ Ï,, polarisation in \$\$Z/gamma ^{*}ightarrow au au \$\$ Z / γ. European Physical Journal C, 2018, 78, 163.	1.4	7

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109	Searches for heavy ZZ and ZW resonances in the ℓℓqq and ννqq 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
110	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
111	Measurement of differential cross sections and W+/Wâ^' cross-section ratios for W boson production in association with jets at \$\$ sqrt{s}=8 \$\$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
112	Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in 36 fbâ^'1 of ( sqrt{s}=13 ) TeV pp collisions with the ATLAS detector. , 2018, 2018, 1.		1
113	Measurement of the W-boson mass in pp collisions at (sqrt{s}=7, hbox {TeV}) with the ATLAS detector. , 2018, 78, 1.		1
114	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton–proton collisions at (sqrt{s}=13,ext {TeV}). , 2018, 78, 1.		1
115	Measurement of the \$\${varvec{tar{t}Z}}\$\$ t t Â <sup>-</sup> Z and \$\${varvec{tar{t}W}}\$\$ t t Â <sup>-</sup> W production cross sections in multilepton final states using 3.2 fb \$\$^{-1}\$\$ - 1 of \$\$varvec{pp}\$\$ p p collisions at \$\$sqrt{s}\$\$ s = 13 TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 40.	1.4	41
116	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
117	Measurement of the inclusive cross-sections of single top-quark and top-antiquark t-channel production in pp collisions at s = 13 \$\$ sqrt{s}=13 \$\$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	29
118	Measurement of jet activity produced in top-quark events with an electron, a muon and two b-tagged jets in the final state in pp collisions at \$\$sqrt{s}=13\$\$ s = 13 TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 220.	1.4	11
119	Measurement of the W boson polarisation in \$\$tar{t}\$\$ t t Â⁻ events from pp collisions at \$\$sqrt{s}\$\$ s = 8 TeV in the leptonÂ+Âjets channel with ATLAS. European Physical Journal C, 2017, 77, 264.	1.4	37
120	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton–proton collision data. European Physical Journal C, 2017, 77, 195.	1.4	87
121	Measurements of top-quark pair differential cross-sections in the \$\$emu \$\$ e μ channel in pp collisions at \$\$sqrt{s} = 13\$\$ s = 13 ÂTeV using the ATLAS detector. European Physical Journal C, 2017, 77, 292.	1.4	27
122	Performance of algorithms that reconstruct missing transverse momentum in \$\$sqrt{s}\$\$ s = 8 TeV proton–proton collisions in the ATLAS detector. European Physical Journal C, 2017, 77, 241.	1.4	61
123	Measurement of the prompt J/ \$\$psi \$\$ Ï^ pair production cross-section in pp collisions at \$\$sqrt{s} = 8\$\$ s = 8 ÂTeV with the ATLAS detector. European Physical Journal C, 2017, 77, 76.	1.4	81
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