

Orhan akir

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

781
papers

23,374
citations

68
h-index

115
g-index

820
ext. papers

28,142
ext. citations

4.6
avg, IF

3.95
L-index

#	Paper	IF	Citations
781	The ATLAS Simulation Infrastructure. <i>European Physical Journal C</i> , 2010 , 70, 823-874	4.2	817
780	Observation of a charged charmoniumlike structure in $e^+e^- \rightarrow J/\psi \ell^+\ell^-$ at $\sqrt{s} = 4.26$ GeV. <i>Physical Review Letters</i> , 2013 , 110, 252001	7.4	531
779	A Large Hadron Electron Collider at CERN Report on the Physics and Design Concepts for Machine and Detector. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2012 , 39, 075001	2.9	317
778	Observation of a charged charmoniumlike structure $Z_c(4020)$ and search for the $Z_c(3900)$ in $e^+e^- \rightarrow J/\psi c\bar{c}$. <i>Physical Review Letters</i> , 2013 , 111, 242001	7.4	289
777	Improved luminosity determination in collisions at [Formula: see text] using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2013 , 73, 2518	4.2	276
776	Performance of the ATLAS trigger system in 2015. <i>European Physical Journal C</i> , 2017 , 77, 317	4.2	272
775	Muon reconstruction performance of the ATLAS detector in proton-proton collision data at [Formula: see text]=13 TeV. <i>European Physical Journal C</i> , 2016 , 76, 292	4.2	263
774	Performance of the ATLAS Trigger System in 2010. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	232
773	Performance of missing transverse momentum reconstruction in proton-proton collisions at ($\sqrt{s} = 7 \sim 8$ TeV) with ATLAS. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	217
772	Jet energy measurement with the ATLAS detector in proton-proton collisions at ($\sqrt{s} = 7$ TeV). <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	209
771	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 299	4.2	202
770	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	199
769	Observation of a charged ($D D^*$) mass peak in $e^+e^- \rightarrow D D^*$ at $\sqrt{s} = 4.26$ GeV. <i>Physical Review Letters</i> , 2014 , 112, 022001	7.4	197
768	FCC-hh: The Hadron Collider. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 755-1107	2.3	196
767	Jet energy measurement and its systematic uncertainty in proton-proton collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 17	4.2	194
766	FCC-ee: The Lepton Collider. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 261-623	2.3	193
765	Luminosity determination in collisions at [Formula: see text] = 8 TeV using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2016 , 76, 653	4.2	188

764	Observation of a charged charmoniumlike structure in $e^+e^- \rightarrow D^* D^{*-}$ at $\sqrt{s} = 4.26$ GeV. <i>Physical Review Letters</i> , 2014 , 112, 132001	7.4	186
763	Measurements of the Higgs boson production and decay rates and coupling strengths using collision data at [Formula: see text] and 8 TeV in the ATLAS experiment. <i>European Physical Journal C</i> , 2016 , 76, 6	4.2	185
762	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. <i>European Physical Journal C</i> , 2017 , 77, 490	4.2	177
761	FCC Physics Opportunities. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	174
760	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	4.2	167
759	Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2014 , 74, 3130	4.2	166
758	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2014 , 74, 2941	4.2	160
757	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	160
756	Jet energy resolution in proton-proton collisions at [Formula: see text] recorded in 2010 with the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2306	4.2	153
755	Search for an additional, heavy Higgs boson in the [Formula: see text] decay channel at [Formula: see text] in [Formula: see text] collision data with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 45	4.2	152
754	Performance of pile-up mitigation techniques for jets in [Formula: see text] collisions at [Formula: see text] TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 581	4.2	148
753	Measurement of the distributions of event-by-event flow harmonics in lead-lead collisions at ($\sqrt{s_{NN}}$) = 2.76 TeV with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	143
752	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	4.2	138
751	Measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section between 600 and 900 MeV using initial state radiation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 629-638	4.2	129
750	Search for new high-mass phenomena in the dilepton final state using 36 fb ⁻¹ of proton-proton collision data at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	126
749	Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	124
748	Search for direct production of charginos, neutralinos and sleptons in final states with two leptons and missing transverse momentum in pp collisions at (\sqrt{s}) = 8 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	120
747	Precise Measurement of the $e^+e^- \rightarrow \mu^+\mu^- J/\psi$ Cross Section at Center-of-Mass Energies from 3.77 to 4.60 GeV. <i>Physical Review Letters</i> , 2017 , 118, 092001	7.4	118

746	Search for charged Higgs bosons decaying via $H \rightarrow t\bar{t}$ (toverline t) events using pp collision data at ($\sqrt{s} = 7$;TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	112
745	Observation of $e^+e^- \rightarrow \chi(3872)$ at BESIII. <i>Physical Review Letters</i> , 2014 , 112, 092001	7.4	111
744	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. <i>European Physical Journal C</i> , 2015 , 75, 510	4.2	109
743	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	108
742	Measurement of the [Formula: see text] production cross-section using [Formula: see text] events with [Formula: see text]-tagged jets in [Formula: see text] collisions at [Formula: see text] and 8TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3109	4.2	107
741	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 476	4.2	104
740	Search for doubly charged Higgs bosons in like-sign dilepton final states at ($\sqrt{s} = 7$ mathrm{TeV}) with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	104
739	Measurement of inclusive jet and dijet cross sections in proton-proton collisions at 7 TeV centre-of-mass energy with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	103
738	Search for dark matter and other new phenomena in events with an energetic jet and large missing transverse momentum using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	101
737	Evidence of Two Resonant Structures in $e^+e^- \rightarrow B^+ \bar{B}^0 h_c$. <i>Physical Review Letters</i> , 2017 , 118, 092002	7.4	96
736	Search for the Standard Model Higgs boson produced in association with top quarks and decaying into [Formula: see text] in [Formula: see text] collisions at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 349	4.2	94
735	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. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	92
734	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	5.4	91
733	Observation of $e^+e^- \rightarrow \psi(3700)hc$ and a neutral charmoniumlike structure $Z_c(4020)(0)$. <i>Physical Review Letters</i> , 2014 , 113, 212002	7.4	88
732	Measurement of [Formula: see text] production with a veto on additional central jet activity in collisions at [Formula: see text] TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 2043	4.2	82
731	Readiness of the ATLAS Tile Calorimeter for LHC collisions. <i>European Physical Journal C</i> , 2010 , 70, 1193-1236	4.2	82
730	Study of $e^+e^- \rightarrow B_c J$ at center of mass energies from 4.21 to 4.42 GeV. <i>Physical Review Letters</i> , 2015 , 114, 092003	7.4	81
729	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fb of pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	81

728	Measurement of the $Z/\bar{\nu}$ boson transverse momentum distribution in pp collisions at ($\sqrt{s}=7$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	79
727	Measurement of the charge asymmetry in top quark pair production in collisions at [Formula: see text] using the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 2039	4.2	78
726	Search for heavy neutrinos and right-handed bosons in events with two leptons and jets in collisions at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 2056	4.2	78
725	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in (\sqrt{s}) = 8 TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	76
724	Search for a light charged Higgs boson in the decay channel [Formula: see text] in [Formula: see text] events using collisions at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2465	4.2	76
723	Observation of $Z_{c}(3900)^{0}$ in $e^{+}e^{-}\rightarrow B^{0}\bar{B}^{0}J/\psi$. <i>Physical Review Letters</i> , 2015 , 115, 112003	7.4	75
722	Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	74
721	Search for hadronic transition $\bar{D}^{*}\rightarrow D^{*}\pi$ and observation of $\bar{D}^{*}\rightarrow D^{*}\eta$. <i>Physical Review D</i> , 2013 , 87,	4.9	74
720	Search for production of [Formula: see text] resonances decaying to a lepton, neutrino and jets in [Formula: see text] collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 209	4.2	73
719	HE-LHC: The High-Energy Large Hadron Collider. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 1109-1382	2.3	72
718	ATLAS search for new phenomena in dijet mass and angular distributions using pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	72
717	Measurement of the inclusive jet cross-section in collisions at [Formula: see text] and comparison to the inclusive jet cross-section at [Formula: see text] using the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2509	4.2	71
716	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at ($\sqrt{s} = 7$ mbox{~TeV}). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	70
715	The ATLAS Inner Detector commissioning and calibration. <i>European Physical Journal C</i> , 2010 , 70, 787-821	4.2	70
714	Searches for scalar leptoquarks in collisions at [Formula: see text] = 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 5	4.2	68
713	Measurements of Absolute Hadronic Branching Fractions of the Λ_{c}^{+} Baryon. <i>Physical Review Letters</i> , 2016 , 116, 052001	7.4	67
712	Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	67
711	Jet mass and substructure of inclusive jets in ($\sqrt{s} = 7$; {text{TeV}}) pp collisions with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	67

710	Measurement of the integrated luminosities of the data taken by BESIII at $\sqrt{s} = 3.650$ and 3.773 GeV. <i>Chinese Physics C</i> , 2013 , 37, 123001	2.2	67
709	Search for Higgs boson pair production in the $[\text{Formula: see text}]$ final state from collisions at $[\text{Formula: see text}]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 412	4.2	66
708	Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1-39	5.4	66
707	Performance of missing transverse momentum reconstruction with the ATLAS detector using proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 903	4.2	66
706	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	65
705	Precision measurement of the integrated luminosity of the data taken by BESIII at center-of-mass energies between 3.810 GeV and 4.600 GeV. <i>Chinese Physics C</i> , 2015 , 39, 093001	2.2	65
704	Search for the (\overline{b}) decay of the Standard Model Higgs boson in associated (W/Z)H production with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	64
703	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. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	64
702	Measurement of the transverse momentum and $[\text{Formula: see text}]$ distributions of Drell-Yan lepton pairs in proton-proton collisions at $[\text{Formula: see text}]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 291	4.2	63
701	Search for resonant diboson production in the $[\text{Formula: see text}]$ final state in $[\text{Formula: see text}]$ collisions at $[\text{Formula: see text}]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 69	4.2	62
700	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2017 , 77, 195	4.2	61
699	Search for dark matter in events with heavy quarks and missing transverse momentum in $[\text{Formula: see text}]$ collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 92	4.2	60
698	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. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	60
697	Measurement of the τ -boson mass in pp collisions at with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 110	4.2	59
696	Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	59
695	Measurement of the W $\rightarrow \tau \nu$ and Z $\rightarrow \tau \tau$ production cross sections in proton-proton collisions at $(\sqrt{s} = 7; \text{TeV})$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	58
694	A search for (\overline{t}) resonances using lepton-plus-jets events in proton-proton collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	57
693	Search for charged Higgs bosons decaying via $H \rightarrow \tau \nu$ in fully hadronic final states using pp collision data at $(\sqrt{s}) = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	56

692	Constraints on the off-shell Higgs boson signal strength in the high-mass and final states with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 335	4.2	56
691	Precision measurement and interpretation of inclusive τ and production cross sections with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 367	4.2	56
690	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. <i>European Physical Journal C</i> , 2018 , 78, 199	4.2	55
689	Search for resonances decaying into top-quark pairs using fully hadronic decays in pp collisions with ATLAS at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	55
688	Measurements of top quark pair relative differential cross-sections with ATLAS in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	55
687	Summary of the searches for squarks and gluinos using $\sqrt{s}=8$ TeV pp collisions with the ATLAS experiment at the LHC. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	55
686	Measurements of the τ production cross sections in association with jets with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 82	4.2	54
685	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	54
684	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	54
683	Measurement of $W \mp Z$ production in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	54
682	Search for squarks and gluinos in final states with jets and missing transverse momentum at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 392	4.2	53
681	Search for new phenomena in events with at least three photons collected in collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 210	4.2	53
680	Search for a heavy top-quark partner in final states with two leptons with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	53
679	Measurement of the inclusive and dijet cross-sections of b-jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	53
678	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run-1 data. <i>European Physical Journal C</i> , 2016 , 76, 666	4.2	53
677	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	52
676	Search for lepton-flavour-violating decays of the Higgs and bosons with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 70	4.2	52
675	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. <i>European Physical Journal C</i> , 2017 , 77, 393	4.2	52

674	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3157	4.2	52
673	Measurement of the W boson polarization in top quark decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	52
672	Performance of the ATLAS muon trigger in pp collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2015 , 75, 120	4.2	51
671	Determination of the Spin and Parity of the $Z_c(3900)$. <i>Physical Review Letters</i> , 2017 , 119, 072001	7.4	51
670	Confirmation of a charged charmoniumlike state $Z_c(3885)^+$ in $e^+e^- \rightarrow DD^*$ with double D tag. <i>Physical Review D</i> , 2015 , 92,	4.9	51
669	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. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	51
668	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. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	50
667	Evidence for the ($H \rightarrow \overline{b}b$) decay with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	50
666	Observation of a Neutral Structure near the DD^* Mass Threshold in $e^+e^- \rightarrow DD^*$ at $\sqrt{s}=4.226$ and 4.257 GeV. <i>Physical Review Letters</i> , 2015 , 115, 222002	7.4	50
665	Search for direct pair production of a chargino and a neutralino decaying to the 125 GeV Higgs boson in [Formula: see text] TeV [Formula: see text] collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 208	4.2	50
664	Search for electroweak production of charginos and sleptons decaying into final states with two leptons and missing transverse momentum in ($\sqrt{s}=13$) (text {TeV}) pp collisions using the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	50
663	Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 303	4.2	49
662	Measurement of charged-particle spectra in Pb+Pb collisions at ($\sqrt{s_{\text{NN}}}=2.76$) TeV with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	49
661	Search for high-mass resonances decaying to dilepton final states in pp collisions at ($\sqrt{s}=7$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	49
660	Search for resonances in diphoton events at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	49
659	Search for electroweak production of supersymmetric particles in final states with two or three leptons at with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 995	4.2	49
658	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in collisions at [Formula: see text] using the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 538	4.2	48
657	Search for supersymmetry at [Formula: see text] TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 259	4.2	48

656	Measurement of $e^+e^- \rightarrow \mu^+\mu^-$ (B_{686}) from 4.008 to 4.600 GeV and observation of a charged structure in the $H(1360)$ mass spectrum. <i>Physical Review D</i> , 2017 , 96,	4.9	48
655	Measurement of multi-particle azimuthal correlations in pp, p-Pb and low-multiplicity Pb-Pb collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 428	4.2	48
654	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. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	48
653	Search for long-lived charginos based on a disappearing-track signature in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	48
652	Measurement of the prompt $\tau^+\tau^-$ pair production cross-section in collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 76	4.2	47
651	Search for heavy resonances decaying into in the final state in collisions at with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 24	4.2	47
650	Search for the neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at ($\sqrt{s}=7$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	47
649	Search for a new resonance decaying to a or boson and a Higgs boson in the $[\text{Formula: see text}]$ final states with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 263	4.2	46
648	Light-quark and gluon jet discrimination in $[\text{Formula: see text}]$ collisions at $[\text{Formula: see text}]$ with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3023	4.2	46
647	Measurement of the Absolute Branching Fraction for $\chi_{c^+}^0 \rightarrow \mu^+ \chi_{c^+}^0$. <i>Physical Review Letters</i> , 2015 , 115, 221805	7.4	46
646	Search for lepton-flavour-violating $H \rightarrow \mu\tau$ decays of the Higgs boson with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	46
645	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. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	45
644	Search for invisible decays of a Higgs boson using vector-boson fusion in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	45
643	Measurement of ZZ production in pp collisions at ($\sqrt{s}=7$) TeV and limits on anomalous ZZZ and ZZ couplings with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	45
642	Observation of a Neutral Charmoniumlike State $Z_{c^0}(4025)^0$ in $e^+e^- \rightarrow D^{*+}D^0$. <i>Physical Review Letters</i> , 2015 , 115, 182002	7.4	45
641	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at $[\text{Formula: see text}]$ TeV in 2010. <i>European Physical Journal C</i> , 2014 , 74, 3034	4.2	45
640	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. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	45
639	Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $[\text{Formula: see text}]$ TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 318	4.2	44

638	Identification of boosted, hadronically decaying bosons and comparisons with ATLAS data taken at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2016 , 76, 154	4.2	44
637	Measurement of isolated-photon pair production in pp collisions at $(\sqrt{s}=7\text{TeV})$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	44
636	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	44
635	Study of dynamics of $D^0 \rightarrow K^* \mu^+ \mu^-$ and $D^0 \rightarrow \rho^+ \mu^-$ decays. <i>Physical Review D</i> , 2015 , 92,	4.9	44
634	Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	44
633	Angular analysis of $B^0 \rightarrow D^* \mu^+ \mu^-$ decays in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	44
632	Performance of jet substructure techniques for large-R jets in proton-proton collisions at $(\sqrt{s}=7)$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	43
631	Measurement of the cross section for top-quark pair production in pp collisions at $(\sqrt{s} = 7\text{TeV})$ with the ATLAS detector using final states with two high-p T leptons. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	43
630	ATLAS b-jet identification performance and efficiency measurement with $t\bar{t}$ events in pp collisions at $(\sqrt{s}=13)$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	43
629	Jet reconstruction and performance using particle flow with the ATLAS Detector. <i>European Physical Journal C</i> , 2017 , 77, 466	4.2	42
628	Measurements of the center-of-mass energies at BESIII via the di-muon process. <i>Chinese Physics C</i> , 2016 , 40, 063001	2.2	42
627	Measurement of the differential cross-sections of prompt and non-prompt production of $[\text{Formula: see text}]$ and $[\text{Formula: see text}]$ in collisions at $[\text{Formula: see text}]$ and 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 283	4.2	42
626	Measurement of the top quark mass with the template method in the $[\text{Formula: see text}]$ channel using ATLAS data. <i>European Physical Journal C</i> , 2012 , 72, 2046	4.2	42
625	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	5.4	42
624	Search for heavy resonances in the WZ and $W\gamma$ final states using proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 293	4.2	41
623	Search for direct top squark pair production in events with a $[\text{Formula: see text}]$ boson, $[\text{Formula: see text}]$ -jets and missing transverse momentum in $[\text{Formula: see text}]$ TeV $[\text{Formula: see text}]$ collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 2883	4.2	41
622	Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	41
621	Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $(\sqrt{s}=7\text{TeV})$ proton-proton collisions with the ATLAS experiment. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	41

620	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. <i>European Physical Journal C</i> , 2010 , 70, 723-753	4.2	41
619	Search for new particles in events with one lepton and missing transverse momentum in pp collisions at $(\sqrt{s}) = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	40
618	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 199	4.2	39
617	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	39
616	A search for $(\overline{t}t)$ resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $(\sqrt{s}) = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	39
615	Search for charged Higgs bosons decaying into top and bottom quarks at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	39
614	Performance of algorithms that reconstruct missing transverse momentum in [Formula: see text] = 8 TeV proton-proton collisions in the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 241	4.2	38
613	Observation and measurements of the production of prompt and non-prompt [Formula: see text] mesons in association with a [Formula: see text] boson in [Formula: see text] collisions at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 229	4.2	38
612	Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at $(\sqrt{s}) = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	38
611	Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC proton-proton collision data at $(\sqrt{s}) = 13$ (text {TeV}). <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	37
610	Study of J/ψ at BESIII. <i>Physical Review D</i> , 2015 , 91,	4.9	37
609	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	37
608	Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at $(\sqrt{s}) = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	37
607	Search for the Standard Model Higgs boson in the $H \rightarrow ZZ^* \rightarrow 4\ell$ decay mode in $(\sqrt{s}) = 7, \{\mathrm{TeV}\}$ pp collisions with ATLAS. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	37
606	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	4.2	37
605	Search for massive colored scalars in four-jet final states in $(\sqrt{s}) = 7 \sim \{\mathrm{TeV}\}$ proton-proton collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	37
604	Charged-particle distributions at low transverse momentum in [Formula: see text] TeV interactions measured with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2016 , 76, 502	4.2	37
603	Measurement of the Higgs boson coupling properties in the $H \rightarrow ZZ^* \rightarrow 4\ell$ decay channel at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	36

602	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	36
601	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at and 5.02 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 142	4-2	35
600	Measurement of quarkonium production in proton-lead and proton-proton collisions at with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 171	4-2	35
599	Measurement of the charged-particle multiplicity inside jets from [Formula: see text][Formula: see text] collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 322	4-2	35
598	Measurement of jet fragmentation in Pb+Pb and collisions at TeV with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2017 , 77, 379	4-2	35
597	Search for second generation scalar leptoquarks in pp collisions at $(\sqrt{s}=7\text{ TeV})$ with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	35
596	Partial wave analysis of J/ψ <i>Physical Review D</i> , 2013 , 87,	4-9	35
595	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. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	34
594	ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	34
593	Search for same-sign top-quark production and fourth-generation down-type quarks in pp collisions at $(\sqrt{s} = \{7\}; \text{TeV})$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	34
592	Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in proton-proton collisions at with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 565	4-2	34
591	Observation of $e^+e^- \rightarrow \mu^+\mu^-$ near $s=4.42$ and 4.6 GeV. <i>Physical Review D</i> , 2016 , 93,	4-9	33
590	Determination of the number of J/ψ events with inclusive J/ψ decays. <i>Chinese Physics C</i> , 2017 , 41, 013001	2-2	33
589	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. <i>European Physical Journal C</i> , 2017 , 77, 673	4-2	33
588	Observation of the $(1\ 3D2)$ State in $e^+e^- \rightarrow \mu^+\mu^-$ at BESIII. <i>Physical Review Letters</i> , 2015 , 115, 011803	7-4	33
587	Study of $(B686)-\eta_{hc}$, $hc-\eta$ via η exclusive decays. <i>Physical Review D</i> , 2012 , 86,	4-9	33
586	Search for charged Higgs bosons in the $H \rightarrow \tau b$ decay channel in pp collisions at $(\sqrt{s}=8)$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	33
585	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 fb of $(\sqrt{s}=13)$ TeV pp collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	33

584	Search for charged Higgs bosons decaying via $H_{\pm} \rightarrow \tau\mu$ in the $b\bar{b}$ jets and $\mu\mu$ lepton final states with 36 fb $^{-1}$ of pp collision data recorded at ($\sqrt{s}=13$) TeV with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	33
583	Measurement of the top quark mass in the $[t\bar{t} \rightarrow b\bar{b}q\bar{q}]$ and $[t\bar{t} \rightarrow b\bar{b}l\bar{l}]$ channels using $[t\bar{t} \rightarrow b\bar{b}q\bar{q}]$ ATLAS data. <i>European Physical Journal C</i> , 2015 , 75, 330	4-2	32
582	Search for dark matter produced in association with bottom or top quarks in $\sqrt{s}=13$ TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 18	4-2	32
581	Determination of the number of τ events at BESIII. <i>Chinese Physics C</i> , 2013 , 37, 063001	2-2	32
580	Search for pair production of Higgs bosons in the $(\overline{b}b)$ final state using proton-proton collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	31
579	Measurement of the proton form factor by studying $e+e\rightarrow p\pi$. <i>Physical Review D</i> , 2015 , 91,	4-9	31
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576	Measurement of the polarisation of W bosons produced with large transverse momentum in pp collisions at ($\sqrt{s} = 7$ TeV) with the ATLAS experiment. <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	31
575	Observation of the Dalitz decay $\tau\rightarrow\pi^{+}e\pi^{0}$. <i>Physical Review D</i> , 2015 , 92,	4-9	31
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573	Measurement of the production and lepton charge asymmetry of $[Z/\gamma]$ bosons in Pb+Pb collisions at $[2.76]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 23	4-2	31
572	Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton collisions at $[13]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3134	4-2	31
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570	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). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	31
569	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. <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	31
568	Inclusive search for same-sign dilepton signatures in pp collisions at ($\sqrt{s} = 7$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	31
567	Measurements of b-jet tagging efficiency with the ATLAS detector using ($\overline{t}t$) events at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	31

566	Search for third generation scalar leptoquarks in pp collisions at ($\sqrt{s}=7$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	30
565	Search for a scalar partner of the top quark in the jets plus missing transverse momentum final state at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	30
564	Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at ($\sqrt{s}=8$) TeV with ATLAS. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	30
563	Measurement of the [Formula: see text] production cross section in the tau + jets channel using the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2328	4.2	30
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561	Observation of $e+e \rightarrow \mu+\mu$ at center-of-mass energy $s=4.009$ GeV. <i>Physical Review D</i> , 2012 , 86,	4.9	30
560	Performance of electron and photon triggers in ATLAS during LHC Run 2. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	30
559	Searches for heavy long-lived charged particles with the ATLAS detector in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	29
558	Search for the direct production of charginos, neutralinos and staus in final states with at least two hadronically decaying taus and missing transverse momentum in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	29
557	Reconstruction of primary vertices at the ATLAS experiment in Run 1 proton-proton collisions at the LHC. <i>European Physical Journal C</i> , 2017 , 77, 332	4.2	29
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554	Measurement of the absolute branching fraction for $B \rightarrow \mu^+ \mu^-$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 42-47	4.2	28
553	Two-particle Bose-Einstein correlations in collisions at [Formula: see text] 0.9 and 7 TeV measured with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 466	4.2	28
552	A search for pair-produced resonances in four-jet final states at with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 250	4.2	28
551	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. <i>European Physical Journal C</i> , 2016 , 76, 295	4.2	28
550	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	4.2	28
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546	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. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	28
545	Fiducial, total and differential cross-section measurements of γ -channel single top-quark production in collisions at 8 TeV using data collected by the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 531	4.2	27
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543	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. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	27
542	Observation of a cross-section enhancement near mass threshold in $e^+e^- \rightarrow B^+B^0$. <i>Physical Review D</i> , 2018 , 97,	4.9	27
541	Observation of pseudoscalar and tensor resonances in $J/\psi \rightarrow B^+B^-$. <i>Physical Review D</i> , 2016 , 93,	4.9	27
540	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. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	27
539	Study of the rare decays of [Formula: see text] and [Formula: see text] into muon pairs from data collected during the LHC Run 1 with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 513	4.2	27
538	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run 2 data collected in 2015 and 2016. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	26
537	Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in 36 fb $^{-1}$ of $(\sqrt{s}=13)$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	26
536	Measurement of τ_1 and τ_2 production with $(\sqrt{s}) = 7$ TeV pp collisions at ATLAS. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	26
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534	Analysis of events with b-jets and a pair of leptons of the same charge in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	26
533	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	26
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529	Multi-channel search for squarks and gluinos in $[Formula: see text]$ collisions with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2013 , 73, 2362	4.2	25
528	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. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	25
527	Luminosity measurements for the R scan experiment at BESIII. <i>Chinese Physics C</i> , 2017 , 41, 063001	2.2	25
526	Measurement of the $e^+e^- \rightarrow J/\psi \gamma$ cross section and search for $e^+e^- \rightarrow J/\psi \gamma$ at center-of-mass energies between 3.810 and 4.600 GeV. <i>Physical Review D</i> , 2015 , 91,	4.9	25
525	Study of decay dynamics and CP asymmetry in $D^+ \rightarrow K^0 e^+ \mu^-$ decay. <i>Physical Review D</i> , 2015 , 92,	4.9	25
524	Search for $[Formula: see text]$ decays in $[Formula: see text]$ collisions at $[Formula: see text]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 165	4.2	25
523	Search for bottom squark pair production in proton-proton collisions at $[Formula: see text]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 547	4.2	25
522	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	25
521	Measurement of the top quark mass in the $(\bar{t} \rightarrow \ell \nu)$ lepton+jets channel from $(\sqrt{s}=8)$ TeV ATLAS data and combination with previous results. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	24
520	Observation of an Anomalous Line Shape of the $\psi(3770) \rightarrow J/\psi \pi^+ \pi^-$ Mass Spectrum near the $pp \rightarrow J/\psi \pi^+ \pi^-$ Mass Threshold in $J/\psi \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2016 , 117, 042002	7.4	24
519	Measurement of Azimuthal Asymmetries in Inclusive Charged Dipion Production in $e^+e^- \rightarrow \pi^+\pi^-$ Annihilations at $\sqrt{s}=3.65$ GeV. <i>Physical Review Letters</i> , 2016 , 116, 042001	7.4	24
518	Measurement of the double-differential high-mass Drell-Yan cross section in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	24
517	Measurement of the top quark pair production charge asymmetry in proton-proton collisions at $(\sqrt{s}) = 7$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	24
516	Measurement of the production cross section of prompt J/ψ mesons in association with a W boson in pp collisions at $(\sqrt{s}) = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	24
515	Measurement of the differential cross-section of B^+ meson production in pp collisions at $(\sqrt{s}=7)$ TeV at ATLAS. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	24
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513	Search for single production of vector-like quarks decaying into $[Formula: see text]$ in collisions at $[Formula: see text]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 442	4.2	24

512	Search for the direct production of charginos and neutralinos in final states with tau leptons in collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 154	4.2	23
511	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. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	23
510	Forward-backward correlations and charged-particle azimuthal distributions in pp interactions using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	23
509	Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in 36 fb of collisions at \sqrt{s} TeV with the ATLAS experiment. <i>European Physical Journal C</i> , 2018 , 78, 401	4.2	23
508	Search for Higgs boson pair production in the $(\gamma\gamma b\bar{b})$ final state with 13 TeV pp collision data collected by the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	23
507	Prompt and non-prompt and suppression at high transverse momentum in Pb+Pb collisions with the ATLAS experiment. <i>European Physical Journal C</i> , 2018 , 78, 762	4.2	23
506	A measurement of the calorimeter response to single hadrons and determination of the jet energy scale uncertainty using LHC Run-1 collision data with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 26	4.2	22
505	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. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	22
504	Search for heavy long-lived multi-charged particles in collisions at \sqrt{s} TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 362	4.2	22
503	Search for W W/W Z resonance production in $b\bar{q}$ final states in pp collisions at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	22
502	A search for prompt lepton-jets in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	22
501	Analysis of $D^+\rightarrow K^0e^+\bar{\nu}$ and $D^+\rightarrow \bar{K}^0e^+\bar{\nu}$ semileptonic decays. <i>Physical Review D</i> , 2017 , 96,	4.9	22
500	Search for supersymmetry in final states with two same-sign or three leptons and jets using 36 fb of $(\sqrt{s}=13)$ TeV pp collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	22
499	Measurement of the matrix elements for the decays $B\rightarrow D^*D$ and $B\rightarrow D^*D^*$. <i>Physical Review D</i> , 2015 , 92,	4.9	22
498	A search for high-mass resonances decaying to $b\bar{b}$ in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
497	Search for heavy lepton resonances decaying to a Z boson and a lepton in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
496	Consequences of the extra SM families on the Higgs boson production at Fermilab Tevatron and CERN LHC. <i>Physical Review D</i> , 2002 , 66,	4.9	22
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494	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. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	21
493	Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 79	4.2	21
492	Measurements of fiducial cross-sections for [Formula: see text] production with one or two additional γ -jets in collisions at [Formula: see text]=8 TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 11	4.2	21
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490	Amplitude analysis of the $\tau\tau$ system produced in radiative J/ψ decays. <i>Physical Review D</i> , 2015 , 92,	4.9	21
489	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in [Formula: see text] collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3195	4.2	21
488	Study of hard double-parton scattering in four-jet events in pp collisions at ($\sqrt{s}=7$) TeV with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	21
487	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. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	21
486	Search for Higgs boson pair production in the channel using collision data recorded at TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 1007	4.2	21
485	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. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	21
484	Measurement of the azimuthal anisotropy of charged particles produced in $\sqrt{s}=5.02$ TeV Pb+Pb collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 997	4.2	21
483	Study of J/ψ and $(B686)$ decay to $\pi\pi$ and $\tau\tau$ final states. <i>Physical Review D</i> , 2017 , 95,	4.9	20
482	Search for doubly charged scalar bosons decaying into same-sign boson pairs with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 58	4.2	20
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480	Searches for heavy diboson resonances in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	20
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477	Amplitude analysis of the τ_1 - τ_2 decays. <i>Physical Review D</i> , 2017 , 95,	4.9	20

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475	The structural, magnetic, and magnetocaloric properties of In-doped $\text{Mn}_2\text{Cr}_x\text{Sb}$. <i>Journal of Applied Physics</i> , 2015 , 118, 153903	2.5	20
474	Measurement of $\sigma_{\text{had}}+e^+e^-$ and σ_{had} . <i>Physical Review D</i> , 2013 , 87,	4.9	20
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472	Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at [\sqrt{s}] = 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 565	4.2	20
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469	Performance of top-quark and (\vec{v}_W)-boson tagging with ATLAS in Run 2 of the LHC. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	19
468	Determination of the Pseudoscalar Decay Constant $f_{D_{s^+}}$ via $D_{s^+} \rightarrow \pi^+ \pi^0$. <i>Physical Review Letters</i> , 2019 , 122, 071802	7.4	19
467	Improved measurement of the absolute branching fraction of ($D^+ \rightarrow \bar{K}^0 \mu^+ \nu_{\mu}$). <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	19
466	Dark photon search in the mass range between 1.5 and 3.4 GeV/c ² . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 252-257	4.2	19
465	Search for direct top squark pair production in final states with two leptons in TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 898	4.2	19
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457	Searches for third-generation scalar leptoquarks in ($\sqrt{s} = 13$ TeV) pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	18
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454	Measurement of the low-mass Drell-Yan differential cross section at ($\sqrt{s} = 7$ TeV) using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
453	Measurement of jet shapes in top-quark pair events at [Formula: see text] using the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2676	4.2	18
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445	Measurement of the $D_{s1} \rightarrow B^0$ branching fractions and the decay constant $f_{D_{s1}}$. <i>Physical Review D</i> , 2016 , 94,	4.9	17
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442	Measurement of the $D \rightarrow K^* \pi$ strong phase difference in $B(770) \rightarrow D^0 \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 734, 227-233	4.2	17
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437	Observation of $B_s^0 \rightarrow \mu^+ \mu^-$ and $B_s^0 \rightarrow \mu^+ \mu^- \gamma$. <i>Physical Review Letters</i> , 2014 , 112, 251801	7.4	17
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431	In situ calibration of large-radius jet energy and mass in 13 TeV proton-proton collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	16
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426	Dynamics of nonergodic ferromagnetic/antiferromagnetic ordering and magnetocalorics in antiperovskite Mn ₃ SnC. <i>Physical Review B</i> , 2017 , 96,	3.3	16
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4 ¹²	The performance of the jet trigger for the ATLAS detector during 2011 data taking. <i>European Physical Journal C</i> , 2016 , 76, 526	4.2	16
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383	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. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	14
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381	Search for decays of stopped, long-lived particles from 7 TeV pp collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	14
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371	Measurements of top-quark pair differential cross-sections in the [Formula: see text] channel in collisions at [Formula: see text] TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 292	4-2	13
370	Search for triboson [Formula: see text] production in collisions at [Formula: see text] [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 141	4-2	13
369	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. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	13

368	Measurement of γ CP in D^0D^0 oscillation using quantum correlations in $e^+e^-D^0D^0$ at $s=3.773$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 744, 339-346	4.2	13
367	Observation of the Singly Cabibbo-Suppressed Decay $D^{*+} \rightarrow \bar{B}^{*+}$ and Evidence for $D^{*0} \rightarrow \bar{B}^{*0}$. <i>Physical Review Letters</i> , 2016 , 116, 082001	7.4	13
366	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to $WW^* \rightarrow e\bar{\nu}$ with the ATLAS detector at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
365	Search for new phenomena in events with a photon and missing transverse momentum in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
364	Identification of high transverse momentum top quarks in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
363	Observation of $e^+e^-J/\psi \rightarrow b\bar{b}$ center-of-mass energies between 4.189 and 4.600 GeV. <i>Physical Review D</i> , 2016 , 94,	4.9	13
362	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	4.2	13
361	Study of the $[B \rightarrow \mu^+ \mu^-]$ and $[B \rightarrow \mu^+ \mu^- \gamma]$ decays with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 4	4.2	13
360	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. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	13
359	Search for R-parity-violating supersymmetry in events with four or more leptons in ($\sqrt{s}=7; \text{TeV}$) pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	13
358	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at ($\sqrt{s} = 7 \sim \text{TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	13
357	Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	13
356	Study of $J/\psi \rightarrow p\bar{p}$ at BESIII. <i>Physical Review D</i> , 2013 , 87,	4.9	13
355	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb^{-1} of ATLAS data. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	13
354	Unparticle searches through $\gamma\gamma$ scattering. <i>European Physical Journal C</i> , 2008 , 56, 279-285	4.2	13
353	Fluctuations of anisotropic flow in Pb+Pb collisions at ($\sqrt{\langle s \rangle_{\text{NN}}} = 5.02$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	13
352	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. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	13
351	Muon reconstruction and identification efficiency in ATLAS using the full Run 2 pp collision data set at ($\sqrt{s}=13$) TeV. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	13

350	Measurement of Singly Cabibbo Suppressed Decays $\bar{c} \rightarrow \bar{p} \pi^+ \pi^-$ and $\bar{c} \rightarrow \bar{p} K^+ K^-$. <i>Physical Review Letters</i> , 2016 , 117, 232002	7.4	13
349	Measurements of top-quark pair differential and double-differential cross-sections in the $(\ell \ell) + \text{jets}$ channel with pp collisions at $(\sqrt{s}=13)$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	13
348	Operation and performance of the ATLAS Tile Calorimeter in Run 1. <i>European Physical Journal C</i> , 2018 , 78, 987	4.2	13
347	Measurements of absolute branching fractions for $\bar{B} \rightarrow \bar{B} K^+$ and $\bar{B} \rightarrow \bar{B} K^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 783, 200-206	4.2	13
346	Measurements of W and Z boson production in pp collisions at $(\sqrt{s}=5.02)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	12
345	Measurement of the $W W + W Z$ 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. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	12
344	Higgs boson production cross-section measurements and their EFT interpretation in the (4ℓ) decay channel at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	12
343	Measurements of the branching fractions for the semileptonic decays $D_s^+ \rightarrow \tau^+ e^+ \bar{\nu}_e$, $D_s^+ \rightarrow \tau^+ \mu^+ \bar{\nu}_\mu$ and $D_s^+ \rightarrow \tau^+ \nu_\tau$. <i>Physical Review D</i> , 2018 , 97,	4.9	12
342	Measurements of the absolute branching fractions for $D_s^+ \rightarrow \bar{B}^0 \pi^+$ and $D_s^+ \rightarrow \bar{B}^0 e^+ \pi^+$. <i>Physical Review D</i> , 2016 , 94,	4.9	12
341	Search for new phenomena with photon+jet events in proton-proton collisions at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	12
340	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	5.4	12
339	Search for strong gravity in multijet final states produced in pp collisions at $(\sqrt{s}=13)$ TeV using the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	12
338	Probing lepton flavour violation via neutrinoless [Formula: see text] decays with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 232	4.2	12
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336	Measurement of inclusive jet and dijet cross-sections in proton-proton collisions at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12
335	Search for Higgs boson pair production in the $WW^{(*)}WW^{(*)}$ decay channel using ATLAS data recorded at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	12
334	The differential production cross section of the $\eta(1020)$ meson in $[Formula: see text] = 7$ TeV [Formula: see text] collisions measured with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 2895	4.2	12
333	Measurement of the inclusive jet cross-sections in proton-proton collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	12

332	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. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	12
331	Search for top quark decays $t \rightarrow qH$, with $H \rightarrow \mu\mu$ in ($\sqrt{s}=13$) TeV pp collisions using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	12
330	Measurements of top quark spin observables in (\overline{t}) events using dilepton final states in ($\sqrt{s}=8$) TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	12
329	Measurement of the flavour composition of dijet events in pp collisions at ($\sqrt{s}=7$ TeV) with the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	12
328	Observation of a structure at 1.84 GeV/c ² in the $3(\mu\mu)$ mass spectrum in $J/\psi(\mu\mu)$ decays. <i>Physical Review D</i> , 2013 , 88,	4.9	12
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326	Anomalous single production of the fourth SM family quarks at the Fermilab Tevatron. <i>Physical Review D</i> , 2003 , 67,	4.9	12
325	Excited quark production at the CERN LHC. <i>Physical Review D</i> , 1999 , 60,	4.9	12
324	Measurement of the top-quark mass in (\overline{t}) + 1-jet events collected with the ATLAS detector in pp collisions at (\sqrt{s}) = 8 TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	12
323	Probing the effects of dimension-eight operators describing anomalous neutral triple gauge boson interactions at FCC-hh. <i>Nuclear Physics B</i> , 2018 , 935, 365-376	2.8	12
322	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. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	11
321	Direct top-quark decay width measurement in the lepton+jets channel at with the ATLAS experiment. <i>European Physical Journal C</i> , 2018 , 78, 129	4.2	11
320	Measurement of the absolute branching fraction of $D \rightarrow K^0 e^+ \mu^-$ via $K^0 \rightarrow \pi^0 \mu^+$. <i>Chinese Physics C</i> , 2016 , 40, 113001	2.2	11
319	Study of $D \rightarrow K^0 e^+ \mu^-$. <i>Physical Review D</i> , 2016 , 94,	4.9	11
318	Identification of boosted Higgs bosons decaying into b-quark pairs with the ATLAS detector at 13 TeV. <i>European Physical Journal C</i> , 2019 , 79,	4.2	11
317	Measurement of lepton differential distributions and the top quark mass in production in collisions at 7 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 804	4.2	11
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307	Resonance production of diquarks at the CERN LHC. <i>Physical Review D</i> , 1998 , 59,	4.9	11
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302	Measurement of the CP-violating phase ϕ_s and the B^0_s meson decay width difference with $B^0_s \rightarrow J/\psi$ decays in ATLAS. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
301	Search for diboson resonances in hadronic final states in 139 fb^{-1} of pp collisions at ($\sqrt{s} = 13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	10
300	Search for lepton flavour violation in the continuum with the ATLAS detector in [Formula: see text] collisions at the LHC. <i>European Physical Journal C</i> , 2012 , 72, 2040	4.2	10
299	Measurement of detector-corrected observables sensitive to the anomalous production of events with jets and large missing transverse momentum in collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 765	4.2	10
298	Probing the Anomalous FCNC tq Couplings at Large Hadron Electron Collider. <i>Advances in High Energy Physics</i> , 2017 , 2017, 1-8	1	10
297	Study of B_J decaying into $\eta' K^*(892) K$. <i>Physical Review D</i> , 2015 , 91,	4.9	10

296	Amplitude analysis of the $D^+ \rightarrow K^0 \pi^+ \pi^0$ Dalitz plot. <i>Physical Review D</i> , 2014 , 89,	4.9	10
295	Measurement of inclusive two-particle angular correlations in pp collisions with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	10
294	Search for $B \rightarrow \pi \pi e^+ e^-$ decays in J/ψ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	10
293	Search for $B \rightarrow \pi \pi$ invisible decays in J/ψ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	10
292	Anomalous single top production at the LHeC based \bar{p} collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 685, 170-173	4.2	10
291	Production and decay of excited electrons at the LHC. <i>European Physical Journal C</i> , 2004 , 32, s1-s17	4.2	10
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288	Observation of $e^+e^- \rightarrow \pi^+\pi^-$ (2175) at center-of-mass energies above 3.7 GeV. <i>Physical Review D</i> , 2019 , 99,	4.9	10
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285	Observation of electromagnetic Dalitz decays $J/\psi \rightarrow e^+e^- \pi^0$. <i>Physical Review D</i> , 2014 , 89,	4.9	9
284	Top quark FCNC couplings at future circular hadron electron colliders. <i>Physical Review D</i> , 2017 , 96,	4.9	9
283	Observation of $e^+e^- \rightarrow \pi^+\pi^-$ at center-of-mass energies from 4.085 to 4.600 GeV. <i>Physical Review D</i> , 2017 , 96,	4.9	9
282	Measurement of the ZZ production cross section in proton-proton collisions at ($\sqrt{s}=8$) TeV using the $ZZ \rightarrow \mu^+\mu^-$ and ($ZZ \rightarrow \mu^+\mu^- \nu \bar{\nu}$) decay channels with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9
281	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. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9
280	Search for $D^0 \rightarrow \pi^+\pi^-$ and improved measurement of the branching fraction for $D^0 \rightarrow \pi^+\pi^-$. <i>Physical Review D</i> , 2015 , 91,	4.9	9
279	Observation of the isospin-violating decay $J/\psi \rightarrow \pi^+\pi^- f_0(980)$. <i>Physical Review D</i> , 2015 , 92,	4.9	9

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275	Anomalous resonant production of the fourth-family up-type quarks at the LHC. <i>Physical Review D</i> , 2009 , 80,	4.9	9
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266	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. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
265	Measurement of $e^+e^- \rightarrow K^+K^-/\pi^+\pi^-$ cross sections at center-of-mass energies from 4.189 to 4.600 GeV. <i>Physical Review D</i> , 2018 , 97,	4.9	8
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260	Search for new phenomena in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in [Formula: see text][Formula: see text][Formula: see text] collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 144	4.2	8
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258	Study of J/ψ and $(B686)$ decays to $\mu\mu$. <i>Physical Review D</i> , 2017 , 96,	4.9	8
257	Measurement of integrated luminosity and center-of-mass energy of data taken by BESIII at. <i>Chinese Physics C</i> , 2017 , 41, 113001	2.2	8
256	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. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	8
255	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 158	4.2	8
254	Precision measurements of $B((B686)\rightarrow\mu\mu)$ and $B(J/\psi\rightarrow\mu\mu)$ <i>Physical Review D</i> , 2013 , 88,	4.9	8
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250	Performance of the missing transverse momentum triggers for the ATLAS detector during Run-2 data taking. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
249	Measurements of top-quark pair spin correlations in the $(e\mu)$ channel at $(\sqrt{s} = 13)$ TeV using pp collisions in the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	8
248	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. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	8
247	Search for heavy resonances decaying into a pair of Z bosons in the $(e\ell^{+}e\ell^{-}\ell^{+}\ell^{-})$ and $(e\ell^{+}e\ell^{-}\nu\bar{\nu})$ final states using $139\text{ (fb}^{-1}\text{)}$ of proton-proton collisions at $(\sqrt{s} = 13)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	8
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244	Effects of the FCNC Couplings in Production of New Heavy Quarks within Z' Models at the LHC. <i>Advances in High Energy Physics</i> , 2016 , 2016, 1-12	1	8
243	Measurement of $B(J/\psi\rightarrow e\bar{e})$ and search for a dark photon. <i>Physical Review D</i> , 2019 , 99,	4.9	8

242	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. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	8
241	Prompt and non-prompt elliptic flow in Pb+Pb collisions at Tev with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 784	4.2	8
240	Measurement of e + e → DD cross sections at the (B770) resonance. <i>Chinese Physics C</i> , 2018 , 42, 083001	2.2	8
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238	Measurements of inclusive and differential fiducial cross-sections of ($\bar{t}\gamma$) production in leptonic final states at (\sqrt{s} =13~text {TeV}) in ATLAS. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
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235	Search for new phenomena in high-mass final states with a photon and a jet from collisions at = 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 102	4.2	7
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233	Search for squarks and gluinos in events with hadronically decaying tau leptons, jets and missing transverse momentum in proton-proton collisions at [Formula: see text] TeV recorded with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 683	4.2	7
232	Measurement of differential cross sections and W+/W- cross-section ratios for W boson production in association with jets at (\sqrt{s} =8) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
231	Observation and study of the decay J/ψ. <i>Physical Review D</i> , 2019 , 99,	4.9	7
230	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. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	7
229	Measurement of the ($\bar{t}\gamma$) production cross section in proton-proton collisions at (\sqrt{s} =8) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
228	Measurements of top-quark pair to Z-boson cross-section ratios at (\sqrt{s} =13) , 8, 7 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
227	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. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
226	Search for new phenomena in a lepton plus high jet multiplicity final state with the ATLAS experiment using (\sqrt{s} =13) TeV proton-proton collision data. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
225	Studies of Z production in association with a high-mass dijet system in pp collisions at (\sqrt{s} =8) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7

224	Observation of the doubly radiative decay $\tilde{g} \rightarrow g\tilde{g}$. <i>Physical Review D</i> , 2017 , 96,	4.9	7
223	Analysis of the Wtb vertex from the measurement of triple-differential angular decay rates of single top quarks produced in the t-channel at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
222	Search for $Zc(3900) \rightarrow \tilde{g}g$. <i>Physical Review D</i> , 2015 , 92,	4.9	7
221	Measurements of $\tilde{g} \rightarrow p\bar{p}K^+0$ and $\tilde{g} \rightarrow p\bar{p}K^+0$. <i>Physical Review D</i> , 2013 , 87,	4.9	7
220	Search for baryonic decays of $\tilde{t}(B770)$ and $\tilde{t}(4040)$. <i>Physical Review D</i> , 2013 , 87,	4.9	7
219	Heavy quarks at ep and gamma p colliders. <i>Europhysics Letters</i> , 1997 , 38, 13-18	1.6	7
218	Anomalous single production of the fourth-SM-family quarks decaying into a light scalar boson at the Tevatron. <i>Europhysics Letters</i> , 2003 , 62, 332-335	1.6	7
217	Measurement of the transverse momentum distribution of Drell-Yan lepton pairs in proton-proton collisions at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	7
216	Search for type-III seesaw heavy leptons in dilepton final states in pp collisions at $(\sqrt{s} = 13, \text{TeV})$ with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	7
215	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $(\ell\ell b\bar{b})$ and $(\ell\ell WW)$ final states in pp collisions at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	7
214	Measurement of the [Formula: see text] dijet cross section in collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 670	4.2	7
213	Search for new phenomena in different-flavour high-mass dilepton final states in collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 541	4.2	7
212	Search for direct top squark pair production in final states with two tau leptons in collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 81	4.2	7
211	Measurement of $(W^{\pm} \rho^{\pm})$ boson production in Pb+Pb collisions at $(\sqrt{s_{\text{NN}}}) = 5.02 \sim \text{TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
210	Search for bottom-squark pair production with the ATLAS detector in final states containing Higgs bosons, b-jets and missing transverse momentum. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	7
209	Measurements of WH and ZH production in the $(H \rightarrow b\bar{b})$ decay channel in pp collisions at $(13, \text{TeV})$ with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	7
208	Measurement of the Absolute Branching Fraction of the Inclusive Semileptonic $\tilde{c}^{\pm} \rightarrow c^{\pm} \tilde{g}$ Decay. <i>Physical Review Letters</i> , 2018 , 121, 251801	7.4	7
207	Measurement of the Absolute Branching Fraction of the Inclusive Decay $\tilde{c}^{\pm} \rightarrow c^{\pm} \tilde{g}$. <i>Physical Review Letters</i> , 2018 , 121, 062003	7.4	7

206	Search for the rare decays $D \rightarrow h(h?)e^+e^-$. <i>Physical Review D</i> , 2018 , 97,	4.9	7
205	Evidence for the decays of $\Lambda_c^+ \rightarrow \Sigma^+ \eta$ and $\Sigma^+ \eta'$. <i>Chinese Physics C</i> , 2019 , 43, 083002	2.2	6
204	Evidence for $e^+e^- \rightarrow \mu^+\mu^-$ at center-of-mass energies from 4.009 to 4.360 GeV. <i>Chinese Physics C</i> , 2015 , 39, 041001	2.2	6
203	Measurement of the matrix elements for the decays $B \rightarrow \mu^+\mu^-$ and $B \rightarrow \mu^+\mu^0$. <i>Physical Review D</i> , 2018 , 97,	4.9	6
202	Observation of h_{c1} Radiative Decay $h_{c1} \rightarrow \mu^+\mu^-$ and Evidence for $h_{c1} \rightarrow \mu^+\mu^0$. <i>Physical Review Letters</i> , 2016 , 116, 251802	7.4	6
201	Observation of J/ψ . <i>Physical Review D</i> , 2016 , 94,	4.9	6
200	A new method to distinguish hadronically decaying boosted bosons from bosons using the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 238	4.2	6
199	Search for the rare decays $J/\psi \rightarrow s\bar{s}$ and $J/\psi \rightarrow \mu^+\mu^-K^0$. <i>Physical Review D</i> , 2014 , 89,	4.9	6
198	Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	6
197	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. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	6
196	Search for $(B_{686} \rightarrow B(1405)) \rightarrow \mu^0$. <i>Physical Review D</i> , 2017 , 96,	4.9	6
195	Top-quark mass measurement in the all-hadronic (\overline{t}) decay channel at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	6
194	Anomalous HZ couplings in photon-induced collisions at the LHC. <i>Modern Physics Letters A</i> , 2014 , 29, 1450186	1.3	6
193	Evidence for $B \rightarrow \mu^+\mu^-$ and measurement of J/ψ . <i>Physical Review D</i> , 2013 , 87,	4.9	6
192	Unparticle searches through Compton scattering. <i>Europhysics Letters</i> , 2008 , 83, 51001	1.6	6
191	Anomalous production of fourth-family up-quarks at future lepton hadron colliders. <i>Europhysics Letters</i> , 2004 , 66, 657-660	1.6	6
190	Anomalous Wtb coupling in ep collision. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 522, 76-82	4.2	6
189	Search for excited quarks with the ATLAS experiment at the CERN LHC: Double jets channel. <i>Physical Review D</i> , 2000 , 62,	4.9	6

188	HERA+LC-BASED $\bar{p}p$ COLLIDER: LUMINOSITY AND PHYSICS. <i>International Journal of Modern Physics A</i> , 1996 , 11, 2019-2044	1.2	6
187	Search for (χ_{c0}) resonances in fully hadronic final states in pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	6
186	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. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	6
185	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. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	6
184	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a lepton in pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	6
183	Measurement of the ($Z \rightarrow \nu\bar{\nu}$) production cross section in pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector and limits on anomalous triple gauge-boson couplings. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
182	Search for exclusive Higgs and Z boson decays to $\tau\bar{\tau}$ and $\mu\bar{\mu}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
181	Measurement of jet activity produced in top-quark events with an electron, a muon and two -tagged jets in the final state in collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 220	4.2	5
180	Study of the Dalitz decay $J/\psi \rightarrow e^+e^-$ <i>Physical Review D</i> , 2019 , 99,	4.9	5
179	Probing top quark FCNC tq and tqZ couplings at future electron-proton colliders. <i>Nuclear Physics B</i> , 2019 , 944, 114640	2.8	5
178	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. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
177	Precision measurement of the D^*0 decay branching fractions. <i>Physical Review D</i> , 2015 , 91,	4.9	5
176	Observation of $e^+e^- \rightarrow \psi(3686)$ and $\psi(2S)$ at $s=4.600$ GeV. <i>Physical Review D</i> , 2018 , 97,	4.9	5
175	Measurement of differential cross-sections of a single top quark produced in association with a boson at with ATLAS. <i>European Physical Journal C</i> , 2018 , 78, 186	4.2	5
174	Study of $\psi(1475)$ and $X(1835)$ in radiative J/ψ decays to γ . <i>Physical Review D</i> , 2018 , 97,	4.9	5
173	Measurement of $e^+e^- \rightarrow \psi(3686)$ at s from 4.009 to 4.600 GeV and observation of a neutral charmoniumlike structure. <i>Physical Review D</i> , 2018 , 97,	4.9	5
172	Search for the weak decay $\psi(3686) \rightarrow K^+K^-$ and precise measurement of the branching fraction $B(J/\psi \rightarrow \psi(3686))$. <i>Physical Review D</i> , 2016 , 93,	4.9	5
171	Study of $e^+e^- \rightarrow \psi(3686)$ in the vicinity of the $\psi(3770)$. <i>Physical Review D</i> , 2014 , 90,	4.9	5

170	Partial wave analysis of $(2S)\text{-}\rho\rho$ <i>Physical Review D</i> , 2013 , 88,	4.9	5
169	Measurement of higher-order multipole amplitudes in $(B686)\text{-}B_{1,2}$ with $B_{1,2}\text{-}B/\bar{B}$ and search for the transition $B(2S)\text{-}B/\bar{B}$ <i>Physical Review D</i> , 2017 , 95,	4.9	5
168	Measurements of cross section of $e^+e^-\text{-}pp$ at center-of-mass energies between 4.008 and 4.600 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 45-51	4.2	5
167	Amplitude analysis of $D0\text{-}K\pi\pi$ <i>Physical Review D</i> , 2017 , 95,	4.9	5
166	Measurement of b-hadron pair production with the ATLAS detector in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	5
165	Search for the isospin violating decay $\Upsilon(4260)\text{-}\beta/\bar{0}$. <i>Physical Review D</i> , 2015 , 92,	4.9	5
164	Measurement of four-jet differential cross sections in ($\sqrt{s}=8$) TeV proton-proton collisions using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1-76	5.4	5
163	Pair production of new heavy leptons with $U(1)'$ charge at linear colliders. <i>International Journal of Modern Physics A</i> , 2014 , 29, 1450055	1.2	5
162	Unparticle effects on top quark rare decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 670, 336-339	4.2	5
161	Search for excited quarks with the ATLAS experiment at the CERN LHC: $W/Z+\text{jet}$ channel. <i>Physical Review D</i> , 2001 , 63,	4.9	5
160	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. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	5
159	Search for the $HH\text{-}\overline{b}\overline{b}$ process via vector-boson fusion production using proton-proton collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	5
158	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. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	5
157	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb of Pb+Pb data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	5
156	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. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	5
155	Measurement of event-shape observables in [Formula: see text] events in collisions at [Formula: see text] with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2016 , 76, 375	4.2	5
154	Measurement of the leptonic decay width of J/ψ using initial state radiation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 761, 98-103	4.2	5
153	Measurement of the relative width difference of the $(\{B\}^0\text{-}\overline{B}^0)$ system with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	5

152	Search for a strangeonium-like structure Z_s decaying into $\gamma\gamma$ and a measurement of the cross section $e^+e^- \rightarrow \gamma\gamma$ <i>Physical Review D</i> , 2019 , 99,	4.9	5
151	Differential cross-section measurements for the electroweak production of dijets in association with a Z boson in proton-proton collisions at ATLAS. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	5
150	Search for dark matter in association with an energetic photon in pp collisions at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	5
149	Measurement of colour flow using jet-pull observables in events with the ATLAS experiment at. <i>European Physical Journal C</i> , 2018 , 78, 847	4.2	5
148	Measurement of the inclusive and fiducial production cross-sections in the lepton+jets channel in collisions at with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 487	4.2	5
147	Observation of $(B_{686})_{\mu\mu}$ and improved measurement of $(B_{686})_{pp}$ <i>Physical Review D</i> , 2018 , 98,	4.9	5
146	Top quark anomalous FCNC production via $tq\gamma$ couplings at an FCC-hh. <i>Physical Review D</i> , 2019 , 99,	4.9	4
145	Probing anomalous $(tq\gamma)$ and $tq\gamma$ couplings via single top production in association with photon at FCC-hh. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	4
144	The projections on ZZ and $Z\gamma$ couplings via $\gamma\gamma$ production in HL-LHC and HE-LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 802, 135255	4.2	4
143	Measurement of jet activity in top quark events using the e^+ final state with two b-tagged jets in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	4
142	Measurement of the branching fraction for $(B_{770})_{\mu}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 103-109	4.2	4
141	Evidence for $e^+e^- \rightarrow (1S)$ at center-of-mass energies between 4.01 and 4.60 GeV. <i>Physical Review D</i> , 2017 , 96,	4.9	4
140	Improved measurements of two-photon widths of the $\chi_{J=0}$ states and helicity analysis for $\chi_{J=0}$ <i>Physical Review D</i> , 2017 , 96,	4.9	4
139	Observation of $\gamma\gamma \rightarrow e^+e^-$ <i>Physical Review D</i> , 2015 , 92,	4.9	4
138	New IceCube data and color octet neutrino interpretation of the PeV energy events. <i>International Journal of Modern Physics A</i> , 2015 , 30, 1550163	1.2	4
137	Search for the weak decays $J/\psi \rightarrow s^* \gamma \rightarrow \mu^+ \mu^- + c.c.$. <i>Physical Review D</i> , 2014 , 90,	4.9	4
136	Observation of $J/\psi \rightarrow \mu^+ \mu^- \chi_{0(980)}$ at BESIII. <i>Physical Review D</i> , 2014 , 90,	4.9	4
135	Search for the lepton flavor violation process $J/\psi \rightarrow \tau^+ \tau^-$ at BESIII. <i>Physical Review D</i> , 2013 , 87,	4.9	4

134	Search for $\bar{b}(2S)hc\text{-}pp$ decays and measurements of the $\bar{b}J\text{-}pp$ branching fractions. <i>Physical Review D</i> , 2013 , 88,	4.9	4
133	Experimental study of \bar{b} decays to $K+K^0$ and $K+K^0$ <i>Physical Review D</i> , 2012 , 86,	4.9	4
132	Measurement of $\bar{b}j$ decaying into pn^0 and pn^0 . <i>Physical Review D</i> , 2012 , 86,	4.9	4
131	Precision measurements of branching fractions for $\bar{b}J/\psi$ and $\bar{b}J/\psi$ <i>Physical Review D</i> , 2012 , 86,	4.9	4
130	A search for the fourth SM family quarks at the Tevatron. <i>European Physical Journal C</i> , 2005 , 39, 499-501	4.2	4
129	Search for heavy diboson resonances in semileptonic final states in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
128	Alignment of the ATLAS Inner Detector in Run 2. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
127	Measurement of J/ψ production in association with a W^\pm boson with pp data at 8 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	4
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. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	4
125	Sensitivity on anomalous neutral triple gauge couplings via ZZ production at FCC-hh. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
124	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. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
123	Search for dark matter produced in association with a single top quark in ($\sqrt{s}=13$) TeV (pp) collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	4
122	Measurements of the branching fractions for $D^+\text{-}KS^0KS^0K^+$, $KS^0KS^0\bar{K}^0$ and $D^0\text{-}KS^0KS^0$, $KS^0KS^0KS^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 765, 231-237	4.2	3
121	Observation of the W-annihilation decay $Ds^+\text{-}\bar{K}^0$ and evidence for $Ds^+\text{-}\bar{K}^+$. <i>Physical Review D</i> , 2019 , 99,	4.9	3
120	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. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	3
119	Measurement of long-range two-particle azimuthal correlations in Z-boson tagged pp collisions at ($\sqrt{s}=8$) and 13 TeV. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	3
118	Measurement of the absolute branching fraction of $Ds^0(2317)^-\text{-}B^0Ds^0$. <i>Physical Review D</i> , 2018 , 97,	4.9	3
117	Measurement of polarisation in decays in proton-proton collisions at TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 163	4.2	3

116	Search for heavy Majorana neutrino in lepton number violating decays of $D \rightarrow K^0 e^+ e^+$. <i>Physical Review D</i> , 2019 , 99,	4.9	3
115	Search for excited electrons singly produced in proton-proton collisions at $\sqrt{s} \sim 13$ TeV with the ATLAS experiment at the LHC. <i>European Physical Journal C</i> , 2019 , 79,	4.2	3
114	Measurement of the branching fraction for $B \rightarrow K^0 \mu^+ \mu^-$. <i>Physical Review D</i> , 2014 , 89,	4.9	3
113	Search for the radiative leptonic decay $D \rightarrow \mu^+ \mu^- \gamma$. <i>Physical Review D</i> , 2017 , 95,	4.9	3
112	Measurement of the k_t splitting scales in $Z \rightarrow \mu^+ \mu^-$ events in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	3
111	Measurements of $B \rightarrow K^0 \mu^+ \mu^-$ and $B \rightarrow K^0 \tau^+ \tau^-$. <i>Physical Review D</i> , 2015 , 91,	4.9	3
110	Measurement of $B \rightarrow K^0 \mu^+ \mu^-$ and search for $B \rightarrow K^0 \tau^+ \tau^-$. <i>Physical Review D</i> , 2015 , 91,	4.9	3
109	Measurement of the branching fractions of $D_s \rightarrow X^+ \mu^-$ and $D_s \rightarrow X^+ \tau^-$ in $e^+ e^- \rightarrow D_s^+ D_s^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 750, 466-474	4.2	3
108	Measurement of $B \rightarrow K^0 \mu^+ \mu^-$ decaying into $B \rightarrow K^0 \mu^+ \mu^-$. <i>Physical Review D</i> , 2014 , 89,	4.9	3
107	Observation of B decay into $B \rightarrow K^0 \mu^+ \mu^-$ and $B \rightarrow K^0 \tau^+ \tau^-$ final states. <i>Physical Review D</i> , 2013 , 87,	4.9	3
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103	Situations of distance education institutions in Turkey. <i>Procedia, Social and Behavioral Sciences</i> , 2010 , 9, 1722-1730		3
102	Probing little Higgs model in $e^+ e^- \rightarrow \mu^+ \mu^-$ process. <i>European Physical Journal C</i> , 2008 , 54, 149-158	4.2	3
101	Single and pair production of vector leptoquarks at high-energy gamma p colliders. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1995 , 21, 1189-1198	2.9	3
100	The Large Hadron Electron Collider at the HL-LHC. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2021 , 48, 110501	2.9	3
99	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector 2015 , 75, 1		3

98	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. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	3
97	Determination of jet calibration and energy resolution in proton-proton collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	3
96	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
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94	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. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	3
93	Measurement of hadronic event shapes in high- p_T multijet final states at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	3
92	Observation of $B_{(s)}^0 \rightarrow e^+e^-$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 783, 452-458	4.2	3
91	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. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	2
90	Search for baryon and lepton number violation in $J/\psi \rightarrow e^+e^-$ c.c.. <i>Physical Review D</i> , 2019 , 99,	4.9	2
89	Observation of $B_{(s)}^0 \rightarrow \mu^+\mu^-$ and improved measurement of $J/\psi \rightarrow \mu^+\mu^-$. <i>Physical Review D</i> , 2019 , 99,	4.9	2
88	Measurement of the phase between strong and electromagnetic amplitudes of J/ψ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 791, 375-384	4.2	2
87	Observation of $D_{s1}^+ \rightarrow \rho^0\pi^+$ and confirmation of its large branching fraction. <i>Physical Review D</i> , 2019 , 99,	4.9	2
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