

Kaushik De

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5099295/kaushik-de-publications-by-year.pdf>

Version: 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

966
papers

33,359
citations

76
h-index

124
g-index

1,007
ext. papers

37,234
ext. citations

5
avg, IF

3.1
L-index

#	Paper	IF	Citations
966	Performance of the ATLAS Level-1 topological trigger in Run2. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	0
965	Search for exotic decays of the Higgs boson into $b\bar{b}$ and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
964	Observation of electroweak production of two jets in association with an isolated photon and missing transverse momentum, and search for a Higgs boson decaying into invisible particles at 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	0
963	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with 139 fb ⁻¹ of pp collision data at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
962	AtlFast3: The Next Generation of Fast Simulation in ATLAS. <i>Computing and Software for Big Science</i> , 2022 , 6, 1	6	0
961	Measurement of the energy response of the ATLAS calorimeter to charged pions from $W^{\pm} \rightarrow \tau^{\pm} \rightarrow \pi^{\pm} \nu_{\tau} \nu_{\tau}$ events in Run2 data. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	0
960	The ATLAS inner detector trigger performance in pp collisions at 13 TeV during LHC Run 2. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	
959	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s} = 7, 8$ and 13 TeV. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	1
958	Search for R-parity-violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment using ($\sqrt{s} = 13$ TeV) proton-proton collision data. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	2
957	Measurement of the $t(\bar{t})t(\bar{t})$ production cross section in pp collisions at ($\sqrt{s} = 13$ TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
956	Search for dark matter in events with missing transverse momentum and a Higgs boson decaying into two photons in pp collisions at ($\sqrt{s} = 13$ TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
955	Search for type-III seesaw heavy leptons in dilepton 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
954	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb ⁻¹ of Pb+Pb data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	5
953	Search for Higgs boson production in association with a high-energy photon via vector-boson fusion with decay into bottom quark pairs at ($\sqrt{s} = 13$ TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
952	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
951	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
950	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

949	Optimisation of large-radius jet reconstruction for the ATLAS detector in 13 TeV proton-proton collisions. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	2
948	Search for heavy resonances decaying into a pair of Z bosons in the $(e^+e^-e^+e^-)$ and $(e^+e^-e^+e^-)$ final states using 139 fb^{-1} 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
947	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
946	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the (e^+e^-bb) and (e^+e^-WW) 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
945	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
944	Measurements of $W+W$ jet production cross-sections in pp collisions at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
943	Search for charged Higgs bosons decaying into a top quark and a bottom quark at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	8
942	Measurements of Higgs bosons decaying to bottom quarks from vector boson fusion production with the ATLAS experiment at $(\sqrt{s}=13)$ (text {TeV}). <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	0
941	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
940	Search for supersymmetry in events with four or more charged leptons in 139 fb^{-1} of $(\sqrt{s}) = 13$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
939	Determination of the parton distribution functions of the proton from ATLAS measurements of differential W and Z boson production in association with jets. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
938	Measurements of differential cross-sections in four-lepton events in 13 TeV proton-proton collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
937	A search for the decays of stopped long-lived particles at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
936	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
935	Measurement of hadronic event shapes in high-pT 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
934	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
933	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
932	Measurements of WH and ZH production in the $(H \rightarrow b\bar{b})$ decay channel in pp collisions at (13) (text {Te}) (text {V}) with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	7

931	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
930	Search for squarks and gluinos in final states with one isolated lepton, jets, and missing transverse momentum at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	0
929	Measurement of single top-quark production in association with a W boson in the single-lepton channel at $(\sqrt{s} = 8, \text{TeV})$ with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
928	Jet energy scale and resolution measured in proton-proton collisions at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	11
927	Measurements of the inclusive and differential production cross sections of a top-quark-antiquark pair in association with a Z boson at $(\sqrt{s} = 13)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
926	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
925	Measurements of top-quark pair single- and double-differential cross-sections in the all-hadronic channel in pp collisions at $(\sqrt{s}) = 13$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
924	Search for phenomena beyond the Standard Model in events with large b-jet multiplicity using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
923	Search for dark matter produced in association with a Standard Model Higgs boson decaying into b-quarks using the full Run 2 dataset from the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
922	Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
921	Search for exotic decays of the Higgs boson into long-lived particles in pp collisions at $\sqrt{s} = 13$ TeV using displaced vertices in the ATLAS inner detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
920	Search for chargino-neutralino pair production in final states with three leptons and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
919	Configuration and performance of the ATLAS b-jet triggers in Run 2. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
918	Measurement of b-quark fragmentation properties in jets using the decay $B \rightarrow J/\psi$ in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
917	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $(\sqrt{s}) = 13$ TeV proton-proton collisions recorded by ATLAS in Run 2 of the LHC. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	7
916	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
915	Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in $(\sqrt{s}) = 13$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
914	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

913	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
912	Enabling Data Intensive Science on Supercomputers for High Energy Physics R&D Projects in HL-LHC Era. <i>EPJ Web of Conferences</i> , 2020 , 226, 01007	0.3	
911	Measurement of the $Z \rightarrow \mu\mu$ production cross-section in pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
910	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
909	Transverse momentum and process dependent azimuthal anisotropies in (\sqrt{s}_{NN})=8.16 TeV p+Pb collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	7
908	Performance of electron and photon triggers in ATLAS during LHC Run 2. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	30
907	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
906	Search for top squarks in events with a Higgs or Z boson using 139 fb ⁻¹ of pp collision data at (\sqrt{s})=13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	1
905	Evidence for ($t\bar{t}$) production in the multilepton final state in proton-proton collisions at (\sqrt{s})=13 (text {TeV}) with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	8
904	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
903	Search for light long-lived neutral particles produced in pp collisions at (\sqrt{s}) = 13~mathrm {TeV} and decaying into collimated leptons or light hadrons with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	8
902	Search for a scalar partner of the top quark in the all-hadronic ($t\bar{t}$) plus missing transverse momentum final state at (\sqrt{s})=13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	17
901	Alignment of the ATLAS Inner Detector in Run 2. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
900	Determination of jet calibration and energy resolution in proton-proton collisions at (\sqrt{s}) = 8~hbox {TeV} using the ATLAS detector. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	3
899	Measurement of J/ψ production in association with a W boson with pp data at 8 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	4
898	Search for new resonances in mass distributions of jet pairs using 139 fb ⁻¹ of pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	20
897	Search for (\overline{t}) 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
896	Reconstruction and identification of boosted di- τ systems in a search for Higgs boson pairs using 13 TeV proton-proton collision data in ATLAS. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	3

895	Managing the ATLAS Grid through Harvester. <i>EPJ Web of Conferences</i> , 2020 , 245, 03010	0.3	3
894	Using Kubernetes as an ATLAS computing site. <i>EPJ Web of Conferences</i> , 2020 , 245, 07025	0.3	3
893	Measurements of inclusive and differential cross-sections of combined ($\overline{t}\gamma$) and tW production in the $e\ell$ channel at 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
892	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
891	Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	9
890	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the $4(\ell\ell)$ decay channel at $(\sqrt{s}) = 13$ TeV. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	9
889	Fluctuations of anisotropic flow in Pb+Pb collisions at $(\sqrt{\mathit{s}}_{\mathit{NN}}) = 5.02$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	13
888	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
887	Measurement of differential cross sections for single diffractive dissociation in $(\sqrt{s}) = 8$ TeV pp collisions using the ATLAS ALFA spectrometer. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1
886	Measurement of isolated-photon plus two-jet production in pp collisions at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
885	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
884	Search for the $HH \rightarrow (\overline{b}b)$ 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
883	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
882	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
881	Search for direct production of electroweakinos in final states with missing transverse momentum and a Higgs boson decaying into photons in pp collisions at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1
880	Measurements of top-quark pair spin correlations in the $(\mu\mu)$ 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
879	Measurement of the cross-section and charge asymmetry of W bosons produced in proton-proton collisions at $(\sqrt{s}=8\text{--}13)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	11
878	Measurement of jet-substructure observables in top quark, W boson and light jet production in proton-proton collisions at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	8

877	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
876	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
875	Searches for scalar leptoquarks and differential cross-section measurements in dilepton-dijet events in proton-proton collisions at a centre-of-mass energy of (\sqrt{s}) = 13 TeV with the ATLAS experiment. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	15
874	Search for single production of vector-like quarks decaying into Wb in pp collisions at (\sqrt{s}) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	14
873	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
872	Measurement of VH , ($\text{H} \rightarrow \overline{\text{b}}\text{b}$) production as a function of the vector-boson transverse momentum in 13 TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	8
871	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
870	Performance of top-quark and (W)-boson tagging with ATLAS in Run 2 of the LHC. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	19
869	Measurements of inclusive and differential fiducial cross-sections of ($\text{t}\bar{\text{t}}\gamma$) production in leptonic final states at (\sqrt{s})=13 TeV in ATLAS. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
868	A Roadmap for HEP Software and Computing R&D for the 2020s. <i>Computing and Software for Big Science</i> , 2019 , 3, 1	6	43
867	Electron and photon energy calibration with the ATLAS detector using 2015-2016 LHC proton-proton collision data. <i>Journal of Instrumentation</i> , 2019 , 14, P03017-P03017	1	25
866	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
865	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
864	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
863	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
862	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
861	Measurement of the top quark mass in the ($\text{t}\bar{\text{t}}\gamma$) 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
860	Search for pair production of Higgs bosons in the ($\overline{\text{b}}\text{b}$) 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

859	Constraints on mediator-based dark matter and scalar dark energy models using $(\sqrt{s}) = 13$ TeV pp collision data collected by the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	31
858	Search for long-lived neutral particles in pp collisions at $(\sqrt{s}) = 13$ TeV that decay into displaced hadronic jets in the ATLAS calorimeter. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	18
857	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
856	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
855	Measurement of $(W^{\pm}Z)$ production cross sections and gauge boson polarisation in pp collisions at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	20
854	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
853	Search for scalar resonances decaying into $\mu\mu$ events with and without b-tagged jets produced 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	8
852	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
851	Search for excited electrons singly produced in proton-proton collisions at $(\sqrt{s}) \approx 13$ TeV with the ATLAS experiment at the LHC. <i>European Physical Journal C</i> , 2019 , 79,	4.2	3
850	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
849	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
848	Measurement of the inclusive isolated-photon cross section in pp collisions at $(\sqrt{s}) = 13$ TeV using 36 fb ⁻¹ of ATLAS data. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
847	A strategy for a general search for new phenomena using data-derived signal regions and its application within the ATLAS experiment. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	14
846	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
845	Measurement of fiducial and differential (W^+W^-) production cross-sections at $(\sqrt{s}) = 13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	16
844	Measurement of ZZ production in the final state with the ATLAS detector in pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
843	Measurement of (W^{\pm}) -boson and Z-boson production cross-sections in pp collisions at $(\sqrt{s}) = 2.76$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	2
842	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

841	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
840	Measurement of ($W^{\pm} \mu$) 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
839	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
838	Measurement of flow harmonics correlations with mean transverse momentum in lead-lead and proton-lead 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	16
837	Harvester : an edge service harvesting heterogeneous resources for ATLAS. <i>EPJ Web of Conferences</i> , 2019 , 214, 03030	0.3	7
836	The Future of Distributed Computing Systems in ATLAS: Boldly Venturing Beyond Grids. <i>EPJ Web of Conferences</i> , 2019 , 214, 03047	0.3	3
835	The Data Ocean Project. <i>EPJ Web of Conferences</i> , 2019 , 214, 04020	0.3	4
834	Measurements of top-quark pair differential and double-differential cross-sections in the ($\ell\ell$)+jets channel with pp collisions at ($\sqrt{s}=13$) TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	13
833	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
832	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fb ⁻¹ of pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	81
831	Measurement of the cross-section for producing a W boson in association with a single top quark in pp collisions at ($\sqrt{s}=13$) TeV with ATLAS. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	10
830	Measurement of the Z -boson mass in pp collisions at with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 110	4.2	59
829	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
828	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
827	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
826	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
825	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
824	Search for heavy resonances in the and final states using proton-proton collisions at with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 293	4.2	41

823	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
822	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
821	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
820	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
819	Search for W W/W Z resonance production in $\bar{q}q$ 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
818	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
817	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
816	Search for dark matter produced in association with bottom or top quarks in \sqrt{s} TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 18	4.2	32
815	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 199	4.2	55
814	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
813	Searches for heavy ZZ and ZW resonances in the $\bar{q}q$ and $\bar{q}q$ 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	17
812	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
811	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
810	Measurement of the W-boson mass in pp collisions at ($\sqrt{s}=7$, \sqrt{s} {TeV}) with the ATLAS detector 2018 , 78, 1		1
809	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton-proton collisions at ($\sqrt{s}=13$, \sqrt{s} {TeV}) 2018 , 78, 1		1
808	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 2018 , 2018, 1		1
807	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the $H \rightarrow aa \rightarrow 4b$ channel in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	14
806	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

805	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
804	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
803	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
802	A study of the applicability of recommender systems for the Production and Distributed Analysis system PanDA of the ATLAS Experiment. <i>Journal of Physics: Conference Series</i> , 2018 , 1085, 042028	0.3	
801	Angular analysis of $B^0 \rightarrow K^{*0} \mu^+ \mu^-$ 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
800	Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in 36 fb of collisions at $\sqrt{s}=13$ TeV with the ATLAS experiment. <i>European Physical Journal C</i> , 2018 , 78, 401	4.2	23
799	Search for dark matter in events with a hadronically decaying vector boson and missing transverse momentum in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
798	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
797	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
796	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
795	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
794	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
793	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
792	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
791	Operation and performance of the ATLAS Tile Calorimeter in Run 1. <i>European Physical Journal C</i> , 2018 , 78, 987	4.2	13
790	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
789	Search for pair production of heavy vector-like quarks decaying into high-pT W bosons and top quarks in the lepton-plus-jets final state in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	16
788	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

787	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
786	Search for supersymmetry in final states with charm jets and missing transverse momentum in 13 TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	9
785	Search for charged Higgs bosons decaying via $H_{\pm} \rightarrow \tau\tau$ in the τ jets and τ 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
784	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
783	Search for Higgs boson decays to beyond-the-Standard-Model light bosons in four-lepton events with the ATLAS detector at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	22
782	Search for exclusive Higgs and Z boson decays to $\tau\tau$ and $\tau\nu$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	6
781	Measurements of b-jet tagging efficiency with the ATLAS detector using (\overline{t}) events at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	31
780	Search for flavour-changing neutral current top-quark decays $t \rightarrow qZ$ in proton-proton collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	8
779	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
778	Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 565	4-2	34
777	Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in $\sqrt{s}=13$ TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2018 , 78, 625	4-2	15
776	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
775	Measurement of the $\sigma[\text{Formula: see text}]$ and $\sigma[\text{Formula: see text}]$ production cross sections in multilepton final states using 3.2 fb $^{-1}$ of $\sqrt{s}=13$ TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 40	4-2	14
774	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
773	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
772	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 $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 220	4-2	5
771	Measurement of the boson polarisation in $\tau\tau$ events from collisions at $\sqrt{s}=8$ TeV in the lepton+ τ jets channel with ATLAS. <i>European Physical Journal C</i> , 2017 , 77, 264	4-2	19
770	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

769	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
768	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
767	Measurement of the prompt [Formula: see text] pair production cross-section in collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 76	4.2	47
766	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
765	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
764	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
763	Measurements of electroweak [Formula: see text] production and constraints on anomalous gauge couplings with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 474	4.2	14
762	Jet reconstruction and performance using particle flow with the ATLAS Detector. <i>European Physical Journal C</i> , 2017 , 77, 466	4.2	42
761	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
760	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
759	Measurement of lepton differential distributions and the top quark mass in production in collisions at TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 804	4.2	11
758	Measurement of the ($\overline{t}\gamma$) 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
757	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
756	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
755	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
754	Measurement of the ZZ production cross section in proton-proton collisions at ($\sqrt{s}=8$) TeV using the $ZZ \rightarrow \mu\mu^+\nu$ and ($ZZ \rightarrow \ell\ell^+\nu \overline{\nu}$) decay channels with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9
753	Probing the W tb vertex structure in t-channel single-top-quark production and decay in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	11
752	Measurements of $\chi(3512)$ and $X(3872) \rightarrow J/\psi \eta'$ production in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	15

751	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
750	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
749	Performance of the ATLAS trigger system in 2015. <i>European Physical Journal C</i> , 2017 , 77, 317	4.2	272
748	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
747	Measurements of the production cross section of a [Formula: see text] boson in association with jets in collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 361	4.2	26
746	Precision measurement and interpretation of inclusive, and production cross sections with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 367	4.2	56
745	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
744	Search for dark matter at [Formula: see text] 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
743	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
742	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
741	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
740	Measurement of detector-corrected observables sensitive to the anomalous production of events with jets and large missing transverse momentum in collisions at TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 765	4.2	10
739	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
738	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
737	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
736	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
735	Identification and rejection of pile-up jets at high pseudorapidity with the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 580	4.2	16
734	Measurement of production with the hadronically decaying boson reconstructed as one or two jets in collisions at with ATLAS, and constraints on anomalous gauge couplings. <i>European Physical Journal C</i> , 2017 , 77, 563	4.2	15

733	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
732	Searches for the $Z\gamma$ decay mode of the Higgs boson and for new high-mass resonances in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	20
731	Studies of $Z\gamma$ 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
730	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
729	Search for top quark decays $t \rightarrow qH$, with $H \rightarrow \gamma\gamma$ in ($\sqrt{s}=13$) TeV pp collisions using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	12
728	Study of $gg \rightarrow t\bar{t}$ production in collisions at $\sqrt{s}=8$ TeV and search for anomalous quartic gauge couplings with the ATLAS experiment. <i>European Physical Journal C</i> , 2017 , 77, 646	4-2	11
727	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
726	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
725	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
724	Measurement of the Drell-Yan triple-differential cross section in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	16
723	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
722	Search for supersymmetry in final states with two same-sign or three leptons and jets using 36 fb $^{-1}$ of ($\sqrt{s}=13$) TeV pp collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	22
721	Search for pair production of heavy vector-like quarks decaying to high-p T W bosons and b quarks in the lepton-plus-jets final state in pp collisions at ($\sqrt{s}=13$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	29
720	2017 ,		8
719	Measurement of the k_t splitting scales in $Z \rightarrow \ell\bar{\ell}$ 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
718	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
717	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
716	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

715	Determination of the strong coupling constant from transverse energy-energy correlations in multijet events at using the ATLAS detector. <i>European Physical Journal C</i> , 2017 , 77, 872	4.2	19
714	PanDA for ATLAS distributed computing in the next decade. <i>Journal of Physics: Conference Series</i> , 2017 , 898, 052002	0.3	12
713	HEP Computing Tools, Grid and Supercomputers for Genome Sequencing Studies. <i>Journal of Physics: Conference Series</i> , 2017 , 898, 052018	0.3	
712	Integration of Titan supercomputer at OLCF with ATLAS Production System. <i>Journal of Physics: Conference Series</i> , 2017 , 898, 092002	0.3	3
711	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. <i>European Physical Journal C</i> , 2016 , 76, 295	4.2	28
710	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
709	Integration of Panda Workload Management System with supercomputers. <i>Physics of Particles and Nuclei Letters</i> , 2016 , 13, 647-653	0.5	1
708	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
707	Measurement of jet activity in top quark events using the eFinal 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
706	Measurement of the transverse momentum and [Formula: see text] distributions of Drell-Yan lepton pairs in proton-proton collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 291	4.2	63
705	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to $WW \rightarrow e\bar{e}$ with the ATLAS detector at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
704	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
703	A search for top squarks with R-parity-violating decays to all-hadronic final states with the ATLAS detector in ($\sqrt{s}=8$) TeV proton-proton collisions. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
702	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
701	A search for an excited muon decaying to a muon and two jets in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>New Journal of Physics</i> , 2016 , 18, 073021	2.9	1
700	Beam-induced and cosmic-ray backgrounds observed in the ATLAS detector during the LHC 2012 proton-proton running period. <i>Journal of Instrumentation</i> , 2016 , 11, P05013-P05013	1	8
699	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
698	Measurement of the differential cross-sections of prompt and non-prompt production of [Formula: see text] and [Formula: see text] in collisions at [Formula: see text] and 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 283	4.2	42

697	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
696	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
695	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 \square <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	13
694	Measurement of the angular coefficients in Z-boson events using electron and muon pairs from data taken at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	20
693	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
692	Dark matter interpretations of ATLAS searches for the electroweak production of supersymmetric particles in $(\sqrt{s}=8)$ TeV proton-proton collisions. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	16
691	Search for the Standard Model Higgs boson decaying into $(\overline{b}b)$ produced in association with top quarks decaying hadronically in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	16
690	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
689	Search for squarks and gluinos in final states with jets and missing transverse momentum at [Formula: see text] =13 [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 392	4.2	53
688	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
687	A search for prompt lepton-jets in pp collisions at $(\sqrt{\text{TeV}}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	22
686	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
685	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
684	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
683	Search for the production of single vector-like and excited quarks in the Wt final state in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	14
682	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
681	Identification of boosted, hadronically decaying bosons and comparisons with ATLAS data taken at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2016 , 76, 154	4.2	44
680	Search for new phenomena in events with at least three photons collected in collisions at [Formula: see text] = 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 210	4.2	53

679	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
678	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
677	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
676	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
675	Search for anomalous couplings in the W tb vertex from the measurement of double differential angular decay rates of single top quarks produced in the t-channel with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1-46	5.4	12
674	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
673	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
672	Measurements of fiducial cross-sections for [Formula: see text] production with one or two additional -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
671	Study of the [Formula: see text] and [Formula: see text] decays with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 4	4.2	13
670	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
669	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
668	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at ($\sqrt{s}=8, \text{ TeV}$) with the ATLAS detector 2016 , 76, 1		1
667	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
666	Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in ($\sqrt{s}=8$) TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
665	Accelerating Science Impact through Big Data Workflow Management and Supercomputing. <i>EPJ Web of Conferences</i> , 2016 , 108, 01003	0.3	
664	PanDA: Exascale Federation of Resources for the ATLAS Experiment at the LHC. <i>EPJ Web of Conferences</i> , 2016 , 108, 01001	0.3	2
663	Measurement of event-shape observables in [Formula: see text] events in collisions at [Formula: see text] [Formula: see text] with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2016 , 76, 375	4.2	5
662	Charged-particle distributions in interactions at [Formula: see text] measured with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 403	4.2	19

661	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
660	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
659	Search for minimal supersymmetric standard model Higgs Bosons \tilde{H} and for a [Formula: see text] boson in the [Formula: see text] final state produced in collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 585	4.2	28
658	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
657	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
656	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
655	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
654	Search for the Higgs boson produced in association with a boson and decaying to four b -quarks via two spin-zero particles in collisions at 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 605	4.2	16
653	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
652	Test of CP invariance in vector-boson fusion production of the Higgs boson using the method in the ditau decay channel with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 658	4.2	26
651	Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at [Formula: see text] = 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 565	4.2	20
650	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
649	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
648	Search for flavour-changing neutral current top-quark decays to [Formula: see text] in [Formula: see text] collision data collected with the ATLAS detector at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2016 , 76, 12	4.2	16
647	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in collision data at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 87	4.2	18
646	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
645	Search for charged Higgs bosons in the $H^\pm \rightarrow tb$ 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
644	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

643	Search for supersymmetry in a final state containing two photons and missing transverse momentum in [Formula: see text] $\sqrt{s} = 13$ TeV [Formula: see text] collisions at the LHC using the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 517	4.2	17
642	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
641	Search for single production of vector-like quarks decaying into in collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016 , 76, 442	4.2	24
640	Measurement of the relative width difference of the (B^0 system) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	5
639	Next Generation Workload Management System For Big Data on Heterogeneous Distributed Computing. <i>Journal of Physics: Conference Series</i> , 2015 , 608, 012040	0.3	16
638	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
637	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
636	Search for resonant diboson production in the [Formula: see text] final state in [Formula: see text] collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 69	4.2	62
635	Measurements of the [Formula: see text] production cross sections in association with jets with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 82	4.2	54
634	Search for dark matter in events with heavy quarks and missing transverse momentum in [Formula: see text] collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 92	4.2	60
633	Measurement of the (t) production cross-section as a function of jet multiplicity and jet transverse momentum in 7 TeV proton-proton collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	14
632	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
631	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
630	Search for the (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
629	Measurement of the inclusive jet cross-section in proton-proton collisions at ($\sqrt{s} = 7$) TeV using 4.5 fb of data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	27
628	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
627	Search for charged Higgs bosons decaying via $H \rightarrow b\bar{b}$ 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
626	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

625	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
624	Search for Higgs boson pair production in the [Formula: see text] final state from collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 412	4.2	66
623	Determination of spin and parity of the Higgs boson in the [Formula: see text] decay channel with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 231	4.2	15
622	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
621	Search for a new resonance decaying to a or boson and a Higgs boson in the [Formula: see text] final states with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 263	4.2	46
620	Measurement of three-jet production cross-sections in [Formula: see text] collisions at 7 [Formula: see text] centre-of-mass energy using the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 228	4.2	18
619	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
618	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
617	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
616	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
615	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
614	Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in [Formula: see text] TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 318	4.2	44
613	Search for heavy long-lived multi-charged particles in collisions at [Formula: see text] TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 362	4.2	22
612	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
611	Measurement of the top quark mass in the [Formula: see text] and [Formula: see text] channels using [Formula: see text] [Formula: see text] ATLAS data. <i>European Physical Journal C</i> , 2015 , 75, 330	4.2	32
610	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
609	Integration of Russian Tier-1 Grid Center with High Performance Computers at NRC-KI for LHC experiments and beyond HENP. <i>Journal of Physics: Conference Series</i> , 2015 , 664, 092018	0.3	2
608	Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	2

607	A search for high-mass resonances decaying to $\mu\mu$ 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
606	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
605	Search for lepton-flavour-violating $H \rightarrow \tau\tau$ decays of the Higgs boson with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	46
604	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
603	Workload Management Portal for High Energy Physics Applications and Compute Intensive Science. <i>Procedia Computer Science</i> , 2015 , 66, 564-573	1.6	
602	Big Data Processing in the ATLAS Experiment: Use Cases and Experience. <i>Procedia Computer Science</i> , 2015 , 66, 609-618	1.6	
601	PanDA: Evolution and Recent Trends in LHC Computing. <i>Procedia Computer Science</i> , 2015 , 66, 439-447	1.6	3
600	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
599	Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at ($\sqrt{s}=7$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	18
598	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
597	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
596	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
595	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
594	Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at ($\sqrt{s}=7$) TeV in the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	31
593	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
592	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
591	Search for new phenomena in events with three or more charged leptons in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	16
590	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

589	Determination of the top-quark pole mass using $(\overline{t}) + 1$ -jet events collected with the ATLAS experiment in 7 TeV pp collisions. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	15
588	Measurement of the $(\overline{t}W)$ and $(\overline{t}Z)$ production cross sections in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	16
587	Search for flavour-changing neutral current top quark decays $t \rightarrow Hq$ in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1-65	5.4	18
586	Integrating network and transfer metrics to optimize transfer efficiency and experiment workflows. <i>Journal of Physics: Conference Series</i> , 2015 , 664, 052003	0.3	7
585	The ATLAS Event Service: A new approach to event processing. <i>Journal of Physics: Conference Series</i> , 2015 , 664, 062065	0.3	8
584	Fine grained event processing on HPCs with the ATLAS Yoda system. <i>Journal of Physics: Conference Series</i> , 2015 , 664, 092025	0.3	4
583	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
582	Integration of PanDA workload management system with Titan supercomputer at OLCF. <i>Journal of Physics: Conference Series</i> , 2015 , 664, 092020	0.3	2
581	Scaling up ATLAS production system for the LHC Run 2 and beyond: project ProdSys2. <i>Journal of Physics: Conference Series</i> , 2015 , 664, 062005	0.3	12
580	gLExec Integration with the ATLAS PanDA Workload Management System. <i>Journal of Physics: Conference Series</i> , 2015 , 664, 062022	0.3	
579	The future of PanDA in ATLAS distributed computing. <i>Journal of Physics: Conference Series</i> , 2015 , 664, 062035	0.3	11
578	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
577	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
576	Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at $(\sqrt{s}=7)$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	16
575	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
574	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
573	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
572	Study of $(W/Z)H$ production and Higgs boson couplings using $H \rightarrow W W^*$ decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	14

571	Search for metastable heavy charged particles with large ionisation energy loss in collisions at [Formula: see text] TeV using the ATLAS experiment. <i>European Physical Journal C</i> , 2015 , 75, 407	4.2	18
570	Multilevel Workflow System in the ATLAS Experiment. <i>Journal of Physics: Conference Series</i> , 2015 , 608, 012015	0.3	4
569	Measurement of the production and lepton charge asymmetry of [Formula: see text] bosons in Pb+Pb collisions at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2015 , 75, 23	4.2	31
568	Search for production of (WW/WZ) resonances decaying to a lepton, neutrino and jets in (pp) collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector 2015 , 75, 1		1
567	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at ($\sqrt{s}=8$) TeV with the ATLAS detector 2015 , 75, 1		2
566	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector 2015 , 75, 1		3
565	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider 2015 , 75, 1		3
564	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
563	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
562	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
561	The differential production cross section of the [Formula: see text](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
560	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
559	Measurement of the underlying event in jet events from 7 (text {TeV}) proton-proton collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	18
558	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 2982	4.2	18
557	Light-quark and gluon jet discrimination in [Formula: see text] collisions at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3023	4.2	46
556	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
555	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
554	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

553	Measurement of dijet cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	17
552	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
551	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
550	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
549	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
548	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
547	Measurement of χ_1 and χ_2 production with (\sqrt{s}) = 7 TeV pp collisions at ATLAS. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	26
546	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
545	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
544	Search for direct top squark pair production in events with a [Formula: see text] boson, [Formula: see text]-jets and missing transverse momentum in [Formula: see text] TeV [Formula: see text] collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 2883	4-2	41
543	Task Management in the New ATLAS Production System. <i>Journal of Physics: Conference Series</i> , 2014 , 513, 032078	0-3	7
542	Next Generation PanDA Pilot for ATLAS and Other Experiments. <i>Journal of Physics: Conference Series</i> , 2014 , 513, 032071	0-3	8
541	Evolution of the ATLAS PanDA workload management system for exascale computational science. <i>Journal of Physics: Conference Series</i> , 2014 , 513, 032062	0-3	19
540	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
539	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
538	Measurements of jet vetoes and azimuthal decorrelations in dijet events produced in [Formula: see text] collisions at [Formula: see text] using the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3117	4-2	17
537	A measurement of the ratio of the production cross sections for [Formula: see text] and [Formula: see text] bosons in association with jets with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3168	4-2	16
536	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

535	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb ⁻¹ of (\sqrt{s}) = 8 TeV proton-proton collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	9
534	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
533	Measurement of the [σ] production cross-section using [σ] events with [σ]-tagged jets in [σ] collisions at [σ] and 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3109	4.2	107
532	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
531	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at [σ] TeV in 2010. <i>European Physical Journal C</i> , 2014 , 74, 3034	4.2	45
530	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
529	Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton collisions at [σ] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3134	4.2	31
528	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at [σ] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3157	4.2	52
527	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in [σ] collisions at [σ] TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014 , 74, 3195	4.2	21
526	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
525	Measurement of the production cross-section of $\tau\tau \rightarrow J/\psi + \tau\tau$ in pp collisions at (\sqrt{s}) = 7 TeV at ATLAS. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
524	Measurement of the Z/ τ 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
523	Search for strong production of supersymmetric particles in final states with missing transverse momentum and at least three b-jets at (\sqrt{s}) = 8 TeV proton-proton collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	31
522	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
521	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
520	Search for pair and single production of new heavy quarks that decay to a Z boson and a third-generation quark in pp collisions at (\sqrt{s}) = 8 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	29
519	Measurement of the (σ) production cross-section using (σ) events with (b)-tagged jets in (pp) collisions at (\sqrt{s}) = 7 and 8 TeV with the ATLAS detector 2014 , 74, 1		2
518	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

517	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
516	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
515	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
514	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
513	Search for charged Higgs bosons through the violation of lepton universality in (\overline{t}) events using pp collision data at ($\sqrt{s}=7$) TeV with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	14
512	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
511	Measurement of splitting scales in \rightarrow events at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 2432	4-2	8
510	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
509	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
508	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
507	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
506	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
505	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
504	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
503	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
502	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
501	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
500	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

499	Measurement of the top quark charge in pp collisions at ($\sqrt{s}=7$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	15
498	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
497	Measurement of isolated-photon pair production in pp collisions at ($\sqrt{s}=7$;TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	44
496	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
495	Search for direct chargino production in anomaly-mediated supersymmetry breaking models based on a disappearing-track signature in pp collisions at ($\sqrt{s}=7$;mathrm{TeV}) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	15
494	Measurements of top quark pair relative differential cross-sections with ATLAS in pp collisions at ($\sqrt{s} = 7$ mbox{TeV}). <i>European Physical Journal C</i> , 2013 , 73, 1	4-2	55
493	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at ($\sqrt{s} = 7$ mbox{TeV}). <i>European Physical Journal C</i> , 2013 , 73, 1	4-2	44
492	Measurement of the flavour composition of dijet events in pp collisions at ($\sqrt{s}=7$ mbox{TeV}) with the ATLAS detector. <i>European Physical Journal C</i> , 2013 , 73, 1	4-2	12
491	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
490	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
489	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
488	Search for WH production with a light Higgs boson decaying to prompt electron-jets in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>New Journal of Physics</i> , 2013 , 15, 043009	2-9	15
487	Mechanical construction and installation of the ATLAS tile calorimeter. <i>Journal of Instrumentation</i> , 2013 , 8, T11001-T11001	1	3
486	The optical instrumentation of the ATLAS Tile Calorimeter. <i>Journal of Instrumentation</i> , 2013 , 8, P01005-P01005 ₂		
485	Search for Higgs bosons decaying to $\tau\tau$ pairs in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 323-329	4-2	12
484	Search for anomalous Wtb couplings in single top quark production in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 21-26	4-2	22
483	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
482	Measurement of the polarisation of W bosons produced with large transverse momentum in pp collisions at ($\sqrt{s} = 7$ mbox{TeV}) with the ATLAS experiment. <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	31

481	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
480	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
479	Measurement of the top quark mass with the template method in the [Formula: see text] channel using ATLAS data. <i>European Physical Journal C</i> , 2012 , 72, 2046	4.2	42
478	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
477	Measurement of polarization in \rightarrow decays with the ATLAS detector in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2062	4.2	17
476	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
475	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
474	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
473	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in 4.7 fb of $(\sqrt{s} = 7, \text{TeV})$ proton-proton collisions. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	48
472	A search for (\overline{t}) resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $(\sqrt{s} = 7) \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	39
471	Search for the Standard Model Higgs boson in the $H \rightarrow \tau\tau$ decay mode in $(\sqrt{s} = 7, \text{TeV})$ pp collisions with ATLAS. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	37
470	A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at $(\sqrt{s}=7; \text{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	31
469	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $(\sqrt{s}=7) \text{ TeV}$ with ATLAS. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	11
468	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
467	Search for high-mass resonances decaying to dilepton final states 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	49
466	Search for anomalous production of prompt like-sign lepton pairs at $(\sqrt{s}=7; \text{TeV})$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	16
465	Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $(\sqrt{s}=7; \text{TeV})$ pp collisions at the LHC. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	45
464	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

463	Measurement of the relative branching ratio of $B_s^0 \rightarrow J/\psi(980)$ to $B_s^0 \rightarrow J/\psi$. <i>Physical Review D</i> , 2012 , 85,	4.9	29
462	Model independent search for new phenomena in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	5
461	$Z\bar{\nu}\nu$ production and limits on anomalous $ZZ\bar{\nu}\nu$ and $Z\nu\nu$ couplings in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	19
460	Exploiting Virtualization and Cloud Computing in ATLAS. <i>Journal of Physics: Conference Series</i> , 2012 , 396, 032011	0.3	3
459	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
458	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	70
457	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	13
456	Measurement of $[W \rightarrow \text{lepton}]$ production with a veto on additional central jet activity in collisions at $[7 \text{ TeV}]$ using the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 2043	4.2	82
455	A search for $[W \rightarrow \text{lepton}]$ resonances with the ATLAS detector in 2.05 fb of proton-proton collisions at $[7 \text{ TeV}]$. <i>European Physical Journal C</i> , 2012 , 72, 2083	4.2	14
454	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
453	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
452	Measurement of $W \rightarrow \text{lepton} Z$ production in proton-proton collisions at $(\sqrt{s}=7 \text{ TeV})$ with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	54
451	Search for top and bottom squarks from gluino pair production in final states with missing transverse energy and at least three b-jets with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	24
450	Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at $(\sqrt{s}=7 \text{ TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	18
449	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 7 TeV proton-proton collision data with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	11
448	Search for light scalar top-quark pair production in final states with two leptons with the ATLAS detector in $(\sqrt{s}=7 \text{ TeV})$ proton-proton collisions. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	31
447	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
446	Search for doubly charged Higgs bosons in like-sign dilepton final states at $(\sqrt{s} = 7 \text{ TeV})$ with the ATLAS detector. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	104

445	Measurements of WW and WZ production in W + jets final states in pp collisions. <i>Physical Review Letters</i> , 2012 , 108, 181803	7.4	17
444	Performance of missing transverse momentum reconstruction in proton-proton collisions at ($\sqrt{s} = 7$ TeV) with ATLAS. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	217
443	Performance of the ATLAS Trigger System in 2010. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	232
442	Search for same-sign top-quark production and fourth-generation down-type quarks in pp collisions at ($\sqrt{s} = 7$ TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	34
441	Search for charged Higgs bosons decaying via $H^\pm \rightarrow \bar{\nu} n$ ($\overline{\nu} t$) 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
440	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
439	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
438	Search for doubly charged Higgs boson pair production in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 021801	7.4	24
437	Evidence for spin correlation in $t \bar{t}$ production. <i>Physical Review Letters</i> , 2012 , 108, 032004	7.4	48
436	Search for a narrow $t\bar{t}$ resonance in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	28
435	Search for charged massive long-lived particles. <i>Physical Review Letters</i> , 2012 , 108, 121802	7.4	16
434	Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	47
433	Measurement of the CP-violating phase $\arg(\lambda_{cb})$ using the flavor-tagged decay $B_s^0 \rightarrow J/\psi$ in 8 fb ⁻¹ of pp collisions. <i>Physical Review D</i> , 2012 , 85,	4.9	70
432	A Probabilistic Analysis of Data Popularity in ATLAS Data Caching. <i>Journal of Physics: Conference Series</i> , 2012 , 396, 032106	0.3	3
431	Evolution of the ATLAS PanDA Production and Distributed Analysis System. <i>Journal of Physics: Conference Series</i> , 2012 , 396, 032071	0.3	9
430	Recent Improvements in the ATLAS PanDA Pilot. <i>Journal of Physics: Conference Series</i> , 2012 , 396, 032080	0.3	3
429	PD2P: PanDA Dynamic Data Placement for ATLAS. <i>Journal of Physics: Conference Series</i> , 2012 , 396, 032070	0.3	4
428	ATLAS Distributed Computing Operations Shift Team Experience. <i>Journal of Physics: Conference Series</i> , 2011 , 331, 072045	0.3	

427	The ATLAS PanDA Pilot in Operation. <i>Journal of Physics: Conference Series</i> , 2011 , 331, 062040	0.3	8
426	Overview of ATLAS PanDA Workload Management. <i>Journal of Physics: Conference Series</i> , 2011 , 331, 072024	0.3	34
425	A layer correlation technique for pion energy calibration at the 2004 ATLAS Combined Beam Test. <i>Journal of Instrumentation</i> , 2011 , 6, P06001-P06001	1	
424	Photon reconstruction in the ATLAS Inner Detector and Liquid Argon Barrel Calorimeter at the 2004 Combined Test Beam. <i>Journal of Instrumentation</i> , 2011 , 6, P04001-P04001	1	1
423	Measurement of spin correlation in Λ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 702, 16-23	4.2	32
422	Determination of the pole and Λ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 703, 422-427	4.2	52
421	Measurement of the Λ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 403-410	4.2	47
420	Measurement of three-jet differential cross sections $d\mathcal{B}_{\text{jet}}/dM_{3\text{jet}}$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 434-441	4.2	13
419	Measurements of inclusive Λ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 705, 200-207	4.2	20
418	High mass exclusive diffractive dijet production in pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 705, 193-199	4.2	7
417	Model-independent measurement of t-channel single top quark production in pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 705, 313-319	4.2	40
416	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
415	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
414	Studies of the performance of the ATLAS detector using cosmic-ray muons. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	16
413	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
412	Measurements of underlying-event properties using neutral and charged particles in pp collisions at $(\sqrt{s}=900)$ GeV and $(\sqrt{s}=7)$ TeV with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	30
411	Search for an excess of events with an identical flavour lepton pair and significant missing transverse momentum in $(\sqrt{s}=7)$ TeV proton-proton collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	18
410	Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $(\sqrt{s}=7\sim m_{\text{box}}\{\text{TeV}\})$ proton-proton collisions with the ATLAS experiment. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	41

409	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
408	Search for diphoton events with large missing transverse energy with 36 pb ⁻¹ of 7 TeV proton-proton collision data with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	15
407	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
406	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
405	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
404	Search for massive colored scalars in four-jet final states in ($\sqrt{s} = 7$ TeV) proton-proton collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	37
403	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
402	Measurement of W and Z production in proton-proton collisions at ($\sqrt{s} = 7$) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	11
401	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
400	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
399	Measurements of single top quark production cross sections and $ V_{tb} $ in pp collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	28
398	Measurement of the W boson helicity in top quark decays using 5.4 fb ⁻¹ of pp collision data. <i>Physical Review D</i> , 2011 , 83,	4.9	33
397	Measurement of $\sin 2\theta_{\text{eff}}$ and Z-light quark couplings using the forward-backward charge asymmetry in pp collisions $Z/\gamma \rightarrow e^+e^-$ events with $L = 5.0$ fb ⁻¹ at $s = 1.96$ TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	21
396	Precise measurement of the top-quark mass from lepton+jets events at D0. <i>Physical Review D</i> , 2011 , 84,	4.9	32
395	Measurement of the ZZ production cross section in pp collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	12
394	Search for first generation leptoquark pair production in the electron + missing energy + jets final state. <i>Physical Review D</i> , 2011 , 84,	4.9	14
393	Measurement of the anomalous like-sign dimuon charge asymmetry with 9 fb ⁻¹ of pp collisions. <i>Physical Review D</i> , 2011 , 84,	4.9	88
392	Direct measurement of the mass difference between top and antitop quarks. <i>Physical Review D</i> , 2011 , 84,	4.9	25

391	Measurement of the $WZ \rightarrow \mu\mu$ cross section and limits on anomalous triple gauge couplings in pp collisions at $s=1.96\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 695, 67-73	4.2	20
390	Search for a heavy neutral gauge boson in the dielectron channel with 5.4fb^{-1} of pp collisions at $s=1.96\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 695, 88-94	4.2	52
389	Search for pair production of the scalar top quark in the electron + muon final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 696, 321-327	4.2	18
388	Search for WH associated production in 5.3fb^{-1} of pp collisions at the Fermilab Tevatron. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 6-13	4.2	16
387	Search for neutral Higgs bosons in the multi-b-jet topology in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 97-104	4.2	29
386	Search for $W \rightarrow tb$ resonances with left- and right-handed couplings to fermions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 699, 145-150	4.2	42
385	Search for flavor changing neutral currents in decays of top quarks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 701, 313-320	4.2	29
384	Bounds on an anomalous dijet resonance in W +jets production in pp collisions at $\sqrt{s}=1.96\text{TeV}$. <i>Physical Review Letters</i> , 2011 , 107, 011804	7.4	54
383	Search for the standard model Higgs boson in the $H \rightarrow WW \rightarrow l\bar{l}'q$ decay channel. <i>Physical Review Letters</i> , 2011 , 106, 171802	7.4	8
382	Search for a fourth generation t' Quark in $p-p$ collisions at $\sqrt{s}=1.96\text{TeV}$. <i>Physical Review Letters</i> , 2011 , 107, 082001	7.4	24
381	Measurement of the ratio of inclusive cross sections $\sigma(pp \rightarrow Z+b\bar{q}\text{jet})/\sigma(pp \rightarrow Z+\text{jet})$ at $s=1.96\text{TeV}$. <i>Physical Review D</i> , 2011 , 83,	4.9	13
380	Measurement of the top quark pair production cross section in the lepton+jets channel in proton-antiproton collisions at $s=1.96\text{TeV}$. <i>Physical Review D</i> , 2011 , 84,	4.9	45
379	Azimuthal decorrelations and multiple parton interactions in ≥ 2 jet and ≥ 3 jet events in pp collisions at $s=1.96\text{TeV}$. <i>Physical Review D</i> , 2011 , 83,	4.9	22
378	Measurement of color flow in $t\bar{t}$ events from pp collisions at $s=1.96\text{TeV}$. <i>Physical Review D</i> , 2011 , 83,	4.9	14
377	Search for associated Higgs boson production using like charge dilepton events in pp collisions at $s=1.96\text{TeV}$. <i>Physical Review D</i> , 2011 , 84,	4.9	9
376	Measurement of the production fraction times branching fraction $f(b \rightarrow \bar{b})B(\bar{b} \rightarrow J/\psi)$ <i>Physical Review D</i> , 2011 , 84,	4.9	15
375	Forward-backward asymmetry in top quark-antiquark production. <i>Physical Review D</i> , 2011 , 84,	4.9	170
374	Precise measurement of the top quark mass in the dilepton channel at D0. <i>Physical Review Letters</i> , 2011 , 107, 082004	7.4	17

373	Determination of the width of the top quark. <i>Physical Review Letters</i> , 2011 , 106, 022001	7.4	30
372	Measurement of spin correlation in tt production using a matrix element approach. <i>Physical Review Letters</i> , 2011 , 107, 032001	7.4	31
371	Precise study of the Z/ γ boson transverse momentum distribution in pp collisions using a novel technique. <i>Physical Review Letters</i> , 2011 , 106, 122001	7.4	43
370	Search for neutral minimal supersymmetric standard model Higgs bosons decaying to tau pairs produced in association with b quarks in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 121801	7.4	10
369	Search for Resonant WW and WZ Production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 011801	7.4	18
368	Precision measurement of the ratio $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ and extraction of V_{tb} . <i>Physical Review Letters</i> , 2011 , 107, 121802	7.4	33
367	Search for a fermiophobic and standard model Higgs boson in diphoton final states. <i>Physical Review Letters</i> , 2011 , 107, 151801	7.4	15
366	Search for single vectorlike quarks in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 081801	7.4	16
365	WW production and limits on anomalous WW couplings in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 241803	7.4	18
364	Search for a resonance decaying into WZ boson pairs in pp collisions. <i>Physical Review Letters</i> , 2010 , 104, 061801	7.4	16
363	Search for diphoton events with large missing transverse energy in 6.3 fb ⁻¹ of pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 221802	7.4	23
362	Search for new fermions ("quirks") at the Fermilab Tevatron collider. <i>Physical Review Letters</i> , 2010 , 105, 211803	7.4	8
361	Double parton interactions in ≥ 3 jet events in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2010 , 81,	4.9	119
360	Search for events with leptonic jets and missing transverse energy in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 211802	7.4	18
359	Search for the associated production of a b quark and a neutral supersymmetric Higgs boson that decays into tau pairs. <i>Physical Review Letters</i> , 2010 , 104, 151801	7.4	10
358	Evidence for an anomalous like-sign dimuon charge asymmetry. <i>Physical Review Letters</i> , 2010 , 105, 081801	7.4	89
357	Evidence for an anomalous like-sign dimuon charge asymmetry. <i>Physical Review D</i> , 2010 , 82,	4.9	123
356	Search for the standard model higgs Boson in the ZH \rightarrow bb channel in 5.2 fb ⁻¹ of pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 104, 071801	7.4	15

355	Search for Higgs boson production in dilepton and missing energy final states with 5.4 fb ⁻¹ of pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 104, 061804	7.4	31
354	Search for sneutrino production in e ⁺ e ⁻ final states in 5.3 fb ⁻¹ of pp collisions at square root s = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 105, 191802	7.4	17
353	Search for ZH → l ⁺ l ⁻ bb production in 4.2 fb ⁻¹ of pp collisions at sqrt[s] = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 105, 251801	7.4	14
352	Search for Randall-Sundrum gravitons in the dielectron and diphoton final states with 5.4 fb ⁻¹ of data from pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 104, 241802	7.4	32
351	Combination of Tevatron searches for the standard model Higgs boson in the W+W ⁻ decay mode. <i>Physical Review Letters</i> , 2010 , 104, 061802	7.4	104
350	Search for CP violation in Bs ⁰ → Ds [±] decays in pp collisions at s = 1.96 TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	26
349	Measurement of tt [±] production in the 0-jets topology using pp collisions at s = 1.96 TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	13
348	Combined Tevatron upper limit on gg → H → W+W ⁻ and constraints on the Higgs boson mass in fourth-generation fermion models. <i>Physical Review D</i> , 2010 , 82,	4.9	31
347	Measurement of the tt [±] cross section using high-multiplicity jet events. <i>Physical Review D</i> , 2010 , 82,	4.9	11
346	Construction and commissioning of the CALICE analog hadron calorimeter prototype. <i>Journal of Instrumentation</i> , 2010 , 5, P05004-P05004	1	34
345	Experience with ATLAS MySQL PanDA database service. <i>Journal of Physics: Conference Series</i> , 2010 , 219, 042059	0.3	
344	Combined performance studies for electrons at the 2004 ATLAS combined test-beam. <i>Journal of Instrumentation</i> , 2010 , 5, P11006-P11006	1	9
343	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. <i>European Physical Journal C</i> , 2010 , 70, 723-753	4.2	41
342	The ATLAS Inner Detector commissioning and calibration. <i>European Physical Journal C</i> , 2010 , 70, 787-821	4.2	70
341	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. <i>European Physical Journal C</i> , 2010 , 70, 755-785	4.2	12
340	Commissioning of the ATLAS Muon Spectrometer with cosmic rays. <i>European Physical Journal C</i> , 2010 , 70, 875-916	4.2	14
339	The ATLAS Simulation Infrastructure. <i>European Physical Journal C</i> , 2010 , 70, 823-874	4.2	817
338	Readiness of the ATLAS Tile Calorimeter for LHC collisions. <i>European Physical Journal C</i> , 2010 , 70, 1193-1236	4.2	82

337	Performance of the ATLAS detector using first collision data. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5-4	14
336	Measurement of the $W \rightarrow \tau\nu$ and $Z/\tau^* \rightarrow \tau\nu$ 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
335	Measurement of $Z/\tau^* + \text{jet} + X$ angular distributions in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 682, 370-380	4-2	27
334	Measurement of the t-channel single top quark production cross section. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 682, 363-369	4-2	36
333	Search for single top quarks in the tau + jets channel using 4.8 fb of pp collision data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 690, 5-14	4-2	11
332	Measurement of direct photon pair production cross sections in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 690, 108-117	4-2	33
331	Search for flavor changing neutral currents via quark-gluon couplings in single top quark production using 2.3 fb of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 81-87	4-2	45
330	Search for scalar bottom quarks and third-generation leptoquarks in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 95-101	4-2	39
329	Dependence of the $t\bar{t}$ production cross section on the transverse momentum of the top quark. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 515-521	4-2	31
328	Measurement of the normalized . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 522-530	4-2	38
327	Measurement of the dijet invariant mass cross section in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 531-538	4-2	24
326	Search for the rare decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 539-544	4-2	60
325	Measurement of pion and proton response and longitudinal shower profiles up to 20 nuclear interaction lengths with the ATLAS Tile calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 615, 158-181	1-2	35
324	b-Jet identification in the D0 experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 620, 490-517	1-2	87
323	Study of energy response and resolution of the ATLAS barrel calorimeter to hadrons of energies from 20 to 350 GeV. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 621, 134-150	1-2	32
322			
321	Direct measurement of the mass difference between top and antitop quarks. <i>Physical Review Letters</i> , 2009 , 103, 132001	7-4	10
320	Measurement of the angular and lifetime parameters of the decays $B_d^0 \rightarrow J/\psi K^0$ and $B_s^0 \rightarrow J/\psi \phi$. <i>Physical Review Letters</i> , 2009 , 102, 032001	7-4	11

319	Search for large extra spatial dimensions in the dielectron and diphoton channels in pp[over] collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , 2009 , 102, 051601	7.4	28
318	Measurement of dijet angular distributions at square root(s) = 1.96 TeV and searches for quark compositeness and extra spatial dimensions. <i>Physical Review Letters</i> , 2009 , 103, 191803	7.4	68
317	Search for long-lived charged massive particles with the D0 detector. <i>Physical Review Letters</i> , 2009 , 102, 161802	7.4	46
316	Direct measurement of the W boson width. <i>Physical Review Letters</i> , 2009 , 103, 231802	7.4	9
315	Measurement of trilinear gauge boson couplings from WW+WZ->l[bar]l events in pp[over] collisions at s=1.96 TeV. <i>Physical Review D</i> , 2009 , 80,	4.9	12
314	Measurement of the WW production cross section with dilepton final states in pp collisions at square root(s) = 1.96 TeV and limits on anomalous trilinear gauge couplings. <i>Physical Review Letters</i> , 2009 , 103, 191801	7.4	32
313	Measurement of the lifetime of the Bc+/- meson in the semileptonic decay channel. <i>Physical Review Letters</i> , 2009 , 102, 092001	7.4	42
312	Search for resonant pair production of neutral long-lived particles decaying to bb in pp collisions at square root(S)=1.96 TeV. <i>Physical Review Letters</i> , 2009 , 103, 071801	7.4	40
311	Evidence for the decay Bs0-->Ds(*)Ds(*) and a measurement of DeltaGammasCP/Gammas. <i>Physical Review Letters</i> , 2009 , 102, 091801	7.4	11
310	Measurement of the Zgamma --> nunu[over]gamma production cross section and limits on anomalous ZZgamma and Zgammagamma couplings in pp[over] collisions at sqrt[s] = 1.96 TeV. <i>Physical Review Letters</i> , 2009 , 102, 201802	7.4	17
309	Search for associated W and Higgs Boson production in pp[over] collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , 2009 , 102, 051803	7.4	18
308	Search for charged higgs bosons decaying into top and bottom quarks in pp[over] collisions. <i>Physical Review Letters</i> , 2009 , 102, 191802	7.4	28
307	Measurement of the W boson mass. <i>Physical Review Letters</i> , 2009 , 103, 141801	7.4	35
306	Search for dark photons from supersymmetric hidden valleys. <i>Physical Review Letters</i> , 2009 , 103, 081802	7.4	25
305	Search for the standard model Higgs boson in tau final states. <i>Physical Review Letters</i> , 2009 , 102, 251801	7.4	14
304	Measurement of gamma+b+X and gamma+c+X Production Cross Sections in pp[over] Collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , 2009 , 102, 192002	7.4	37
303	Search for resonant diphoton production with the D0 detector. <i>Physical Review Letters</i> , 2009 , 102, 231801	7.4	29
302	Search for next-to-minimal supersymmetric Higgs bosons in the h --> aa --> micromicromicro, micromicrotau channels using pp[over] collisions at sqrt[s] = 1.96 TeV. <i>Physical Review Letters</i> , 2009 , 103, 061801	7.4	52

301	Search for neutral Higgs Bosons at high $\tan\beta$ in the $b(h/H/A)\rightarrow b\tau; \tau; \tau$ channel. <i>Physical Review Letters</i> , 2009 , 102, 051804	7.4	11
300	Observation of single top-quark production. <i>Physical Review Letters</i> , 2009 , 103, 092001	7.4	172
299	Search for anomalous top-quark couplings with the D0 detector. <i>Physical Review Letters</i> , 2009 , 102, 092002	7.4	18
298	Measurement of the semileptonic branching ratio of $B_{s;0}$ to an orbitally excited $D_{s;^{**}}$ state: $Br(B_{s;0}\rightarrow D_{s1;^{*}}(2536)\mu; \tau; \nu X)$. <i>Physical Review Letters</i> , 2009 , 102, 051801	7.4	25
297	Evidence of WW and WZ production with lepton + jets final states in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 161801	7.4	15
296	Testbeam studies of production modules of the ATLAS Tile Calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 606, 362-394	1.2	52
295	Study of the response of the ATLAS central calorimeter to pions of energies from 3 to 9 GeV. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 607, 372-386	1.2	10
294	A novel method for modeling the recoil in W boson events at hadron colliders. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 609, 250-262	1.2	5
293	Measurement of $(pp\rightarrow Z+X)Br(Z\rightarrow \mu\mu)$ at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 670, 292-299	4.2	24
292	Search for a scalar or vector particle decaying into $Z\nu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 671, 349-355	4.2	15
291	Search for pair production of second generation scalar leptoquarks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 671, 224-232	4.2	22
290	Search for admixture of scalar top quarks in the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 674, 4-10	4.2	15
289	Search for the lightest scalar top quark in events with two leptons in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 675, 289-296	4.2	22
288	Measurements of differential cross sections of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 678, 45-54	4.2	28
287	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 679, 177-185	4.2	28
286	Search for squark production in events with jets, hadronically decaying tau leptons and missing transverse energy at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 680, 24-33	4.2	7
285	Search for associated production of charginos and neutralinos in the trilepton final state using 2.3 fb of data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 680, 34-43	4.2	58
284	Search for pair production of first-generation leptoquarks in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 681, 224-232	4.2	20

283	Search for charged Higgs bosons in top quark decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 682, 278-286	4.2	92
282	Determination of the strong coupling constant from the inclusive jet cross section in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2009 , 80,	4.9	43
281	Relative rates of B meson decays into $\Upsilon(2S)$ and J/ψ mesons. <i>Physical Review D</i> , 2009 , 79,	4.9	4
280	Search for charged Higgs bosons in decays of top quarks. <i>Physical Review D</i> , 2009 , 80,	4.9	20
279	Combination of tt cross section measurements and constraints on the mass of the top quark and its decays into charged Higgs bosons. <i>Physical Review D</i> , 2009 , 80,	4.9	51
278	Measurement of the top quark mass in final states with two leptons. <i>Physical Review D</i> , 2009 , 80,	4.9	18
277	Search for excited electrons in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2008 , 77,	4.9	18
276	$ZZ \rightarrow l+l$ production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2008 , 78,	4.9	11
275	Evidence for production of single top quarks. <i>Physical Review D</i> , 2008 , 78,	4.9	69
274	Measurement of the muon charge asymmetry from W boson decays. <i>Physical Review D</i> , 2008 , 77,	4.9	47
273	Simultaneous measurement of the ratio $R=B(t \rightarrow Wb)/B(t \rightarrow Wq)$ and the top-quark pair production cross section with the D0 detector at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 192003	7.4	29
272	Search for the standard model Higgs boson in the missing energy and acoplanar b-jet topology at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 251802	7.4	1
271	Search for third generation scalar leptoquarks decaying into τ_{aub} . <i>Physical Review Letters</i> , 2008 , 101, 241802	7.4	21
270	Search for Higgs bosons decaying to tau pairs in pp over collisions with the D0 detector. <i>Physical Review Letters</i> , 2008 , 101, 071804	7.4	31
269	Measurement of the forward-backward charge asymmetry and extraction of $\sin^2\theta_{\text{Weff}}$ in $pp \rightarrow Z/\gamma^* + X \rightarrow e^+e^- + X$ events produced at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 191801	7.4	27
268	Search for Randall-Sundrum gravitons with 1 fb^{-1} of data from pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 091802	7.4	20
267	Measurement of B_{s0} mixing parameters from the flavor-tagged decay $B_{s0} \rightarrow J/\psi\phi$. <i>Physical Review Letters</i> , 2008 , 101, 241801	7.4	156
266	Observation of the B_c meson in the exclusive decay $B_c \rightarrow J/\psi\pi$. <i>Physical Review Letters</i> , 2008 , 101, 012001	7.4	72

265	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 192004	7.4	31
264	Measurement of the forward-backward charge asymmetry in top-quark pair production. <i>Physical Review Letters</i> , 2008 , 100, 142002	7.4	183
263	Search for scalar neutrino superpartners in $e+\mu$ final states in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 241803	7.4	14
262	First study of the radiation-amplitude zero in $W\gamma$ production and limits on anomalous $WW\gamma$ couplings at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 241805	7.4	30
261	Observation of the doubly strange b baryon Ω_{cb} . <i>Physical Review Letters</i> , 2008 , 101, 232002	7.4	64
260	Measurement of the inclusive jet cross section in pp collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 062001	7.4	148
259	Search for pair production of doubly charged Higgs bosons in the $H^{++}H^{--}\rightarrow\mu^+\mu^+\mu^-\mu^-$ final state. <i>Physical Review Letters</i> , 2008 , 101, 071803	7.4	43
258	Measurement of the electron charge asymmetry in $pp\rightarrow W+X\rightarrow e\nu+X$ events at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 211801	7.4	48
257	Observation and properties of the orbitally excited $B_{(s2)}$ meson. <i>Physical Review Letters</i> , 2008 , 100, 082002	7.4	57
256	Precise measurement of the top-quark mass from lepton + jets events. <i>Physical Review Letters</i> , 2008 , 101, 182001	7.4	23
255	Observation of ZZ production in $p-p$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 171803	7.4	16
254	Measurement of the polarization of the $\psi(1S)$ and $\psi(2S)$ states in pp collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 182004	7.4	48
253	Search for anomalous Wtb couplings in single top quark production. <i>Physical Review Letters</i> , 2008 , 101, 221801	7.4	25
252	Study of direct CP violation in $B^{(\pm)}\rightarrow J/\psi K^{(\pm)}(\pi^{(\pm)})$ decays. <i>Physical Review Letters</i> , 2008 , 100, 211802	7.4	17
251	Measurement of the shape of the boson-transverse momentum distribution in $pp\rightarrow Z/\gamma^*\rightarrow e^+e^-+X$ events produced at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 102002	7.4	83
250	Search for decay of a fermiophobic Higgs boson $h_f\rightarrow\gamma\gamma$ with the D0 detector at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 051801	7.4	15
249	Model-independent measurement of the W-boson helicity in top-quark decays at D0. <i>Physical Review Letters</i> , 2008 , 100, 062004	7.4	33
248	Search for neutral Higgs bosons in multi-b-jet events in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 221802	7.4	15

247	Search for W' bosons decaying to an electron and a neutrino with the D0 detector. <i>Physical Review Letters</i> , 2008 , 100, 031804	7.4	39
246	Search for flavor-changing-neutral-current d meson decays. <i>Physical Review Letters</i> , 2008 , 100, 101801	7.4	17
245	Search for large extra dimensions via single photon plus missing energy final states at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 011601	7.4	43
244	Search for ZZ and $Z\gamma^*$ production in pp collisions at square root $s=1.96$ TeV and limits on anomalous ZZZ and $ZZ\gamma^*$ couplings. <i>Physical Review Letters</i> , 2008 , 100, 131801	7.4	27
243	Search for W' boson resonances decaying to a top quark and a bottom quark. <i>Physical Review Letters</i> , 2008 , 100, 211803	7.4	44
242	Search for long-lived particles decaying into electron or photon pairs with the D0 detector. <i>Physical Review Letters</i> , 2008 , 101, 111802	7.4	18
241	Measurement of the ratios of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 658, 112-119	4.2	28
240	Search for the lightest scalar top quark in events with two leptons in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 659, 500-508	4.2	15
239	Search for supersymmetry in di-photon final states at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 659, 856-863	4.2	29
238	Search for squarks and gluinos in events with jets and missing transverse energy using 2.1 fb of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 660, 449-457	4.2	95
237	A combined search for the standard model Higgs boson at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 663, 26-36	4.2	15
236	Search for scalar top quarks in the acoplanar charm jets and missing transverse energy final state in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 665, 1-8	4.2	49
235	Measurement of the ratio of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 666, 23-30	4.2	25
234	Measurement of the differential cross section for the production of an isolated photon with associated jet in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 666, 435-445	4.2	24
233	Search for tt resonances in the lepton plus jets final state in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 668, 98-104	4.2	37
232	Search for scalar leptoquarks and T-odd quarks in the acoplanar jet topology using of collision data at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 668, 357-363	4.2	19
231	Measurement of differential . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 669, 278-286	4.2	38
230	Measurement of the shape of the boson rapidity distribution for $pp \rightarrow Z/\gamma \rightarrow e+e + X$ events produced at s of 1.96 TeV. <i>Physical Review D</i> , 2007 , 76,	4.9	58

229	Multivariate searches for single top quark production with the D0 detector. <i>Physical Review D</i> , 2007 , 75,	4.9	15
228	Measurement of the W boson helicity in top quark decays at D0. <i>Physical Review D</i> , 2007 , 75,	4.9	17
227	Measurement of the $pp \rightarrow WZ+X$ cross section at $s=1.96$ TeV and limits on WWZ trilinear gauge couplings. <i>Physical Review D</i> , 2007 , 76,	4.9	19
226	Combined D0 measurements constraining the CP-violating phase and width difference in the B_s^0 system. <i>Physical Review D</i> , 2007 , 76,	4.9	27
225	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=1.96$ TeV using kinematic characteristics of lepton+jets events. <i>Physical Review D</i> , 2007 , 76,	4.9	49
224	Search for $B_s^0 \rightarrow \mu\mu$ decays at D0. <i>Physical Review D</i> , 2007 , 76,	4.9	24
223	Search for the pair production of scalar top quarks in the acoplanar charm jet final state in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 645, 119-127	4.2	22
222	Search for single production of scalar leptoquarks in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 647, 74-81	4.2	7
221	Double spin asymmetries . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 647, 98-103	4.2	7
220	$Z\bar{\nu}\nu$ production and limits on anomalous $ZZ\bar{\nu}\nu$ and $Z\bar{\nu}\nu$ couplings in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 653, 378-386	4.2	23
219	Search for a Higgs boson produced in association with a Z boson in pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 655, 209-216	4.2	11
218	Measurement of the top quark mass in the dilepton channel. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 655, 7-14	4.2	14
217	Measurement of the top quark mass in the lepton+jets channel using the ideogram method. <i>Physical Review D</i> , 2007 , 75,	4.9	26
216	Evidence for production of single top quarks and first direct measurement of $ V_{tb} $. <i>Physical Review Letters</i> , 2007 , 98, 181802	7.4	86
215	Properties of L=1 B(1) and B(2)* mesons. <i>Physical Review Letters</i> , 2007 , 99, 172001	7.4	47
214	Search for production of single top quarks via t_{cg} and t_{ug} flavor-changing-neutral-current couplings. <i>Physical Review Letters</i> , 2007 , 99, 191802	7.4	43
213	Measurement of the Λ_{b^0} lifetime using semileptonic decays. <i>Physical Review Letters</i> , 2007 , 99, 182001	7.4	18
212	Search for third-generation scalar leptoquarks in pp at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 99, 061801	7.4	21

211	Measurement of the Lambda b lifetime in the exclusive decay Lambda b --> J/psi Lambda. <i>Physical Review Letters</i> , 2007 , 99, 142001	7.4	21
210	Search for techniparticles in e+jets events at D0. <i>Physical Review Letters</i> , 2007 , 98, 221801	7.4	10
209	Measurement of the tt production cross section in pp collisions using dilepton events. <i>Physical Review D</i> , 2007 , 76,	4.9	26
208	Direct observation of the strange b baryon Xib-. <i>Physical Review Letters</i> , 2007 , 99, 052001	7.4	86
207	Experimental discrimination between charge 2e/3 top quark and charge 4e/3 exotic quark production scenarios. <i>Physical Review Letters</i> , 2007 , 98, 041801	7.4	43
206	Measurement of the charge asymmetry in semileptonic Bs0 decays. <i>Physical Review Letters</i> , 2007 , 98, 151801	7.4	23
205	Search for stopped gluinos from pp collisions at square root s = 1.96 TeV. <i>Physical Review Letters</i> , 2007 , 99, 131801	7.4	35
204	Study of the decay Bs(0)-->Ds(*)Ds(*). <i>Physical Review Letters</i> , 2007 , 99, 241801	7.4	8
203	Lifetime difference and CP-violating phase in the Bs0 system. <i>Physical Review Letters</i> , 2007 , 98, 121801	7.4	50
202	Measurement of the pp-->tt+X production cross section at s=1.96 TeV in the fully hadronic decay channel. <i>Physical Review D</i> , 2007 , 76,	4.9	13
201	Search for pair production of scalar bottom quarks in pp collisions at square root of s = 1.96 TeV. <i>Physical Review Letters</i> , 2006 , 97, 171806	7.4	28
200	Direct limits on the oscillation frequency. <i>Physical Review Letters</i> , 2006 , 97, 021802	7.4	165
199	Search for associated higgs boson production WH-->WWW*-->l+/-nu'l'+/-nu'+X in pp collisions at square root s=1.96 Te V. <i>Physical Review Letters</i> , 2006 , 97, 151804	7.4	13
198	Measurement of the top quark mass in the lepton+jets final state with the matrix element method. <i>Physical Review D</i> , 2006 , 74,	4.9	43
197	Measurement of Bd mixing using opposite-side flavor tagging. <i>Physical Review D</i> , 2006 , 74,	4.9	27
196	Search for the standard model Higgs Boson in the pp[over]-->ZH-->nunu[over]bb[over] channel. <i>Physical Review Letters</i> , 2006 , 97, 161803	7.4	12
195	Search for neutral, long-lived particles decaying into two muons in pp[over] collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , 2006 , 97, 161802	7.4	24
194	Search for neutral Higgs bosons decaying to tau pairs in pp[over] collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , 2006 , 97, 121802	7.4	29

193	Search for the Higgs boson in $H \rightarrow WW(*)$ decays in pp collisions at square root of 1.96 TeV. <i>Physical Review Letters</i> , 2006 , 96, 011801	7.4	19
192	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=1.96$ TeV using secondary vertex b tagging. <i>Physical Review D</i> , 2006 , 74,	4.9	42
191	Search for a heavy resonance decaying into a Z+jet final state in pp collisions at $s=1.96$ TeV using the D0 detector. <i>Physical Review D</i> , 2006 , 74,	4.9	8
190	Limits on anomalous trilinear gauge couplings from $WW \rightarrow e^+e^-$, $WW \rightarrow e\mu$, and $WW \rightarrow \mu\mu$ events from pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2006 , 74,	4.9	8
189	Measurement of the CP-violation parameter of B_0 mixing and decay with pp data. <i>Physical Review D</i> , 2006 , 74,	4.9	40
188	Search for excited muons in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2006 , 73,	4.9	11
187	Search for the rare decay $B_s \rightarrow \tau\mu$ with the D0 detector. <i>Physical Review D</i> , 2006 , 74,	4.9	11
186	Measurement of the $B_s(0)$ lifetime using semileptonic decays. <i>Physical Review Letters</i> , 2006 , 97, 241801	7.4	22
185	The upgraded D detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 565, 463-537	1.2	465
184	First measurement of $\sigma_{\text{had}}^{\text{had}}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 632, 167-172	4.2	13
183	Search for pair production of second generation scalar leptoquarks in pp . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 636, 183-190	4.2	18
182	Measurement of the isolated photon cross section in pp . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 639, 151-158	4.2	64
181	Search for squarks and gluinos in events with jets and missing transverse energy in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 638, 119-127	4.2	35
180	Search for R-parity violating supersymmetry via the $LL\bar{E}\bar{E}$ couplings λ_{21} , λ_{22} or λ_{33} in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 638, 441-449	4.2	19
179	Measurement of $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 639, 616-622	4.2	12
178	Search for scalar leptoquarks in the acoplanar jet topology in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 640, 230-237	4.2	10
177	Search for particles decaying into a Z boson and a photon in pp . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 641, 415-422	4.2	4
176	Search for $\sigma_{\text{had}}^{\text{had}}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 641, 423-431	4.2	26

175	Production of WZ events in pp collisions at square root(s) = 1.96 TeV and limits on anomalous WWZ couplings. <i>Physical Review Letters</i> , 2005 , 95, 141802	7.4	10
174	Search for first-generation scalar leptoquarks in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	20
173	Measurement of the pp → W + X cross section at s=1.96 TeV and WW anomalous coupling limits. <i>Physical Review D</i> , 2005 , 71,	4.9	19
172	Search for right-handed W bosons in top quark decay. <i>Physical Review D</i> , 2005 , 72,	4.9	21
171	Measurement of $\sigma(pp \rightarrow Z) \text{Br}(Z \rightarrow \gamma)$ at s=1.96 TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	20
170	Measurement of the top quark mass in all-jet events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 606, 25-33	4.2	18
169	Helicity of the W boson in lepton+jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 617, 1-10	4.2	46
168	Measurement of the $\sigma(pp \rightarrow Z) \text{Br}(Z \rightarrow \gamma)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 626, 35-44	4.2	30
167	Measurement of the $\sigma(pp \rightarrow Z) \text{Br}(Z \rightarrow \gamma)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 626, 45-54	4.2	28
166	Measurement of the $\sigma(pp \rightarrow Z) \text{Br}(Z \rightarrow \gamma)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 626, 55-64	4.2	18
165	Search for single top quark production in pp collisions at s=1.96 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 622, 265-276	4.2	31
164	Measurement of the Λ_b lifetime in the decay $\Lambda_b \rightarrow J/\psi \Lambda_b$ with the D0 detector. <i>Physical Review Letters</i> , 2005 , 94, 102001	7.4	16
163	Measurement of the lifetime difference in the B0(s) system. <i>Physical Review Letters</i> , 2005 , 95, 171801	7.4	11
162	Measurement of the WW production cross section in pp collisions at square root[s]=1.96 TeV. <i>Physical Review Letters</i> , 2005 , 94, 151801	7.4	27
161	Measurement of dijet azimuthal decorrelations at central rapidities in pp collisions at sqrt s =1.96 TeV. <i>Physical Review Letters</i> , 2005 , 94, 221801	7.4	64
160	Search for supersymmetry via associated production of charginos and neutralinos in final states with three leptons. <i>Physical Review Letters</i> , 2005 , 95, 151805	7.4	20
159	Study of Zgamma events and limits on anomalous ZZgamma and Zgamma gamma couplings in pp collisions at square root s = 1.96 TeV. <i>Physical Review Letters</i> , 2005 , 95, 051802	7.4	15
158	Measurement of the B0s lifetime in the exclusive decay channel B0s → J/psi phi. <i>Physical Review Letters</i> , 2005 , 94, 042001	7.4	15

157	Search for supersymmetry with gauge-mediated breaking in diphoton events at D0. <i>Physical Review Letters</i> , 2005 , 94, 041801	7.4	15
156	Measurement of the ratio of B+ and B0 meson lifetimes. <i>Physical Review Letters</i> , 2005 , 94, 182001	7.4	13
155	Measurement of semileptonic branching fractions of B mesons to narrow D** states. <i>Physical Review Letters</i> , 2005 , 95, 171803	7.4	18
154	Search for Wbb and WH production in pp collisions at square root [s]=1.96 TeV. <i>Physical Review Letters</i> , 2005 , 94, 091802	7.4	22
153	Search for the flavor-changing neutral current decay B0s--> mu(+) mu(-) in pp Collisions at sqrt[s] = 1.96 TeV with the D0 detector. <i>Physical Review Letters</i> , 2005 , 94, 071802	7.4	55
152	Measurement of the ratio of inclusive cross sections sigma(pp --> Z + b jet)/sigma(pp --> Z + jet) at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2005 , 94, 161801	7.4	19
151	Search for neutral supersymmetric Higgs Bosons in multijet events at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , 2005 , 95, 151801	7.4	40
150	Search for anomalous heavy-flavor quark production in association with W bosons. <i>Physical Review Letters</i> , 2005 , 94, 152002	7.4	5
149	Measurement of inclusive differential cross sections for pp collisions at (square root)s = 1.96 TeV. <i>Physical Review Letters</i> , 2005 , 94, 232001	7.4	44
148	Search for large extra spatial dimensions in dimuon production with the d0 detector. <i>Physical Review Letters</i> , 2005 , 95, 161602	7.4	26
147	Search for Randall-Sundrum gravitons in dilepton and diphoton final states. <i>Physical Review Letters</i> , 2005 , 95, 091801	7.4	30
146	Search for new particles in the two-jet decay channel with the D0 detector. <i>Physical Review D</i> , 2004 , 69,	4.9	48
145	Search for doubly charged higgs boson pair production in the decay to mu(+)mu(+)mu(-)mu(-) in pp collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , 2004 , 93, 141801	7.4	63
144	Search for narrow tt resonances in pp collisions at square root of (s)=1.8 TeV. <i>Physical Review Letters</i> , 2004 , 92, 221801	7.4	21
143	Observation and properties of the X(3872) decaying to J/psipi(+)pi(-) in pp collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , 2004 , 93, 162002	7.4	408
142	Search for Pair Production of Light Scalar Top Quarks in pp Collisions at s=1.8 TeV. <i>Physical Review Letters</i> , 2004 , 93,	7.4	12
141	Combination of CDF and D0 results on the W boson mass and width. <i>Physical Review D</i> , 2004 , 70,	4.9	41
140	A precision measurement of the mass of the top quark. <i>Nature</i> , 2004 , 429, 638-42	50.4	202

139	First measurement of proton-proton elastic scattering at RHIC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 579, 245-250	4.2	23
138	The PP2PP experiment at RHIC: silicon detectors installed in Roman Pots for forward proton detection close to the beam. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 535, 415-420	1.2	19
137	Search for 3- and 4-body decays of the scalar top quark in pp collisions at $\sqrt{s} = 1.8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 581, 147-155	4.2	10
136	Observation of diffractively produced W and Z bosons in p p collisions at $\sqrt{s} = 1800$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 574, 169-179	4.2	15
135	Search for large extra dimensions in the monojet+E(T) channel with the DØ detector. <i>Physical Review Letters</i> , 2003 , 90, 251802	7.4	51
134	tt production cross section in pp collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 2003 , 67,	4.9	29
133	Multiple jet production at low transverse energies in pp collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 2003 , 67,	4.9	10
132	Hadron energy reconstruction for the ATLAS calorimetry in the framework of the non-parametrical method ATLAS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 480, 508-523	1.2	5
131	The inclusive jet cross section in pp collisions at $\sqrt{s} = 1.8$ TeV using the k _T algorithm. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 525, 211-218	4.2	32
130	Hard single diffraction in p p collisions at $\sqrt{s} = 630$ and 1800 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 531, 52-60	4.2	18
129	Search for R-parity violating supersymmetry in two-muon and four-jet topologies. <i>Physical Review Letters</i> , 2002 , 89, 171801	7.4	5
128	Subjet multiplicity of gluon and quark jets reconstructed with the k _T algorithm in pp collisions. <i>Physical Review D</i> , 2002 , 65,	4.9	19
127	Direct search for charged higgs bosons in decays of top quarks. <i>Physical Review Letters</i> , 2002 , 88, 151803	7.4	37
126	Direct measurement of the W boson decay width. <i>Physical Review D</i> , 2002 , 66,	4.9	17
125	Search for minimal supergravity in single-electron events with jets and large missing transverse energy in pp collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 2002 , 66,	4.9	2
124	Search for the scalar top quark in pp collisions at square root[s] = 1.8 TeV. <i>Physical Review Letters</i> , 2002 , 88, 171802	7.4	16
123	Search for leptoquark pairs decaying into $\nu\nu$ +jets in pp collisions at square root[s] = 1.8 TeV. <i>Physical Review Letters</i> , 2002 , 88, 191801	7.4	10
122	Improved W boson mass measurement with the DØ detector. <i>Physical Review D</i> , 2002 , 66,	4.9	35

121	Differential cross section for w boson production as a function of transverse momentum in collisions at TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 513, 292-300	4.2	23
120	Search for single top quark production at D using neural networks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 517, 282-294	4.2	51
119	Measurement of the ratio of differential cross sections for W and Z boson production as a function of transverse momentum in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 517, 299-308	4.2	6
118	Quasi-model-independent search for new high p(T) physics at D0. <i>Physical Review Letters</i> , 2001 , 86, 3712-74	7.4	24
117	Ratio of isolated photon cross sections in pp macro collisions at square root of $s = 630$ and 1800 GeV. <i>Physical Review Letters</i> , 2001 , 87, 251805	7.4	33
116	Search for new physics using QUAERO: a general interface to D0 event data. <i>Physical Review Letters</i> , 2001 , 87, 231801	7.4	9
115	Search for heavy particles decaying into electron-positron pairs in pp collisions. <i>Physical Review Letters</i> , 2001 , 87, 061802	7.4	25
114	Ratio of jet cross sections at square root of $s = 630$ GeV and 1800 GeV. <i>Physical Review Letters</i> , 2001 , 86, 2523-8	7.4	13
113	Quasi-model-independent search for new physics at large transverse momentum. <i>Physical Review D</i> , 2001 , 64,	4.9	25
112	Search for dilepton signatures from minimal low-energy supergravity in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 2001 , 63,	4.9	12
111	Inclusive jet production in pp(macro) collisions. <i>Physical Review Letters</i> , 2001 , 86, 1707-12	7.4	60
110	Ratios of multijet Cross Sections in p p collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 2001 , 86, 1955-60	7.4	13
109	Search for first-generation scalar and vector leptoquarks. <i>Physical Review D</i> , 2001 , 64,	4.9	13
108	Measurement of the angular distribution of electrons from $W \rightarrow e\bar{\nu}$ decays observed in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 2001 , 63,	4.9	9
107	Search for large extra dimensions in dielectron and diphoton production. <i>Physical Review Letters</i> , 2001 , 86, 1156-61	7.4	61
106	High-pT jets in pp collisions at $\sqrt{s}=630$ and 1800 GeV. <i>Physical Review D</i> , 2001 , 64,	4.9	62
105	Results from a new combined test of an electromagnetic liquid argon calorimeter with a hadronic scintillating-tile calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000 , 449, 461-477	1.2	20
104	The bb production cross section and angular correlations in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 487, 264-272	4.2	103

103	Hadronic shower development in Iron-Scintillator Tile Calorimetry. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000 , 443, 51-70	1.2	14
102	Measurement of the W boson mass using electrons at large rapidities. <i>Physical Review Letters</i> , 2000 , 84, 222-7	7.4	26
101	Search for electroweak production of single top quarks in pp collisions. <i>Physical Review D</i> , 2000 , 63,	4.9	33
100	Measurement of the W boson mass using large rapidity electrons. <i>Physical Review D</i> , 2000 , 62,	4.9	28
99	Measurement of the inclusive differential cross section for Z bosons as a function of transverse momentum in pp collisions at s=1.8 TeV. <i>Physical Review D</i> , 2000 , 61,	4.9	48
98	Search for R-parity violation in multilepton final states in pp collisions at s=1.8 TeV. <i>Physical Review D</i> , 2000 , 62,	4.9	8
97	Differential production cross section of Z bosons as a function of transverse momentum at sqrt. <i>Physical Review Letters</i> , 2000 , 84, 2792-7	7.4	33
96	Limits on quark compositeness from high energy jets in pp collisions at 1.8 TeV. <i>Physical Review D</i> , 2000 , 62,	4.9	9
95	Extraction of the width of the W boson from measurements of (pp to W+X)B(W to ee) and (pp to Z+X)B(Z to ee) and their ratio. <i>Physical Review D</i> , 2000 , 61,	4.9	61
94	Search for second-generation leptoquark pairs in pp collisions at radicals = 1.8 TeV. <i>Physical Review Letters</i> , 2000 , 84, 2088-93	7.4	29
93	Measurement of the W to taunu production cross section in pp collisions at square root s=1.8 TeV. <i>Physical Review Letters</i> , 2000 , 84, 5710-5	7.4	12
92	Limits on anomalous WW and WWZ couplings from WW/WZ to ee production. <i>Physical Review D</i> , 2000 , 62,	4.9	18
91	Isolated photon cross section in pp collisions at radicals = 1.8 TeV. <i>Physical Review Letters</i> , 2000 , 84, 2786-91	7.4	60
90	Search for new physics in ee data at D using SLEUTH: A quasi-model-independent search strategy for new physics. <i>Physical Review D</i> , 2000 , 62,	4.9	32
89	Spin correlation in tt production from pp collisions at radicals = 1.8 TeV. <i>Physical Review Letters</i> , 2000 , 85, 256-61	7.4	35
88	Small-angle muon and bottom-quark production in pp collisions at radicals = 1.8 TeV. <i>Physical Review Letters</i> , 2000 , 84, 5478-83	7.4	37
87	Cross section for b-Jet production in pp collisions at radicals = 1.8 TeV. <i>Physical Review Letters</i> , 2000 , 85, 5068-73	7.4	65
86	Probing Balitsky-Fadin-Kuraev-Lipatov dynamics in the dijet cross section at large rapidity intervals in pp collisions at sqrt[s]=1800 and 630 GeV. <i>Physical Review Letters</i> , 2000 , 84, 5722-7	7.4	24

85	Measurement of the top quark pair production cross section in pp collisions using multijet final states. <i>Physical Review D</i> , 1999 , 60,	4.9	27
84	Search for R-Parity Violating Supersymmetry in the Dielectron Channel. <i>Physical Review Letters</i> , 1999 , 83, 4476-4481	7.4	24
83	Studies of WW and WZ production and limits on anomalous WW and WWZ couplings. <i>Physical Review D</i> , 1999 , 60,	4.9	22
82	Small Angle J/D Production in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1999 , 82, 35-40	7.4	38
81	Measurement of the Top Quark Pair Production Cross Section in the All-Jets Decay Channel. <i>Physical Review Letters</i> , 1999 , 83, 1908-1913	7.4	31
80	Search for Second Generation Leptoquark Pairs Decaying to b jets in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1999 , 83, 2896-2901	7.4	15
79	Search for Squarks and Gluinos in Events Containing Jets and a Large Imbalance in Transverse Energy. <i>Physical Review Letters</i> , 1999 , 83, 4937-4942	7.4	51
78	Measurement of the High-Mass Drell-Yan Cross Section and Limits on Quark-Electron Compositeness Scales. <i>Physical Review Letters</i> , 1999 , 82, 4769-4774	7.4	57
77	Search for Squarks and Gluinos in Single-Photon Events with Jets and Large Missing Transverse Energy in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1999 , 82, 29-34	7.4	17
76	Measurement of the top quark mass in the dilepton channel. <i>Physical Review D</i> , 1999 , 60,	4.9	73
75	Measurement of W and Z boson production cross sections in pp collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review D</i> , 1999 , 60,	4.9	18
74	Search for Charged Higgs Bosons in Decays of Top Quark Pairs. <i>Physical Review Letters</i> , 1999 , 82, 4975-4980	7.4	78
73	Inclusive Jet Cross Section in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1999 , 82, 2451-2456	7.4	62
72	Dijet Mass Spectrum and a Search for Quark Compositeness in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1999 , 82, 2457-2462	7.4	53
71	Search for bottom squarks in pp collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review D</i> , 1999 , 60,	4.9	22
70	Evidence of color coherence effects in W+jets events from collisions at TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 464, 145-155	4.2	7
69	Determination of the absolute jet energy scale in the D \bar{C} calorimeters. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 424, 352-394	1.2	50
68	Search for Nonstandard Higgs Bosons Using High Mass Photon Pairs in $pp \rightarrow \gamma\gamma$ Jets at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1999 , 82, 2244-2249	7.4	27

67	Search for the decay $b \rightarrow Xs$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 423, 419-426	4.2	13
66	Evaluation of Fermi read-out of the Atlas Tilecal prototype. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 403, 98-114	1.2	3
65	Probing hard color-singlet exchange in pp collisions at $s = 630$ GeV and 1800 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 440, 189-202	4.2	52
64	Experimental Search for Chargino and Neutralino Production in Supersymmetry Models with a Light Gravitino. <i>Physical Review Letters</i> , 1998 , 80, 442-447	7.4	35
63	Limits on WW and WWZ couplings from W boson pair production. <i>Physical Review D</i> , 1998 , 58,	4.9	14
62	Search for top squark pair production in the dielectron channel. <i>Physical Review D</i> , 1998 , 57, 589-593	4.9	13
61	Determination of the mass of the W boson using the D ϕ detector at the Fermilab Tevatron. <i>Physical Review D</i> , 1998 , 58,	4.9	21
60	Measurement of Dijet Angular Distributions and Search for Quark Compositeness. <i>Physical Review Letters</i> , 1998 , 80, 666-671	7.4	36
59	Search for Heavy Pointlike Dirac Monopoles. <i>Physical Review Letters</i> , 1998 , 81, 524-529	7.4	40
58	Measurement of the Shape of the Transverse Momentum Distribution of W Bosons Produced in pp Collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1998 , 80, 5498-5503	7.4	27
57	$Z\phi$ production in pp collisions at $s = 1.8$ TeV and limits on anomalous ZZ and $Z\phi$ couplings. <i>Physical Review D</i> , 1998 , 57, R3817-R3821	4.9	29
56	Limits on anomalous WW and WWZ couplings. <i>Physical Review D</i> , 1998 , 58,	4.9	12
55	A Measurement of the W Boson Mass at the Fermilab pp Collider. <i>Physical Review Letters</i> , 1998 , 80, 3008-3013	7.4	28
54	Measurement of the Top Quark Mass Using Dilepton Events. <i>Physical Review Letters</i> , 1998 , 80, 2063-2068	7.4	96
53	Search for Trilepton Signatures from Associated Gaugino Pair Production. <i>Physical Review Letters</i> , 1998 , 80, 1591-1596	7.4	21
52	Search for Charge $\frac{1}{3}$ Third-Generation Leptoquarks in pp Collisions at $s = 1.8$ TeV. <i>Physical Review Letters</i> , 1998 , 81, 38-43	7.4	24
51	Direct measurement of the top quark mass by the D ϕ Collaboration. <i>Physical Review D</i> , 1998 , 58,	4.9	98
50	Measurement of the W boson mass. <i>Physical Review D</i> , 1998 , 58,	4.9	43

49	Search for First Generation Scalar Leptoquark Pairs in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1998 , 80, 2051-2056	7.4	46
48	Study of the ZZ and $Z\gamma$ Couplings in $Z(\gamma)$ Production. <i>Physical Review Letters</i> , 1997 , 78, 3640-3645	7.4	35
47	Search for Scalar Leptoquark Pairs Decaying to Electrons and Jets in $p\bar{p}$ Collisions. <i>Physical Review Letters</i> , 1997 , 79, 4321-4326	7.4	44
46	Search for Diphoton Events with Large Missing Transverse Energy in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1997 , 78, 2070-2074	7.4	30
45	Limits on WWZ and $WW\gamma$ Couplings from $pp\rightarrow e\gamma X$ Events at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1997 , 79, 1441-1446	7.4	26
44	Direct Measurement of the Top Quark Mass. <i>Physical Review Letters</i> , 1997 , 79, 1197-1202	7.4	88
43	Search for a Fourth Generation Charge $2/3$ Quark via Flavor Changing Neutral Current Decay. <i>Physical Review Letters</i> , 1997 , 78, 3818-3823	7.4	25
42	Measurement of the Top Quark Pair Production Cross Section in pp Collisions. <i>Physical Review Letters</i> , 1997 , 79, 1203-1208	7.4	67
41	Studies of gauge boson pair production and trilinear couplings. <i>Physical Review D</i> , 1997 , 56, 6742-6778	4.9	26
40	Limits on Anomalous $WW\gamma$ Couplings from $pp\rightarrow W\gamma X$ Events at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1997 , 78, 3634-3639	7.4	45
39	Color coherent radiation in multijet events from collisions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 414, 419-427	4.2	17
38	Results from a combined test of an electromagnetic liquid argon calorimeter with a hadronic scintillating-tile calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 387, 333-351	1.2	12
37	Response of the ATLAS Tile calorimeter prototype to muons. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 388, 64-78	1.2	10
36	Jet production via strongly interacting color-singlet exchange in pp -bar collisions. <i>Physical Review Letters</i> , 1996 , 76, 734-739	7.4	39
35	production in collisions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 370, 239-248	4.2	85
34	Search for additional neutral gauge bosons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 385, 471-478	4.2	25
33	Search for light top squarks in pp -bar collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1996 , 76, 2222-2227	7.4	81
32	Isolated Photon Cross Section in the Central and Forward Rapidity Regions in pp -bar Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1996 , 77, 5011-5015	7.4	39

31	Search for W -tilde $1Z$ -tilde 2 production via trilepton final states in pp -bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1996 , 76, 2228-2233	7.4	17
30	Measurement of the W Boson Mass. <i>Physical Review Letters</i> , 1996 , 77, 3309-3314	7.4	47
29	Search for right-handed W bosons and heavy W' in pp -bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1996 , 76, 3271-3276	7.4	63
28	Studies of topological distributions of inclusive three- and four-jet events in p -bar p collisions at $s=1800$ GeV with the D0 detector. <i>Physical Review D</i> , 1996 , 53, 6000-6016	4.9	18
27	Azimuthal Decorrelation of Jets Widely Separated in Rapidity. <i>Physical Review Letters</i> , 1996 , 77, 595-600	7.4	30
26	Search for Anomalous WW and WZ Production in pp -bar Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1996 , 77, 3303-3308	7.4	27
25	Transverse energy distributions within jets in collisions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 357, 500-508	4.2	39
24	Search for heavy W bosons in 1.8 TeV collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 358, 405-411	4.2	8
23	The D0 Detector at Fermilab. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1995 , 99, 661-664	1.2	
22	Top quark search with the D0 1992-1993 data sample. <i>Physical Review D</i> , 1995 , 52, 4877-4919	4.9	68
21	Search for W boson pair production in pp -bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 75, 1023-1027	7.4	38
20	Search for squarks and gluinos in pp -bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 75, 618-623	7.4	100
19	Second generation leptoquark search in pp -bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 75, 3618-3623	7.4	15
18	Measurement of the WW gamma gauge boson couplings in pp -bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 75, 1034-1039	7.4	32
17	Search for high mass top quark production in pp -bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 74, 2422-2426	7.4	63
16	W and Z Boson Production in pp -bar Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 75, 1456-1461	7.4	62
15	Inclusive micro and b -quark production cross sections in pp -bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 74, 3548-3552	7.4	92
14	Limits on the anomalous ZZ gamma and Z gamma gamma couplings in pp -bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 75, 1028-1033	7.4	26

- | | | | |
|----|--|-----|-----|
| 13 | Study of the strong coupling constant using W+jet processes. <i>Physical Review Letters</i> , 1995 , 75, 3226-3231 | 14 | 23 |
| 12 | Observation of the Top Quark. <i>Physical Review Letters</i> , 1995 , 74, 2632-2637 | 7.4 | 909 |
| 11 | Rapidity gaps between jets in pp-bar collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1994 , 72, 2332-2336 | 23 | 55 |
| 10 | First generation leptoquark search in pp-bar collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1994 , 72, 965-969 | 7.4 | 43 |
| 9 | The DØ detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 338, 185-253 | 1.2 | 357 |
| 8 | Search for the top quark in pp-bar collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1994 , 72, 2138-2142 | 7.4 | 109 |
| 7 | Design, construction, and performance of the electromagnetic module of the DØ end calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1993 , 325, 393-416 | 1.2 | 15 |
| 6 | Beam tests of the DØ uranium liquid argon end calorimeters. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1993 , 324, 53-76 | 1.2 | 28 |
| 5 | A dependence of J/psi production in pi--nucleus collisions at 530 GeV/c. <i>Physical Review D</i> , 1990 , 41, 1-8 | 4.9 | 19 |
| 4 | The large-volume detector (LVD) - a multipurpose underground detector at Gran Sasso. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1989 , 277, 11-16 | 1.2 | 36 |
| 3 | LVD at Gran Sasso. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1988 , 264, 5-17 | 1.2 | 18 |
| 2 | A new method to investigate the nuclear effect in leptonic interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988 , 214, 281-285 | 4.2 | 39 |
| 1 | Search for anomalous particles in high-energy hadron-proton interactions. <i>Physical Review D</i> , 1987 , 35, 3297-3309 | 4.9 | |