

# Stefano Giagu

## List of Publications by Year in Descending Order

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

1,140  
papers

38,396  
citations

84  
h-index

132  
g-index

1,184  
ext. papers

42,880  
ext. citations

5.1  
avg, IF

3.59  
L-index

#	Paper	IF	Citations
1140	Performance of the ATLAS Level-1 topological trigger in Run2. <i>European Physical Journal C</i> , <b>2022</b> , 82, 1	4.2	0
1139	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> , <b>2022</b> , 2022, 1	5.4	0
1138	Observation of electroweak production of two jets in association with an isolated photon and missing transverse momentum, and search for a Higgs boson decaying into invisible particles at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2022</b> , 82, 1	4.2	0
1137	Multimodal evaluation of F-BPA internalization in pancreatic cancer cells for boron capture and proton therapy potential applications.. <i>Physica Medica</i> , <b>2022</b> , 94, 75-84	2.7	
1136	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 <sup>-1</sup> of pp collision data at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	0
1135	AtlFast3: The Next Generation of Fast Simulation in ATLAS. <i>Computing and Software for Big Science</i> , <b>2022</b> , 6, 1	6	0
1134	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> , <b>2022</b> , 82, 1	4.2	0
1133	The ATLAS inner detector trigger performance in pp collisions at $\sqrt{s} = 13$ TeV during LHC Run 2. <i>European Physical Journal C</i> , <b>2022</b> , 82, 1	4.2	
1132	High-precision measurement of the boson mass with the CDF II detector.. <i>Science</i> , <b>2022</b> , 376, 170-176	33.3	14
1131	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> , <b>2022</b> , 82, 1	4.2	1
1130	Model compression and simplification pipelines for fast deep neural network inference in FPGAs in HEP. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	1
1129	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> , <b>2021</b> , 81, 1	4.2	2
1128	Measurement of the $t\bar{t}$ production cross section in pp collisions at ( $\sqrt{s} = 13$ TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
1127	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> , <b>2021</b> , 2021, 1	5.4	2
1126	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> , <b>2021</b> , 81, 1	4.2	7
1125	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb <sup>-1</sup> of Pb+Pb data with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	5
1124	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> , <b>2021</b> , 2021, 1	5.4	1

1123	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> , <b>2021</b> , 2021, 1	5.4	6
1122	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> , <b>2021</b> , 2021, 1	5.4	8
1121	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> , <b>2021</b> , 81, 1	4.2	5
1120	Optimisation of large-radius jet reconstruction for the ATLAS detector in 13 TeV proton-proton collisions. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	2
1119	Search for heavy resonances decaying into a pair of Z bosons in the ( $e^+e^-e^+e^-$ ) and ( $e^+e^-e^-\nu_{\bar{\nu}}$ ) final states using 139 ( $\text{fb}^{-1}$ ) of proton-proton collisions at ( $\sqrt{s}$ = 13,)TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	8
1118	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> , <b>2021</b> , 2021, 1	5.4	6
1117	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> , <b>2021</b> , 81, 1	4.2	7
1116	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> , <b>2021</b> , 2021, 1	5.4	3
1115	Measurements of $W+W\gamma$ jet production cross-sections in pp collisions at ( $\sqrt{s}$ ) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
1114	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> , <b>2021</b> , 2021, 1	5.4	8
1113	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> , <b>2021</b> , 81, 1	4.2	0
1112	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> , <b>2021</b> , 2021, 1	5.4	6
1111	Search for supersymmetry in events with four or more charged leptons in 139 $\text{fb}^{-1}$ of ( $\sqrt{s}$ ) = 13 TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	2
1110	Determination of the parton distribution functions of the proton from ATLAS measurements of differential $W\gamma$ and Z boson production in association with jets. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	1
1109	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> , <b>2021</b> , 2021, 1	5.4	0
1108	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> , <b>2021</b> , 2021, 1	5.4	1
1107	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> , <b>2021</b> , 81, 1	4.2	13
1106	Measurement of hadronic event shapes in high- $p_T$ multijet final states at ( $\sqrt{s}$ ) = 13 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	3

1105	Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fb of ( $\sqrt{s}$ ) = 13 TeV pp collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	8
1104	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> , <b>2021</b> , 81, 1	4.2	5
1103	Measurements of WH and ZH production in the ( $H \rightarrow b\bar{b}$ ) decay channel in pp collisions at ( $\sqrt{s}$ ) = 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	7
1102	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> , <b>2021</b> , 2021, 1	5.4	5
1101	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> , <b>2021</b> , 81, 1	4.2	0
1100	Measurement of single top-quark production in association with a W boson in the single-lepton channel at ( $\sqrt{s}$ ) = 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	1
1099	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> , <b>2021</b> , 81, 1	4.2	11
1098	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> , <b>2021</b> , 81, 1	4.2	1
1097	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> , <b>2021</b> , 81, 1	4.2	4
1096	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> , <b>2021</b> , 2021, 1	5.4	2
1095	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> , <b>2021</b> , 81, 1	4.2	1
1094	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> , <b>2021</b> , 2021, 1	5.4	0
1093	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> , <b>2021</b> , 2021, 1	5.4	0
1092	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> , <b>2021</b> , 2021, 1	5.4	0
1091	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> , <b>2021</b> , 81, 1	4.2	1
1090	Configuration and performance of the ATLAS b-jet triggers in Run 2. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	1
1089	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> , <b>2021</b> , 2021, 1	5.4	0
1088	Higgs boson production cross-section measurements and their EFT interpretation in the ( $4\ell$ ) decay channel at ( $\sqrt{s}$ ) = 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	12

1087	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> , <b>2020</b> , 2020, 1	5.4	8
1086	Effective field theory interactions for liquid argon target in DarkSide-50 experiment. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	1
1085	Design and construction of a new detector to measure ultra-low radioactive-isotope contamination of argon. <i>Journal of Instrumentation</i> , <b>2020</b> , 15, P02024-P02024	1	10
1084	Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fb <sup>-1</sup> of data collected with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	8
1083	Performance of electron and photon triggers in ATLAS during LHC Run 2. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	30
1082	Search for top squarks in events with a Higgs or Z boson using 139 fb <sup>-1</sup> of pp collision data at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	1
1081	Evidence for $(\bar{t}t)$ 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> , <b>2020</b> , 80, 1	4.2	8
1080	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> , <b>2020</b> , 80, 1	4.2	4
1079	Search for a scalar partner of the top quark in the all-hadronic $(\bar{t}t)$ plus missing transverse momentum final state at $(\sqrt{s}=13)$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	17
1078	Alignment of the ATLAS Inner Detector in Run 2. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	4
1077	Determination of jet calibration and energy resolution in proton-proton collisions at $(\sqrt{s}) = 8\text{-}13$ (TeV) using the ATLAS detector. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	3
1076	Search for $(\bar{t}t)$ 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> , <b>2020</b> , 2020, 1	5.4	6
1075	Reconstruction and identification of boosted di-boson systems in a search for Higgs boson pairs using 13 TeV proton-proton collision data in ATLAS. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	3
1074	Fast and resource-efficient Deep Neural Network on FPGA for the Phase-II Level-0 muon barrel trigger of the ATLAS experiment. <i>EPJ Web of Conferences</i> , <b>2020</b> , 245, 01021	0.3	3
1073	Searching for long-lived particles beyond the Standard Model at the Large Hadron Collider. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2020</b> , 47, 090501	2.9	51
1072	Performance of the missing transverse momentum triggers for the ATLAS detector during Run-2 data taking. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	8
1071	Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	9
1070	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> , <b>2020</b> , 80, 1	4.2	9

1069	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> , <b>2020</b> , 80, 1	4.2	13
1068	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> , <b>2020</b> , 2020, 1	5.4	5
1067	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> , <b>2020</b> , 2020, 1	5.4	5
1066	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> , <b>2020</b> , 2020, 1	5.4	5
1065	Measurements of top-quark pair spin correlations in the (emu) channel at ( $\sqrt{s}$ ) = 13 TeV using pp collisions in the ATLAS detector. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	8
1064	Measurement of the cross-section and charge asymmetry of W bosons produced in proton-proton collisions at ( $\sqrt{s}$ )=8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	11
1063	WIMP Dark Matter Searches With the ATLAS Detector at the LHC. <i>Frontiers in Physics</i> , <b>2019</b> , 7,	3.9	9
1062	Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC proton-proton collision data at ( $\sqrt{s}$ ) = 13 TeV. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	37
1061	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> , <b>2019</b> , 79, 1	4.2	2
1060	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> , <b>2019</b> , 79, 1	4.2	15
1059	FCC Physics Opportunities. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	174
1058	Measurement of VH, ( $\overline{b}b$ ) 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> , <b>2019</b> , 2019, 1	5.4	8
1057	Performance of top-quark and ( $W$ )-boson tagging with ATLAS in Run 2 of the LHC. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	19
1056	Electron and photon energy calibration with the ATLAS detector using 2015-2016 LHC proton-proton collision data. <i>Journal of Instrumentation</i> , <b>2019</b> , 14, P03017-P03017	1	25
1055	Search for doubly charged scalar bosons decaying into same-sign boson pairs with the ATLAS detector. <i>European Physical Journal C</i> , <b>2019</b> , 79, 58	4.2	20
1054	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> , <b>2019</b> , 79, 1	4.2	26
1053	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> , <b>2019</b> , 2019, 1	5.4	5
1052	Directional dark matter detection sensitivity of a two-phase liquid argon detector. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 014-014	6.4	6

1051	Search for pair production of Higgs bosons in the ( $\overline{b}\overline{b}$ ) final state using proton-proton collisions at ( $\sqrt{s}=13$ ) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	31
1050	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> , <b>2019</b> , 2019, 1	5.4	31
1049	FCC-ee: The Lepton Collider. <i>European Physical Journal: Special Topics</i> , <b>2019</b> , 228, 261-623	2.3	193
1048	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> , <b>2019</b> , 79, 1	4.2	16
1047	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> , <b>2019</b> , 79, 1	4.2	2
1046	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> , <b>2019</b> , 79, 1	4.2	4
1045	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> , <b>2019</b> , 79, 1	4.2	43
1044	Measurement of the ion fraction and mobility of $^{218}\text{Po}$ produced in $^{222}\text{Rn}$ decays in liquid argon. <i>Journal of Instrumentation</i> , <b>2019</b> , 14, P11018-P11018	1	
1043	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> , <b>2019</b> , 79, 1	4.2	13
1042	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> , <b>2018</b> , 2018, 1	5.4	81
1041	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> , <b>2018</b> , 2018, 1	5.4	10
1040	Combined Forward-Backward Asymmetry Measurements in Top-Antitop Quark Production at the Tevatron. <i>Physical Review Letters</i> , <b>2018</b> , 120, 042001	7.4	8
1039	Measurement of the $W$ -boson mass in pp collisions at with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 110	4.2	59
1038	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> , <b>2018</b> , 78, 102	4.2	7
1037	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> , <b>2018</b> , 78, 154	4.2	23
1036	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at and 5.02 TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 142	4.2	35
1035	Measurement of quarkonium production in proton-lead and proton-proton collisions at with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 171	4.2	35
1034	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> , <b>2018</b> , 78, 186	4.2	5

1033	Search for heavy resonances in the and final states using proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 293	4.2	41
1032	A search for pair-produced resonances in four-jet final states at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 250	4.2	28
1031	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 <sup>-1</sup> of ( $\sqrt{s}=13$ ) TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	26
1030	Search for heavy resonances decaying into in the final state in collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 24	4.2	47
1029	Direct top-quark decay width measurement in the lepton+jets channel at $\sqrt{s}=13$ TeV with the ATLAS experiment. <i>European Physical Journal C</i> , <b>2018</b> , 78, 129	4.2	11
1028	Search for W W/W Z resonance production in $\bar{d}q$ final states in pp collisions at ( $\sqrt{s}=13$ ) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	22
1027	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> , <b>2018</b> , 2018, 1	5.4	36
1026	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> , <b>2018</b> , 2018, 1	5.4	12
1025	Search for dark matter produced in association with bottom or top quarks in $\sqrt{s}=13$ TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 18	4.2	32
1024	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s}=13$ TeV. <i>European Physical Journal C</i> , <b>2018</b> , 78, 199	4.2	55
1023	Measurement of polarisation in decays in proton-proton collisions at TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 163	4.2	3
1022	Searches for heavy ZZ and ZW resonances in the $\bar{d}q$ and $\bar{u}q$ final states in pp collisions at ( $\sqrt{s}=13$ ) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	17
1021	DarkSide-20k: A 20 tonne two-phase LAr TPC for direct dark matter detection at LNGS. <i>European Physical Journal Plus</i> , <b>2018</b> , 133, 1	3.1	160
1020	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> , <b>2018</b> , 2018, 1	5.4	23
1019	Low-Mass Dark Matter Search with the DarkSide-50 Experiment. <i>Physical Review Letters</i> , <b>2018</b> , 121, 081302	3.7	169
1018	Electroluminescence pulse shape and electron diffusion in liquid argon measured in a dual-phase TPC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2018</b> , 904, 23-34	1.2	10
1017	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> , <b>2018</b> , 2018, 1	5.4	7
1016	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> , <b>2018</b> , 2018, 1	5.4	14



1015	Prompt and non-prompt elliptic flow in Pb+Pb collisions at TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 784	4.2	8
1014	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> , <b>2018</b> , 78, 1007	4.2	21
1013	Measurement of colour flow using jet-pull observables in events with the ATLAS experiment at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 847	4.2	5
1012	DarkSide-50 532-day dark matter search with low-radioactivity argon. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	86
1011	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> , <b>2018</b> , 2018, 1	5.4	44
1010	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> , <b>2018</b> , 78, 401	4.2	23
1009	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> , <b>2018</b> , 2018, 1	5.4	15
1008	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> , <b>2018</b> , 2018, 1	5.4	4
1007	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> , <b>2018</b> , 2018, 1	5.4	23
1006	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> , <b>2018</b> , 2018, 1	5.4	21
1005	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> , <b>2018</b> , 78, 997	4.2	21
1004	Performance of missing transverse momentum reconstruction with the ATLAS detector using proton-proton collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 903	4.2	66
1003	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> , <b>2018</b> , 78, 995	4.2	49
1002	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> , <b>2018</b> , 2018, 1	5.4	39
1001	Operation and performance of the ATLAS Tile Calorimeter in Run 1. <i>European Physical Journal C</i> , <b>2018</b> , 78, 987	4.2	13
1000	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> , <b>2018</b> , 2018, 1	5.4	28
999	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> , <b>2018</b> , 2018, 1	5.4	16
998	Search for top-quark 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> , <b>2018</b> , 2018, 1	5.4	33

997	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> , <b>2018</b> , 2018, 1	5.4	48
996	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> , <b>2018</b> , 2018, 1	5.4	9
995	Search for charged Higgs bosons decaying via $H_{\pm} \rightarrow \tau\nu$ in the $\tau$ -jets and $\tau$ -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> , <b>2018</b> , 2018, 1	5.4	33
994	Prompt and non-prompt and suppression at high transverse momentum in Pb+Pb collisions with the ATLAS experiment. <i>European Physical Journal C</i> , <b>2018</b> , 78, 762	4.2	23
993	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> , <b>2018</b> , 2018, 1	5.4	22
992	Tevatron Run II combination of the effective leptonic electroweak mixing angle. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	15
991	Search for exclusive Higgs and Z boson decays to $\tau\nu$ and $\tau\bar{\nu}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
990	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> , <b>2018</b> , 2018, 1	5.4	31
989	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> , <b>2018</b> , 2018, 1	5.4	8
988	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> , <b>2018</b> , 78, 487	4.2	5
987	Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in proton-proton collisions at with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 565	4.2	34
986	Constraints on Sub-GeV Dark-Matter-Electron Scattering from the DarkSide-50 Experiment. <i>Physical Review Letters</i> , <b>2018</b> , 121, 111303	7.4	85
985	Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in collisions with the ATLAS detector. <i>European Physical Journal C</i> , <b>2018</b> , 78, 625	4.2	15
984	Search for the Exotic Meson X(5568) with the Collider Detector at Fermilab. <i>Physical Review Letters</i> , <b>2018</b> , 120, 202006	7.4	27
983	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> , <b>2018</b> , 2018, 1	5.4	101
982	Measurement of the [Formula: see text] and [Formula: see text] production cross sections in multilepton final states using 3.2 fb[Formula: see text] of [Formula: see text] collisions at [Formula: see text] = 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 40	4.2	14
981	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> , <b>2017</b> , 77, 26	4.2	22
980	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> , <b>2017</b> , 2017, 1	5.4	22

979	Measurement of jet activity produced in top-quark events with an electron, a muon and two $\gamma$ -tagged jets in the final state in collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 220	4.2	5
978	Measurement of the boson polarisation in $WZ$ events from collisions at $\sqrt{s}=8$ TeV in the lepton+ $\gamma$ jets channel with ATLAS. <i>European Physical Journal C</i> , <b>2017</b> , 77, 264	4.2	19
977	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. <i>European Physical Journal C</i> , <b>2017</b> , 77, 195	4.2	61
976	Measurements of top-quark pair differential cross-sections in the $WZ$ channel in collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 292	4.2	13
975	The DarkSide Experiment: Present Status and Future. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 798, 012109	0.3	6
974	Performance of algorithms that reconstruct missing transverse momentum in $WZ$ =8 TeV proton-proton collisions in the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 241	4.2	38
973	Effect of low electric fields on alpha scintillation light yield in liquid argon. <i>Journal of Instrumentation</i> , <b>2017</b> , 12, P01021-P01021	1	4
972	Measurement of the prompt $WZ$ pair production cross-section in collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 76	4.2	47
971	Search for triboson $WZZ$ production in collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 141	4.2	13
970	Simulation of argon response and light detection in the DarkSide-50 dual phase TPC. <i>Journal of Instrumentation</i> , <b>2017</b> , 12, P10015-P10015	1	23
969	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. <i>European Physical Journal C</i> , <b>2017</b> , 77, 490	4.2	177
968	Fiducial, total and differential cross-section measurements of $WZ$ -channel single top-quark production in collisions at $\sqrt{s}=8$ TeV using data collected by the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 531	4.2	27
967	Measurements of electroweak $WZ$ production and constraints on anomalous gauge couplings with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 474	4.2	14
966	Observation of the $\Upsilon(4140)$ structure in the $J/\psi$ mass spectrum in $B_c \rightarrow J/\psi K_c$ decays. <i>Modern Physics Letters A</i> , <b>2017</b> , 32, 1750139	1.3	27
965	Jet reconstruction and performance using particle flow with the ATLAS Detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 466	4.2	42
964	Cryogenic Characterization of FBK RGB-HD SiPMs. <i>Journal of Instrumentation</i> , <b>2017</b> , 12, P09030-P09030	1	9
963	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> , <b>2017</b> , 77, 428	4.2	48
962	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> , <b>2017</b> , 2017, 1	5.4	25

961	Measurement of lepton differential distributions and the top quark mass in production in collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 804	4.2	11
960	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> , <b>2017</b> , 2017, 1	5.4	7
959	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> , <b>2017</b> , 2017, 1	5.4	6
958	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. <i>European Physical Journal C</i> , <b>2017</b> , 77, 673	4.2	33
957	Search for new phenomena in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $[e^+e^-][\mu^+\mu^-][\tau^+\tau^-]$ collisions with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 144	4.2	8
956	Measurement of the ZZ production cross section in proton-proton collisions at $(\sqrt{s}=8)$ TeV using the $ZZ \rightarrow \mu\mu^+\mu^+$ and $(ZZ \rightarrow e^+e^-\nu\overline{\nu})$ decay channels with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	9
955	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> , <b>2017</b> , 2017, 1	5.4	11
954	Measurements of $(\overline{D}_S)$ and $X(3872) \rightarrow J/\psi \mu\mu$ production in pp collisions at $(\sqrt{s}=8)$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	15
953	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> , <b>2017</b> , 2017, 1	5.4	7
952	Search for lepton-flavour-violating decays of the Higgs and bosons with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 70	4.2	52
951	Performance of the ATLAS trigger system in 2015. <i>European Physical Journal C</i> , <b>2017</b> , 77, 317	4.2	272
950	Reconstruction of primary vertices at the ATLAS experiment in Run 1 proton-proton collisions at the LHC. <i>European Physical Journal C</i> , <b>2017</b> , 77, 332	4.2	29
949	Measurements of the production cross section of a $[Z/\gamma]$ boson in association with jets in collisions at $[\sqrt{s}=8]$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 361	4.2	26
948	Precision measurement and interpretation of inclusive $Z/\gamma$ and production cross sections with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 367	4.2	56
947	Measurement of jet fragmentation in Pb+Pb and collisions at TeV with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , <b>2017</b> , 77, 379	4.2	35
946	Search for dark matter at $[Z/\gamma]$ in final states containing an energetic photon and large missing transverse momentum with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 393	4.2	52
945	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> , <b>2017</b> , 2017, 1	5.4	9
944	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> , <b>2017</b> , 77, 898	4.2	19

943	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> , <b>2017</b> , 2017, 1	5.4	7
942	Measurement of detector-corrected observables sensitive to the anomalous production of events with jets and large missing transverse momentum in collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 765	4.2	10
941	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> , <b>2017</b> , 2017, 1	5.4	5
940	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> , <b>2017</b> , 2017, 1	5.4	13
939	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> , <b>2017</b> , 2017, 1	5.4	12
938	Measurement of the D <sup>+</sup> -meson production cross section at low transverse momentum in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	1
937	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> , <b>2017</b> , 2017, 1	5.4	27
936	Identification and rejection of pile-up jets at high pseudorapidity with the ATLAS detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 580	4.2	16
935	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> , <b>2017</b> , 77, 563	4.2	15
934	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> , <b>2017</b> , 2017, 1	5.4	7
933	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> , <b>2017</b> , 2017, 1	5.4	20
932	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> , <b>2017</b> , 2017, 1	5.4	7
931	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> , <b>2017</b> , 2017, 1	5.4	12
930	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> , <b>2017</b> , 2017, 1	5.4	12
929	Study of $\gamma\gamma$ production in collisions at $\sqrt{s}=13$ TeV and search for anomalous quartic gauge couplings with the ATLAS experiment. <i>European Physical Journal C</i> , <b>2017</b> , 77, 646	4.2	11
928	Measurements of top quark spin observables in ( $\overline{t}t$ ) events using dilepton final states in ( $\sqrt{s}=8$ ) TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	12
927	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> , <b>2017</b> , 2017, 1	5.4	8
926	Top-quark mass measurement in the all-hadronic ( $\overline{t}t$ ) decay channel at ( $\sqrt{s}=8$ ) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	6

925	Measurement of the Drell-Yan triple-differential cross section in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	16
924	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> , <b>2017</b> , 2017, 1	5.4	30
923	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> , <b>2017</b> , 2017, 1	5.4	22
922	The electronics, trigger and data acquisition system for the liquid argon time projection chamber of the DarkSide-50 search for dark matter. <i>Journal of Instrumentation</i> , <b>2017</b> , 12, P12011-P12011	1	7
921	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> , <b>2017</b> , 2017, 1	5.4	29
920	CALISA CALibration Insertion System for the DarkSide-50 dark matter search experiment. <i>Journal of Instrumentation</i> , <b>2017</b> , 12, T12004-T12004	1	8
919	Measurement of the k t splitting scales in $Z \rightarrow \ell\ell$ events in pp collisions at ( $\sqrt{s}=8$ ) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	3
918	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> , <b>2017</b> , 2017, 1	5.4	7
917	Evidence for the ( $H \rightarrow b\bar{b}$ ) decay with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	50
916	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> , <b>2017</b> , 2017, 1	5.4	126
915	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> , <b>2017</b> , 77, 872	4.2	19
914	Recoil Directionality Studies in Two-Phase Liquid Argon TPC Detectors. <i>EPJ Web of Conferences</i> , <b>2017</b> , 164, 07036	0.3	
913	Measurement of the $Bc\bar{c}$ production cross section in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	6
912	Measurement of the forward-backward asymmetry in low-mass bottom-quark pairs produced in proton-antiproton collisions. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	1
911	Measurement of the forward-backward asymmetry of top-quark and antiquark pairs using the full CDF Run II data set. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	6
910	Measurement of $\sin 2\beta_{\text{eff}}^{\text{lept}}$ using $e^+e^-$ pairs from $\mu/Z$ bosons produced in pp collisions at a center-of-momentum energy of 1.96 TeV. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	9
909	Measurement of the single top quark production cross section and $ V_{tb} $ in 1.96 TeV pp collisions with missing transverse energy and jets and final CDF combination. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	3
908	Measurement of vector boson plus $D^{*(2010)+}$ meson production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	3

907	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. <i>European Physical Journal C</i> , <b>2016</b> , 76, 295	4.2	28
906	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> , <b>2016</b> , 76, 581	4.2	148
905	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> , <b>2016</b> , 76, 322	4.2	35
904	Measurement of jet activity in top quark events using the e <sup>-</sup> final state with two b-tagged jets in pp collisions at ( $\sqrt{s}$ =8 ) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	4
903	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> , <b>2016</b> , 76, 291	4.2	63
902	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to WW $\rightarrow$ e <sup>-</sup> with the ATLAS detector at ( $\sqrt{s}$ =8 ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	13
901	Measurement of the WW and WZ production cross section using final states with a charged lepton and heavy-flavor jets in the full CDF Run II data set. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	3
900	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> , <b>2016</b> , 2016, 1	5.4	13
899	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> , <b>2016</b> , 2016, 1	5.4	10
898	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> , <b>2016</b> , 2016, 1	5.4	13
897	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> , <b>2016</b> , 18, 073021	2.9	1
896	Beam-induced and cosmic-ray backgrounds observed in the ATLAS detector during the LHC 2012 proton-proton running period. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P05013-P05013	1	8
895	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> , <b>2016</b> , 76, 538	4.2	48
894	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> , <b>2016</b> , 76, 283	4.2	42
893	Luminosity determination in collisions at [Formula: see text] = 8 TeV using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , <b>2016</b> , 76, 653	4.2	188
892	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> , <b>2016</b> , 76, 683	4.2	7
891	Addendum to Measurement of the (t $\bar{t}$ ) production cross-section using (emu) events with b-tagged jets in pp collisions at ( $\sqrt{s}$ ) = 7 and 8 (,mathrm{TeV}) with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 1	4.2	13
890	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> , <b>2016</b> , 2016, 1	5.4	20

889	Searches for heavy diboson resonances in pp collisions at ( $\sqrt{s}=13$ ) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	20
888	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> , <b>2016</b> , 2016, 1	5.4	16
887	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> , <b>2016</b> , 2016, 1	5.4	16
886	Measurement of the CP-violating phase $\phi_s$ 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> , <b>2016</b> , 2016, 1	5.4	10
885	Search for squarks and gluinos in final states with jets and missing transverse momentum at [ $\sqrt{s}=13$ ] TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 392	4.2	53
884	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> , <b>2016</b> , 2016, 1	5.4	24
883	A search for prompt lepton-jets in pp collisions at ( $\sqrt{s}=8$ ) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	22
882	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> , <b>2016</b> , 2016, 1	5.4	12
881	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at [ $\sqrt{s}=2.76$ ] TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 199	4.2	39
880	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> , <b>2016</b> , 2016, 1	5.4	12
879	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> , <b>2016</b> , 2016, 1	5.4	14
878	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> , <b>2016</b> , 2016, 1	5.4	12
877	Identification of boosted, hadronically decaying bosons and comparisons with ATLAS data taken at [ $\sqrt{s}=13$ ] TeV. <i>European Physical Journal C</i> , <b>2016</b> , 76, 154	4.2	44
876	Search for new phenomena in events with at least three photons collected in collisions at [ $\sqrt{s}=8$ ] TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 210	4.2	53
875	Probing lepton flavour violation via neutrinoless [ $\chi\chi$ ] decays with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 232	4.2	12
874	A new method to distinguish hadronically decaying boosted bosons from bosons using the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 238	4.2	6
873	Search for supersymmetry at [ $\sqrt{s}=13$ ] TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 259	4.2	48
872	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> , <b>2016</b> , 2016, 1	5.4	45



871	Search for anomalous couplings in the $Wtb$ vertex from the measurement of double differential angular decay rates of single top quarks produced in the t-channel with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1-46	5.4	12
870	Searches for scalar leptoquarks in collisions at $\sqrt{s} = 8\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 5	4.2	68
869	Measurements of the Higgs boson production and decay rates and coupling strengths using collision data at $\sqrt{s} = 8\text{ TeV}$ and $8\text{ TeV}$ in the ATLAS experiment. <i>European Physical Journal C</i> , <b>2016</b> , 76, 6	4.2	185
868	Measurements of fiducial cross-sections for $WZ$ production with one or two additional jets in collisions at $\sqrt{s} = 8\text{ TeV}$ using the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 11	4.2	21
867	Study of the $WZ$ and $W\gamma$ decays with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 4	4.2	13
866	Search for an additional, heavy Higgs boson in the $WZ$ decay channel at $\sqrt{s} = 8\text{ TeV}$ in $pp$ collision data with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 45	4.2	152
865	Search for single top-quark production via flavour-changing neutral currents at $8\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 55	4.2	28
864	Graphics Processing Units for HEP trigger systems. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 824, 307-310 <sup>1,2</sup>		
863	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 <b>2016</b> , 76, 1		1
862	Study of hard double-parton scattering in four-jet events in $pp$ collisions at $(\sqrt{s} = 7\text{ TeV})$ with the ATLAS experiment. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	21
861	Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in $(\sqrt{s} = 8\text{ TeV})$ $pp$ collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	8
860	Measurement of event-shape observables in $WZ$ events in collisions at $\sqrt{s} = 8\text{ TeV}$ with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , <b>2016</b> , 76, 375	4.2	5
859	Charged-particle distributions in interactions at $\sqrt{s} = 8\text{ TeV}$ measured with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 403	4.2	19
858	Charged-particle distributions at low transverse momentum in $WZ$ interactions measured with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , <b>2016</b> , 76, 502	4.2	37
857	Search for bottom squark pair production in proton-proton collisions at $\sqrt{s} = 8\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 547	4.2	25
856	Search for minimal supersymmetric standard model Higgs Bosons $H_{\pm}$ and for a $WZ$ boson in the $WZ$ final state produced in collisions at $\sqrt{s} = 8\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 585	4.2	28
855	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run-1 data. <i>European Physical Journal C</i> , <b>2016</b> , 76, 666	4.2	53
854	Measurement of the $WZ$ dijet cross section in collisions at $\sqrt{s} = 8\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 670	4.2	7

853	The performance of the jet trigger for the ATLAS detector during 2011 data taking. <i>European Physical Journal C</i> , <b>2016</b> , 76, 526	4.2	16
852	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> , <b>2016</b> , 76, 541	4.2	7
851	Search for the Higgs boson produced in association with a boson and decaying to four -quarks via two spin-zero particles in collisions at 13 TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 605	4.2	16
850	Muon reconstruction performance of the ATLAS detector in proton-proton collision data at [Formula: see text]=13 TeV. <i>European Physical Journal C</i> , <b>2016</b> , 76, 292	4.2	263
849	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> , <b>2016</b> , 76, 658	4.2	26
848	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> , <b>2016</b> , 76, 565	4.2	20
847	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> , <b>2016</b> , 2016, 1	5.4	25
846	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> , <b>2016</b> , 2016, 1	5.4	59
845	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> , <b>2016</b> , 76, 12	4.2	16
844	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> , <b>2016</b> , 76, 87	4.2	18
843	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> , <b>2016</b> , 76, 81	4.2	7
842	Search for charged Higgs bosons in the $H \rightarrow tb$ decay channel in pp collisions at ( $\sqrt{s}$ =8) TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	33
841	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> , <b>2016</b> , 76, 513	4.2	27
840	Search for supersymmetry in a final state containing two photons and missing transverse momentum in [Formula: see text] 3 TeV [Formula: see text] collisions at the LHC using the ATLAS detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 517	4.2	17
839	Search for resonances in diphoton events at ( $\sqrt{s}$ =13) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	49
838	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> , <b>2016</b> , 76, 442	4.2	24
837	Measurement of the relative width difference of the ( $B^0$ ) system with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	5
836	Tevatron constraints on models of the Higgs boson with exotic spin and parity using decays to bottom-antibottom quark pairs. <i>Physical Review Letters</i> , <b>2015</b> , 114, 151802	7.4	3

835	Constraints on models of the Higgs boson with exotic spin and parity using decays to bottom-antibottom quarks in the full CDF data set. <i>Physical Review Letters</i> , <b>2015</b> , 114, 141802	7.4	1
834	Studies of high-transverse momentum jet substructure and top quarks produced in 1.96 TeV proton-antiproton collisions. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	1
833	Search for production of an $\eta(1S)$ meson in association with a W or Z boson using the full 1.96 TeV $pp$ collision data set at CDF. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	5
832	Measurement of central exclusive $\eta$ production in $pp$ collisions at $\sqrt{s}=0.9$ and 1.96 TeV at CDF. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	19
831	Measurement of the transverse polarization of $\Lambda$ and $\Sigma$ hyperons produced in proton-proton collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	13
830	Jet energy measurement and its systematic uncertainty in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2015</b> , 75, 17	4.2	194
829	Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2015</b> , 75, 79	4.2	21
828	Search for resonant diboson production in the $WZ$ final state in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2015</b> , 75, 69	4.2	62
827	Measurements of the $WZ$ production cross sections in association with jets with the ATLAS detector. <i>European Physical Journal C</i> , <b>2015</b> , 75, 82	4.2	54
826	Search for dark matter in events with heavy quarks and missing transverse momentum in $pp$ collisions with the ATLAS detector. <i>European Physical Journal C</i> , <b>2015</b> , 75, 92	4.2	60
825	Measurement of the $t\bar{t}$ production cross-section as a function of jet multiplicity and jet transverse momentum in 7 TeV proton-proton collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	14
824	Measurement of the $WW + WZ$ cross section and limits on anomalous triple gauge couplings using final states with one lepton, missing transverse momentum, and two jets with the ATLAS detector at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	12
823	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> , <b>2015</b> , 2015, 1	5.4	29
822	Search for the $b\bar{b}$ decay of the Standard Model Higgs boson in associated $(W/Z)H$ production with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	64
821	Measurement of the inclusive jet cross-section in proton-proton collisions at $\sqrt{s}=7$ TeV using 4.5 $\text{fb}^{-1}$ of data with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	27
820	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> , <b>2015</b> , 2015, 1	5.4	45
819	Search for charged Higgs bosons decaying via $H \rightarrow \tau\tau$ 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> , <b>2015</b> , 2015, 1	5.4	56
818	Search for production of $WZ$ resonances decaying to a lepton, neutrino and jets in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2015</b> , 75, 209	4.2	73

817	Performance of the ATLAS muon trigger in pp collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , <b>2015</b> , 75, 120	4.2	51
816	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> , <b>2015</b> , 75, 412	4.2	66
815	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> , <b>2015</b> , 75, 231	4.2	15
814	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> , <b>2015</b> , 75, 299	4.2	202
813	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> , <b>2015</b> , 75, 263	4.2	46
812	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> , <b>2015</b> , 75, 228	4.2	18
811	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> , <b>2015</b> , 75, 335	4.2	56
810	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> , <b>2015</b> , 75, 303	4.2	49
809	Measurement of differential production cross sections for Z/ bosons in association with jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	7
808	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. <i>European Physical Journal C</i> , <b>2015</b> , 75, 476	4.2	104
807	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> , <b>2015</b> , 75, 229	4.2	38
806	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> , <b>2015</b> , 75, 349	4.2	94
805	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> , <b>2015</b> , 75, 318	4.2	44
804	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> , <b>2015</b> , 75, 362	4.2	22
803	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> , <b>2015</b> , 75, 466	4.2	28
802	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> , <b>2015</b> , 75, 330	4.2	32
801	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. <i>European Physical Journal C</i> , <b>2015</b> , 75, 510	4.2	109
800	Measurement of the top-quark mass in the tt dilepton channel using the full CDF Run II data set. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	4

799	Study of the energy dependence of the underlying event in proton-antiproton collisions. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	8
798	Tevatron Combination of Single-Top-Quark Cross Sections and Determination of the Magnitude of the Cabibbo-Kobayashi-Maskawa Matrix Element $V_{tb}$ . <i>Physical Review Letters</i> , <b>2015</b> , 115, 152003	7.4	23
797	Measurement of the production and differential cross sections of $W+W$ bosons in association with jets in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	3
796	Search for Resonances Decaying to Top and Bottom Quarks with the CDF Experiment. <i>Physical Review Letters</i> , <b>2015</b> , 115, 061801	7.4	5
795	Search for Dark Matter in Events with Missing Transverse Momentum and a Higgs Boson Decaying to Two Photons in $pp$ Collisions at $\sqrt{s}=8$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , <b>2015</b> , 115, 131801	7.4	32
794	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> , <b>2015</b> , 2015, 1	5.4	2
793	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> , <b>2015</b> , 2015, 1	5.4	22
792	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> , <b>2015</b> , 2015, 1	5.4	42
791	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> , <b>2015</b> , 2015, 1	5.4	46
790	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> , <b>2015</b> , 2015, 1-76	5.4	5
789	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> , <b>2015</b> , 2015, 1	5.4	57
788	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> , <b>2015</b> , 2015, 1	5.4	18
787	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> , <b>2015</b> , 2015, 1	5.4	49
786	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> , <b>2015</b> , 2015, 1	5.4	26
785	Constraints on new phenomena via Higgs boson couplings and invisible decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	91
784	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> , <b>2015</b> , 2015, 1-39	5.4	66
783	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> , <b>2015</b> , 2015, 1	5.4	31
782	Search for heavy Majorana neutrinos with the ATLAS detector in $pp$ collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	65

781	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> , <b>2015</b> , 2015, 1	5-4	54
780	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> , <b>2015</b> , 2015, 1	5-4	16
779	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> , <b>2015</b> , 2015, 1	5-4	55
778	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> , <b>2015</b> , 2015, 1	5-4	15
777	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> , <b>2015</b> , 2015, 1	5-4	16
776	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> , <b>2015</b> , 2015, 1-65	5-4	18
775	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> , <b>2015</b> , 2015, 1	5-4	22
774	Search for long-lived particles at LHC. <i>EPJ Web of Conferences</i> , <b>2015</b> , 96, 01015	0-3	
773	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> , <b>2015</b> , 2015, 1	5-4	37
772	Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	74
771	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> , <b>2015</b> , 2015, 1	5-4	16
770	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> , <b>2015</b> , 75, 165	4-2	25
769	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> , <b>2015</b> , 75, 158	4-2	8
768	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> , <b>2015</b> , 75, 208	4-2	50
767	Study of (W/Z)H production and Higgs boson couplings using $H \rightarrow WW^*$ decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	14
766	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> , <b>2015</b> , 75, 407	4-2	18
765	First measurement of the forward-backward asymmetry in bottom-quark pair production at high mass. <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	4
764	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> , <b>2015</b> , 75, 23	4-2	31

763	Measurement of the inclusive jet cross-section in proton-proton collisions at ( $\sqrt{s}=7$ ) TeV using 4.5 fb <sup>-1</sup> of data with the ATLAS detector <b>2015</b> , 2015, 1		3
762	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> , <b>2014</b> , 2014, 1	5.4	24
761	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> , <b>2014</b> , 2014, 1	5.4	29
760	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> , <b>2014</b> , 74, 2895	4.2	12
759	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2941	4.2	160
758	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> , <b>2014</b> , 74, 1	4.2	18
757	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> , <b>2014</b> , 74, 2982	4.2	18
756	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> , <b>2014</b> , 74, 3023	4.2	46
755	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> , <b>2014</b> , 2014, 1	5.4	14
754	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> , <b>2014</b> , 2014, 1	5.4	76
753	Measurement of the production cross section of prompt J/ $\psi$ mesons in association with a W $\pm$ boson in pp collisions at ( $\sqrt{s}$ ) = 7 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	24
752	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> , <b>2014</b> , 2014, 1	5.4	17
751	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> , <b>2014</b> , 2014, 1	5.4	37
750	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> , <b>2014</b> , 2014, 1	5.4	120
749	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> , <b>2014</b> , 2014, 1	5.4	39
748	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> , <b>2014</b> , 2014, 1	5.4	18
747	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> , <b>2014</b> , 2014, 1	5.4	52
746	Measurement of $\tau_1$ and $\tau_2$ production with ( $\sqrt{s}$ ) = 7 TeV pp collisions at ATLAS. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	26

745	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> , <b>2014</b> , 2014, 1	5.4	6
744	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> , <b>2014</b> , 2014, 1	5.4	4 <sup>0</sup>
743	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> , <b>2014</b> , 74, 2883	4.2	4 <sup>1</sup>
742	Indirect measurement of $\sin^2 2\theta$ (or $M_W$ ) using $\mu\mu$ pairs from $\mu/Z$ bosons produced in $pp$ collisions at a center-of-momentum energy of 1.96 TeV. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	16
741	Observation of s-channel production of single top quarks at the Tevatron. <i>Physical Review Letters</i> , <b>2014</b> , 112, 231803	7.4	4 <sup>0</sup>
74 <sup>0</sup>	GPUs for real-time processing in HEP trigger systems. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 513, 012017	0.3	1
739	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> , <b>2014</b> , 2014, 1	5.4	67
738	Measurement of the single top quark production cross section and $ V_{tb} $ in events with one charged lepton, large missing transverse energy, and jets at CDF. <i>Physical Review Letters</i> , <b>2014</b> , 113, 261804	7.4	10
737	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> , <b>2014</b> , 74, 3130	4.2	166
736	Measurement of the top-quark mass in the all-hadronic channel using the full CDF data set. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	7
735	Measurement of indirect CP-violating asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays at CDF. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	11
734	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> , <b>2014</b> , 74, 3117	4.2	17
733	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> , <b>2014</b> , 74, 3168	4.2	16
732	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> , <b>2014</b> , 2014, 1	5.4	3 <sup>0</sup>
731	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb <sup>-1</sup> of $(\sqrt{s}) = 8$ TeV proton-proton collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	9
730	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> , <b>2014</b> , 2014, 1	5.4	108
729	Measurement of the [Formula: see text] production cross-section using [Formula: see text] events with [Formula: see text]-tagged jets in [Formula: see text] collisions at [Formula: see text] and 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2014</b> , 74, 3109	4.2	107
728	Mass and lifetime measurements of bottom and charm baryons in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	18



727	Measurement of the ZZ production cross section using the full CDF II data set. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	7
726	Invariant-mass distribution of jet pairs produced in association with a W boson in pp collisions at $\sqrt{s}=1.96$ TeV using the full CDF Run II data set. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	5
725	Combination of measurements of the top-quark pair production cross section from the Tevatron Collider. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	47
724	Search for new physics in trilepton events and limits on the associated chargino-neutralino production at CDF. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	2
723	Measurement of the inclusive leptonic asymmetry in top-quark pairs that decay to two charged leptons at CDF. <i>Physical Review Letters</i> , <b>2014</b> , 113, 042001	7.4	22
722	Study of top quark production and decays involving a tau lepton at CDF and limits on a charged Higgs boson contribution. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	10
721	First search for exotic Z Boson decays into photons and neutral pions in hadron collisions. <i>Physical Review Letters</i> , <b>2014</b> , 112, 111803	7.4	9
720	Measurement of $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ in top-quark-pair decays using dilepton events and the full CDF Run II data set. <i>Physical Review Letters</i> , <b>2014</b> , 112, 221801	7.4	11
719	Search for s-channel single-top-quark production in events with missing energy plus jets in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2014</b> , 112, 231805	7.4	9
718	Evidence for s-channel single-top-quark production in events with one charged lepton and two jets at CDF. <i>Physical Review Letters</i> , <b>2014</b> , 112, 231804	7.4	13
717	Study of orbitally excited B mesons and evidence for a new $B_c$ resonance. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	40
716	Search for dark matter in events with a hadronically decaying W or Z boson and missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , <b>2014</b> , 112, 041802	7.4	117
715	Precise measurement of the W-boson mass with the Collider Detector at Fermilab. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	16
714	Measurements of direct CP-violating asymmetries in charmless decays of bottom baryons. <i>Physical Review Letters</i> , <b>2014</b> , 113, 242001	7.4	23
713	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> , <b>2014</b> , 2014, 1	5.4	54
712	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at [Formula: see text]TeV in 2010. <i>European Physical Journal C</i> , <b>2014</b> , 74, 3034	4.2	45
711	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	160
710	Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton collisions at [Formula: see text]TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2014</b> , 74, 3134	4.2	31

709	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2014</b> , 74, 3157	4.2	52
708	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in [Formula: see text] collisions at [Formula: see text] TeV with the ATLAS detector. <i>European Physical Journal C</i> , <b>2014</b> , 74, 3195	4.2	21
707	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> , <b>2014</b> , 2014, 1	5.4	36
706	Measurement of the production cross-section of $(ZS) \rightarrow J/\psi + S$ in pp collisions at ( $\sqrt{s}$ ) = 7 TeV at ATLAS. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	16
705	Measurement of the Z/ $\tau$ boson transverse momentum distribution in pp collisions at ( $\sqrt{s}$ ) = 7 TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	79
704	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> , <b>2014</b> , 2014, 1	5.4	31
703	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> , <b>2014</b> , 2014, 1	5.4	26
702	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> , <b>2014</b> , 2014, 1	5.4	38
701	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> , <b>2014</b> , 2014, 1	5.4	29
700	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> , <b>2013</b> , 2013, 1	5.4	50
699	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> , <b>2013</b> , 2013, 1	5.4	34
698	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> , <b>2013</b> , 2013, 1	5.4	30
697	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> , <b>2013</b> , 2013, 1	5.4	124
696	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> , <b>2013</b> , 2013, 1	5.4	45
695	Search for charged Higgs bosons through the violation of lepton universality in ( $\tau$ ) events using pp collision data at ( $\sqrt{s}$ ) = 7 TeV with the ATLAS experiment. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	14
694	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> , <b>2013</b> , 2013, 1	5.4	47
693	Search for the Higgs boson in the all-hadronic final state using the full CDF data set. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	5
692	Measurement of splitting scales in $\rightarrow$ events at [Formula: see text] with the ATLAS detector. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2432	4.2	8

691	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> , <b>2013</b> , 73, 2465	4.2	76
690	W-boson polarization measurement in the $t\bar{t}$ dilepton channel using the CDF II detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 722, 48-54	4.2	3
689	Higgs boson studies at the Tevatron. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	73
688	Indirect measurement of $\sin 2\alpha$ ( $M_W$ ) using $e^+e^-$ pairs in the Z-boson region with $pp$ collisions at a center-of-momentum energy of 1.96 TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	14
687	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> , <b>2013</b> , 2013, 1	5.4	92
686	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> , <b>2013</b> , 2013, 1	5.4	64
685	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> , <b>2013</b> , 2013, 1	5.4	24
684	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> , <b>2013</b> , 2013, 1	5.4	43
683	Improved luminosity determination in collisions at [Formula: see text] using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2518	4.2	276
682	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> , <b>2013</b> , 73, 2509	4.2	71
681	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> , <b>2013</b> , 73, 2362	4.2	25
680	Jet energy measurement with the ATLAS detector in proton-proton collisions at ( $\sqrt{s}=7$ TeV). <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	209
679	Measurement of jet shapes in top-quark pair events at [Formula: see text] using the ATLAS detector. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2676	4.2	18
678	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> , <b>2013</b> , 2013, 1	5.4	143
677	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> , <b>2013</b> , 2013, 1	5.4	15
676	Measurement of W-boson polarization in top-quark decay using the full CDF Run II data set. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	15
675	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> , <b>2013</b> , 2013, 1	5.4	72
674	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> , <b>2013</b> , 2013, 1	5.4	44

673	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> , <b>2013</b> , 2013, 1	5-4	55
672	Search for direct chargino production in anomaly-mediated supersymmetry breaking models based on a disappearing-track signature in pp collisions at ( $\sqrt{s}=7\text{TeV}$ ) with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	15
671	Measurement with the ATLAS detector of multi-particle azimuthal correlations in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 725, 60-78	4-2	153
670	Measurements of top quark pair relative differential cross-sections with ATLAS in pp collisions at ( $\sqrt{s} = 7 \text{ TeV}$ ). <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4-2	55
669	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at ( $\sqrt{s} = 7 \text{ TeV}$ ). <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4-2	44
668	Measurement of the flavour composition of dijet events in pp collisions at ( $\sqrt{s}=7 \text{ TeV}$ ) with the ATLAS detector. <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4-2	12
667	Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4-2	41
666	Jet energy resolution in proton-proton collisions at [Formula: see text] recorded in 2010 with the ATLAS detector. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2306	4-2	153
665	Measurement of the [Formula: see text] production cross section in the tau + jets channel using the ATLAS detector. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2328	4-2	30
664	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> , <b>2013</b> , 15, 043009	2-9	15
663	Combination of searches for the Higgs boson using the full CDF data set. <i>Physical Review D</i> , <b>2013</b> , 88,	4-9	14
662	Measurement of the mass difference between top and antitop quarks. <i>Physical Review D</i> , <b>2013</b> , 87,	4-9	9
661	Search for supersymmetry with like-sign lepton-tau events at CDF. <i>Physical Review Letters</i> , <b>2013</b> , 110, 201802	7-4	4
660	Searches for the Higgs boson decaying to $W+W\rightarrow\mu\mu$ with the CDF II detector. <i>Physical Review D</i> , <b>2013</b> , 88,	4-9	6
659	Observation of $D^0\bar{D}^0$ mixing using the CDF II detector. <i>Physical Review Letters</i> , <b>2013</b> , 111, 231802	7-4	20
658	Updated search for the standard model Higgs boson in events with jets and missing transverse energy using the full CDF data set. <i>Physical Review D</i> , <b>2013</b> , 87,	4-9	12
657	Measurement of the top-quark pair-production cross section in events with two leptons and bottom-quark jets using the full CDF data set. <i>Physical Review D</i> , <b>2013</b> , 88,	4-9	11
656	Combination of CDF and D0 W-Boson mass measurements. <i>Physical Review D</i> , <b>2013</b> , 88,	4-9	39

655	Search for a dijet resonance in events with jets and missing transverse energy in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	2
654	Search for dark matter candidates and large extra dimensions in events with a photon and missing transverse momentum in pp collision data at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , <b>2013</b> , 110, 011802	7.4	99
653	Measurement of the cross section for prompt isolated diphoton production using the full CDF run II data sample. <i>Physical Review Letters</i> , <b>2013</b> , 110, 101801	7.4	16
652	Production of $K_S^0$ , $K^*(892)$ and $\phi(1020)$ in minimum bias events and $K_S^0$ and $\phi$ in jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	5
651	Signature-based search for delayed photons in exclusive photon plus missing transverse energy events from pp collisions with $s=1.96$ TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	4
650	Measurement of the cross section for direct-photon production in association with a heavy quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2013</b> , 111, 042003	7.4	21
649	Search for pair production of strongly interacting particles decaying to pairs of jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2013</b> , 111, 031802	7.4	25
648	Measurement of the Bc meson lifetime in the decay $B_c \rightarrow J/\psi$ <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	15
647	Top-quark mass measurement in events with jets and missing transverse energy using the full CDF data set. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	11
646	Measurement of the differential cross section $d\sigma/d(\cos(\theta))$ for Top-Quark Pair Production in pp Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2013</b> , 111, 182002	7.4	21
645	Evidence for a bottom baryon resonance $\Lambda_b^0$ in CDF data. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	24
644	Search for $B_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ decays with the full CDF Run II data set. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	16
643	Measurement of the leptonic asymmetry in tt events produced in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	29
642	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	96
641	Exclusion of exotic top-like quarks with $2/3$ electric charge using jet-charge tagging in single-lepton tt events at CDF. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	16
640	Observation of the production of a W boson in association with a single charm quark. <i>Physical Review Letters</i> , <b>2013</b> , 110, 071801	7.4	20
639	Direct measurement of the total decay width of the top quark. <i>Physical Review Letters</i> , <b>2013</b> , 111, 202001	7.4	27
638	Search for the production of ZW and ZZ boson pairs decaying into charged leptons and jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	4

637	Search for resonant top-antitop production in the lepton plus jets decay mode using the full CDF data set. <i>Physical Review Letters</i> , <b>2013</b> , 110, 121802	7.4	15
636	Search for a two-Higgs-boson doublet using a simplified model in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2013</b> , 110, 121801	7.4	4
635	Measurement of $R=B(t \rightarrow Wb)/B(t \rightarrow Wq)$ in top-quark-pair decays using lepton+jets events and the full CDF run II dataset. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	14
634	An additional study of multi-muon events produced in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 710, 278-283	4.2	
633	Search for decays of stopped, long-lived particles from 7 TeV pp collisions with the ATLAS detector. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	14
632	Measurement of the polarisation of W bosons produced with large transverse momentum in pp collisions at ( $\sqrt{s} = 7$ TeV) with the ATLAS experiment. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	31
631	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> , <b>2012</b> , 72, 2039	4.2	78
630	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> , <b>2012</b> , 72, 2040	4.2	10
629	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> , <b>2012</b> , 72, 2046	4.2	42
628	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> , <b>2012</b> , 72, 2056	4.2	78
627	Measurement of polarization in $\rightarrow$ decays with the ATLAS detector in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2062	4.2	17
626	Measurement of the cross section for top-quark pair production in pp collisions at ( $\sqrt{s} = 7$ TeV) with the ATLAS detector using final states with two high-p T leptons. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	43
625	Jet mass and substructure of inclusive jets in ( $\sqrt{s} = 7$ TeV) pp collisions with the ATLAS experiment. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	67
624	Measurement of inclusive two-particle angular correlations in pp collisions with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	10
623	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in 4.7 fb <sup>-1</sup> of ( $\sqrt{s} = 7$ TeV) proton-proton collisions. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	48
622	A search for ( $\overline{t}$ ) resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at ( $\sqrt{s} = 7$ ) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	39
621	Search for the Standard Model Higgs boson in the $H \rightarrow \tau\tau$ decay mode in ( $\sqrt{s} = 7$ TeV) pp collisions with ATLAS. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	37
620	A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at ( $\sqrt{s}=7$ TeV). <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	31

619	Search for scalar top quark production in ( $p\bar{p}$ ) collisions at ( $\sqrt{s}=1.96;\mathrm{TeV}$ ). <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5-4	16
618	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at ( $\sqrt{s}=7$ ) TeV with ATLAS. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5-4	11
617	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> , <b>2012</b> , 2012, 1	5-4	53
616	Search for high-mass resonances decaying to dilepton final states in pp collisions at ( $\sqrt{s}=7$ ) TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5-4	49
615	Search for anomalous production of prompt like-sign lepton pairs at ( $\sqrt{s}=7;\mathrm{TeV}$ ) with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5-4	16
614	Search for pair production of massive particles decaying into three quarks with the ATLAS detector in ( $\sqrt{s}=7;\mathrm{TeV}$ ) pp collisions at the LHC. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5-4	45
613	Search for R-parity-violating supersymmetry in events with four or more leptons in ( $\sqrt{s}=7;\mathrm{TeV}$ ) pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5-4	13
612	Search for WZ+ZZ production with missing transverse energy+jets with b enhancement at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	4
611	Search for standard model Higgs boson production in association with a W boson at CDF. <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	3
610	Measurement of CP-violating asymmetries in $D^0\rightarrow\pi^+\pi^-$ and $D^0\rightarrow K^+K^-$ decays at CDF. <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	57
609	Search for new phenomena in events with two Z bosons and missing transverse momentum in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	3
608	$K_S^0$ and $\bar{p}$ production in pp interactions at $s=0.9$ and 7 TeV measured with the ATLAS detector at the LHC. <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	20
607	Search for Higgs bosons produced in association with b quarks. <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	23
606	Measurement of the CP-violating phase $\arg(V_{cb}V_{cs}^*)$ in $B_s^0\rightarrow J/\psi$ decays with the CDF II detector. <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	32
605	Measurement of the masses and widths of the bottom baryons $\Lambda_b^0$ and $\Lambda_b^{*0}$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	22
604	Search for high-mass resonances decaying into ZZ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	11
603	Measurement of the b-hadron production cross section using decays to $\Lambda_b^0$ . <i>Nuclear Physics B</i> , <b>2012</b> , 864, 341-381	2.8	17
602	Measurement of the top quark mass in the all-hadronic mode at CDF. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 714, 24-31	4-2	15

601	Search for the standard model Higgs boson produced in association with a Z boson in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 715, 98-104	4.2	2
600	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	199
599	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at ( $\sqrt{s} = 7$ mbox{TeV}). <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	70
598	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at ( $\sqrt{s} = 7$ ~mathrm{TeV}). <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	13
597	Measurement of [Formula: see text] production with a veto on additional central jet activity in collisions at [Formula: see text] TeV using the ATLAS detector. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2043	4.2	82
596	A search for [Formula: see text] resonances with the ATLAS detector in 2.05 fb of proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2083	4.2	14
595	Search for second generation scalar leptoquarks in pp collisions at ( $\sqrt{s}=7$ ~mbox{TeV}) with the ATLAS detector. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	35
594	Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	13
593	Measurement of $W \mp Z$ production in proton-proton collisions at ( $\sqrt{s}=7$ ~mbox{TeV}) with the ATLAS detector. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	54
592	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> , <b>2012</b> , 72, 1	4.2	24
591	Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at ( $\sqrt{\mathbf{s}}=7$ mathrm{TeV}). <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	18
590	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> , <b>2012</b> , 72, 1	4.2	11
589	Search for light scalar top-quark pair production in final states with two leptons with the ATLAS detector in ( $\sqrt{s}=7$ mathrm{TeV}) proton-proton collisions. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	31
588	ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at ( $\sqrt{s} = 7$ mathrm{TeV}). <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	34
587	Search for doubly charged Higgs bosons in like-sign dilepton final states at ( $\sqrt{s} = 7$ mathrm{TeV}) with the ATLAS detector. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	104
586	Search for a Higgs boson in the diphoton final state using the full CDF data set from . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 717, 173-181	4.2	14
585	Precise measurement of the W-boson mass with the CDF II detector. <i>Physical Review Letters</i> , <b>2012</b> , 108, 151803	7.4	74
584	Performance of missing transverse momentum reconstruction in proton-proton collisions at ( $\sqrt{s} = 7$ ~mbox{TeV}) with ATLAS. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	217



583	Performance of the ATLAS Trigger System in 2010. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	232
582	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> , <b>2012</b> , 2012, 1	5.4	34
581	Search for charged Higgs bosons decaying via $H^\pm \rightarrow \bar{t}n$ ( $\overline{t}$ ) events using pp collision data at ( $\sqrt{s} = 7$ ; TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	112
580	Measurement of the W boson polarization in top quark decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	52
579	Forward-backward correlations and charged-particle azimuthal distributions in pp interactions using the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	23
578	Measurements of the angular distributions of muons from $\bar{t}$ decays in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 151802	7.4	37
577	Search for a Higgs boson in the diphoton final state in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 011801	7.4	5
576	Measurement of the azimuthal ordering of charged hadrons with the ATLAS detector. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	1
575	Transverse momentum cross section of $e+e\bar{\nu}_\mu$ pairs in the Z-boson region from pp collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	24
574	Observation of exclusive $\bar{t}$ production in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 081801	7.4	30
573	Search for new phenomena in tt events with large missing transverse momentum in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , <b>2012</b> , 108, 041805	7.4	46
572	Combination of the top-quark mass measurements from the Tevatron collider. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	104
571	Observation of a new $\chi(b)$ state in radiative transitions to $\chi(1S)$ and $\chi(2S)$ at ATLAS. <i>Physical Review Letters</i> , <b>2012</b> , 108, 152001	7.4	77
570	Search for the standard model Higgs boson decaying to a bb pair in events with no charged leptons and large missing transverse energy using the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 111805	7.4	12
569	Search for the standard model Higgs boson decaying to a bb pair in events with two oppositely charged leptons using the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 111803	7.4	25
568	Measurement of ZZ production in leptonic final states at $\sqrt{s}$ of 1.96 TeV at CDF. <i>Physical Review Letters</i> , <b>2012</b> , 108, 101801	7.4	20
567	Search for a heavy vector boson decaying to two gluons in pp collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	2
566	Underlying event characteristics and their dependence on jet size of charged-particle jet events in pp collisions at ( $s = 7$ TeV) with the ATLAS detector. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	11

565	Production of $\Lambda$ , $\Lambda^0$ , $\Xi$ , and $\Xi^0$ hyperons in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	2
564	Search for a low-mass standard model Higgs boson in the $\tau\tau$ decay channel in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 181804	7.4	12
563	Diffraction dijet production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	17
562	Precision top-quark mass measurement at CDF. <i>Physical Review Letters</i> , <b>2012</b> , 109, 152003	7.4	36
561	Search for a light Higgs boson decaying to long-lived weakly interacting particles in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , <b>2012</b> , 108, 251801	7.4	48
560	Measurements of the top-quark mass and the $t\bar{t}$ cross section in the hadronic $\tau$ jets decay channel at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 109, 192001	7.4	11
559	Search for the rare radiative decay $W \rightarrow \tau \nu$ in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	5
558	Search for dark matter in events with one jet and missing transverse energy in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 211804	7.4	63
557	Study of substructure of high transverse momentum jets produced in proton-antiproton collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	21
556	Search for standard model Higgs boson production in association with a $W$ boson using a matrix element technique at CDF in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	8
555	Search for anomalous production of multiple leptons in association with $W$ and $Z$ bosons at CDF. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	5
554	Search for heavy metastable particles decaying to jet pairs in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	14
553	Search for a heavy particle decaying to a top quark and a light quark in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 211805	7.4	11
552	Measurement of the difference in CP-violating asymmetries in $D(0) \rightarrow K(+)\bar{K}(-)$ and $D(0) \rightarrow \tau^+(\tau^-)\bar{\tau}$ decays at CDF. <i>Physical Review Letters</i> , <b>2012</b> , 109, 111801	7.4	77
551	Measurement of the bottom-strange meson mixing phase in the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 171802	7.4	46
550	Novel inclusive search for the Higgs boson in the four-lepton final state at CDF. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	7
549	Measurements of the angular distributions in the decays $B \rightarrow K^*(\tau^+\tau^-)$ at CDF. <i>Physical Review Letters</i> , <b>2012</b> , 108, 081807	7.4	89
548	Search for the standard model Higgs boson produced in association with a $W\tau$ boson with 7.5 $\text{fb}^{-1}$ integrated luminosity at CDF. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	8

547	Search for the standard model Higgs boson decaying to a bb pair in events with one charged lepton and large missing transverse energy using the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 111802	7.4	25
546	Search for a dark matter candidate produced in association with a single top quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 201802	7.4	15
545	Combined search for the standard model Higgs boson decaying to a bb pair using the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 111802	7.4	22
544	Measurement of the WZ cross section and triple gauge couplings in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	24
543	Measurement of $B_s^0 \rightarrow D_s^{(*)} + D_s^{(*)-}$ branching ratios. <i>Physical Review Letters</i> , <b>2012</b> , 108, 201801	7.4	15
542	Measurement of CP-violation asymmetries in $D^0 \rightarrow K_S^0 \pi^+ \pi^-$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	10
541	Search for the standard model Higgs Boson produced in association with top quarks using the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 181802	7.4	13
540	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	219
539	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> , <b>2011</b> , 71, 1	4.2	103
538	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> , <b>2011</b> , 71, 1	4.2	138
537	Studies of the performance of the ATLAS detector using cosmic-ray muons. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	16
536	Luminosity determination in pp collisions at $(\sqrt{s} = 7)$ TeV using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	167
535	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> , <b>2011</b> , 71, 1	4.2	30
534	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> , <b>2011</b> , 71, 1	4.2	18
533	Test of the $\Lambda$ model of Bose-Einstein correlations and reconstruction of the source function in hadronic Z-boson decay at LEP. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	13
532	Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $(\sqrt{s}=7 \sim \text{TeV})$ proton-proton collisions with the ATLAS experiment. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	41
531	Improved determination of the sample composition of dimuon events produced in $(p\bar{p})$ collisions at $(\sqrt{s}=1.96)$ TeV. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	1
530	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> , <b>2011</b> , 71, 1	4.2	37

529	Search for diphoton events with large missing transverse energy with 36 pb <sup>-1</sup> of 7 TeV proton-proton collision data with the ATLAS detector. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	15
528	Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	44
527	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> , <b>2011</b> , 71, 1	4.2	51
526	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb <sup>-1</sup> of ATLAS data. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	13
525	Search for massive colored scalars in four-jet final states in ( $\sqrt{s}=7\text{ TeV}$ ) proton-proton collisions with the ATLAS detector. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	37
524	Measurement of the inclusive and dijet cross-sections of b-jets in pp collisions at ( $\sqrt{s}=7\text{ TeV}$ ) with the ATLAS detector. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	53
523	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> , <b>2011</b> , 2011, 1	5.4	11
522	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> , <b>2011</b> , 2011, 1	5.4	31
521	Generalized event shape and energy flow studies in e+e- annihilation at ( $\sqrt{s} = 91.2 - 208.0$ ) GeV. <i>Journal of High Energy Physics</i> , <b>2011</b> , 2011, 1	5.4	1
520	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> , <b>2011</b> , 2011, 1	5.4	60
519	Measurements of the properties of $\Lambda(2595)$ , $\Lambda(2625)$ , $\Lambda(2455)$ , and $\Lambda(2520)$ baryons. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	42
518	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	16
517	Measurement of branching ratio and Bs0 lifetime in the decay Bs0 $\rightarrow$ J/ $\psi$ (980) at CDF. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	46
516	Top quark mass measurement using the template method at CDF. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	22
515	Measurement of tt spin correlation in pp collisions using the CDF II detector at the Tevatron. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	42
514	Search for B(s)(0) $\rightarrow$ $\mu^+\mu^-$ and B(0) $\rightarrow$ $\mu^+\mu^-$ decays with CDF II. <i>Physical Review Letters</i> , <b>2011</b> , 107, 191801	7.4	64
513	Measurement of the top-quark mass in the lepton+jets channel using a matrix element technique with the CDF II detector. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	7
512	Search for the Higgs boson in the all-hadronic final state using the CDF II detector. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	3

511	Measurement of event shapes in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	11
510	Measurement of the $t\bar{t}$ production cross section with an in situ calibration of b-jet identification efficiency. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	5
509	Measurement of underlying event characteristics using charged particles in pp collisions at $\sqrt{s}=900$ GeV and 7 TeV with the ATLAS detector. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	44
508	Measurement of the top quark mass in the lepton+jets channel using the lepton transverse momentum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 698, 371-379	4.2	8
507	Charged-particle multiplicities in pp interactions measured with the ATLAS detector at the LHC. <i>New Journal of Physics</i> , <b>2011</b> , 13, 053033	2.9	259
506	Measurement of the forward-backward asymmetry in the $B \rightarrow K^*(\ell^+\ell^-)$ decay and first observation of the $B(s)0 \rightarrow \ell^+\ell^-$ decay. <i>Physical Review Letters</i> , <b>2011</b> , 106, 161801	7.4	37
505	Search for a heavy topleike quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 261801	7.4	28
504	Invariant mass distribution of jet pairs produced in association with a W boson in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 106, 171801	7.4	105
503	Measurement of the B lifetime using a simulation free approach for trigger bias correction. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	7
502	Search for a new heavy gauge boson $W'$ with event signature electron+missing transverse energy in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	22
501	Search for heavy bottomlike quarks decaying to an electron or muon and jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 106, 141803	7.4	50
500	Measurement of b hadron lifetimes in exclusive decays containing a $J/\psi$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 106, 121804	7.4	23
499	Search for New $T'$ particles in final states with large jet multiplicities and missing transverse energy in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 191803	7.4	23
498	Search for new heavy particles decaying to $ZZ \rightarrow \ell\ell\ell\ell$ , $\ell\ell jj$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	7
497	Measurement of the top pair production cross section in the lepton+jets channel using a jet flavor discriminant. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	10
496	Search for resonant production of $t\bar{t}$ decaying to jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	13
495	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV using events with large missing transverse energy and jets. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	6
494	Measurement of the $B(s)0$ lifetime in fully and partially reconstructed $B(s)0 \rightarrow D(s)(\ell^+\ell^-)X$ decays in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 272001	7.4	11

493	First search for multijet resonances in $\sqrt{s} = 1.96$ TeV pp collisions. <i>Physical Review Letters</i> , <b>2011</b> , 107, 042001	7.4	35
492	Measurement of the cross section for prompt isolated diphoton production in pp collisions at square root( $s$ ) = 1.96 TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 102003	7.4	7
491	Measurement of polarization and search for CP violation in $B(s)0 \rightarrow \mu^+\mu^-$ decays. <i>Physical Review Letters</i> , <b>2011</b> , 107, 261802	7.4	24
490	Limits on anomalous trilinear gauge couplings in $Z \rightarrow \mu^+\mu^-$ events from pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 051802	7.4	24
489	Search for production of heavy particles decaying to top quarks and invisible particles in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 106, 191801	7.4	23
488	First measurement of the angular coefficients of Drell-Yan $e^+e^-$ pairs in the Z mass region from pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 106, 241801	7.4	38
487	Evidence for $t\bar{t}$ production and measurement of $\sigma(t\bar{t})/\sigma_{\text{had}}$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	22
486	Measurement of the cross section for prompt isolated diphoton production in pp collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	15
485	Search for a very light CP-odd Higgs boson in top quark decays from pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 031801	7.4	11
484	Observation of the baryonic flavor-changing neutral current decay $B(0) \rightarrow \mu^+\mu^-$ . <i>Physical Review Letters</i> , <b>2011</b> , 107, 201802	7.4	95
483	Publisher's Note: Search for $B_s0 \rightarrow \mu^+\mu^-$ and $B0 \rightarrow \mu^+\mu^-$ decays with CDF II [Phys. Rev. Lett. 107, 191801 (2011)]. <i>Physical Review Letters</i> , <b>2011</b> , 107,	7.4	34
482	Observation of $B_s0 \rightarrow J/\psi(892)0$ and $B_s0 \rightarrow J/\psi S0$ decays. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	20
481	Measurements of branching fraction ratios and CP-asymmetries in suppressed $B \rightarrow D(-\rightarrow K^+)K$ and $B \rightarrow D(-\rightarrow K^+)K$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	15
480	Search for new dielectron resonances and Randall-Sundrum gravitons at the collider detector at Fermilab. <i>Physical Review Letters</i> , <b>2011</b> , 107, 051801	7.4	19
479	Top-quark mass measurement using events with missing transverse energy and jets at CDF. <i>Physical Review Letters</i> , <b>2011</b> , 107, 232002	7.4	7
478	Measurements of direct CP violating asymmetries in charmless decays of strange bottom mesons and bottom baryons. <i>Physical Review Letters</i> , <b>2011</b> , 106, 181802	7.4	41
477	Observation of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , <b>2011</b> , 107, 102001	7.4	24
476	Measurement of the mass difference between t and $\bar{t}$ quarks. <i>Physical Review Letters</i> , <b>2011</b> , 106, 152001	7.4	24

475	Search for new physics in high pT like-sign dilepton events at CDF II. <i>Physical Review Letters</i> , <b>2011</b> , 107, 181801	7.4	16
474	Search for high mass resonances decaying to muon pairs in $\sqrt{s}=1.96$ TeV pp collisions. <i>Physical Review Letters</i> , <b>2011</b> , 106, 121801	7.4	26
473	Search for R-parity violating decays of sneutrinos to $e\bar{e}$ and $e\bar{\mu}$ pairs in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2010</b> , 105, 191801	7.4	17
472	Search for technicolor particles produced in association with a W Boson at CDF. <i>Physical Review Letters</i> , <b>2010</b> , 104, 111802	7.4	6
471	Inclusive search for standard model Higgs boson production in the WW decay channel using the CDF II detector. <i>Physical Review Letters</i> , <b>2010</b> , 104, 061803	7.4	35
470	Measurement of the $\Lambda_{b0}$ lifetime in $\Lambda_{b0} \rightarrow \Lambda_{c0} + \pi^-$ decays in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2010</b> , 104, 102002	7.4	24
469	Search for the production of scalar bottom quarks in pp collisions at square root( $s$ ) = 1.96 TeV. <i>Physical Review Letters</i> , <b>2010</b> , 105, 081802	7.4	23
468	Search for pair production of supersymmetric top quarks in dilepton events from pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2010</b> , 104, 251801	7.4	27
467	Improved search for a Higgs boson produced in association with $Z \rightarrow l^+ l^-$ in pp collisions $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2010</b> , 105, 251802	7.4	9
466	Measurement of the $W^+ W^-$ production cross section and search for anomalous $WW$ and $WWZ$ couplings in pp collisions at square root( $s$ )=1.96 TeV. <i>Physical Review Letters</i> , <b>2010</b> , 104, 201801	7.4	55
465	Measurement of the $WW + WZ$ production cross section using the lepton + jets final state at CDF II. <i>Physical Review Letters</i> , <b>2010</b> , 104, 101801	7.4	21
464	Exclusion of an exotic top quark with $-4/3$ electric charge using soft lepton tagging. <i>Physical Review Letters</i> , <b>2010</b> , 105, 101801	7.4	14
463	Measurement of W-boson polarization in Top-Quark Decay in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2010</b> , 105, 042002	7.4	30
462	Search for the Higgs boson using neural networks in events with missing energy and b-quark jets in pp collisions at square root( $s$ ) = 1.96 TeV. <i>Physical Review Letters</i> , <b>2010</b> , 104, 141801	7.4	10
461	First measurement of the b-jet cross section in events with a W boson in pp collisions at square root( $s$ ) = 1.96 TeV. <i>Physical Review Letters</i> , <b>2010</b> , 104, 131801	7.4	32
460	Measurement of the top quark mass and $pp \rightarrow t\bar{t}$ cross section in the all-hadronic mode with the CDF II detector. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	25
459	Measurement of the $WW+WZ$ production cross section using a matrix element technique in lepton+jets events. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	8
458	Search for WW and WZ resonances decaying to electron, missing $E(T)$ , and two jets in pp collisions at square root( $s$ ) = 1.96 TeV. <i>Physical Review Letters</i> , <b>2010</b> , 104, 241801	7.4	26

457	Measurement of the ratio $\sigma(t\bar{t})/\sigma(Z/\gamma^* \rightarrow ll)$ and precise extraction of the $t\bar{t}$ cross section. <i>Physical Review Letters</i> , <b>2010</b> , 105, 012001	7-4	54
456	Search for new physics with a dijet plus missing $E(T)$ signature in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2010</b> , 105, 131801	7-4	8
455	Search for supersymmetry with gauge-mediated breaking in diphoton events with missing transverse energy at CDF II. <i>Physical Review Letters</i> , <b>2010</b> , 104, 011801	7-4	31
454	Search for new bottomlike quark pair decays $QQ \rightarrow (tW^{+(-)})(tW^{+(-)})$ in same-charge dilepton events. <i>Physical Review Letters</i> , <b>2010</b> , 104, 091801	7-4	70
453	Top quark mass measurement in the lepton + jets channel using a matrix element method and in situ jet energy calibration. <i>Physical Review Letters</i> , <b>2010</b> , 105, 252001	7-4	34
452	Combination of Tevatron searches for the standard model Higgs boson in the $W+W^-$ decay mode. <i>Physical Review Letters</i> , <b>2010</b> , 104, 061802	7-4	104
451	Diffractional $W$ and $Z$ production at the Fermilab Tevatron. <i>Physical Review D</i> , <b>2010</b> , 82,	4-9	23
450	Direct top-quark width measurement at CDF. <i>Physical Review Letters</i> , <b>2010</b> , 105, 232003	7-4	23
449	Search for the supersymmetric partner of the top quark in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4-9	19
448	Observation of single top quark production and measurement of $ V_{tb} $ with CDF. <i>Physical Review D</i> , <b>2010</b> , 82,	4-9	74
447	Studying the underlying event in Drell-Yan and high transverse momentum jet production at the Tevatron. <i>Physical Review D</i> , <b>2010</b> , 82,	4-9	45
446	Study of the associated production of photons and $b$ -quark jets in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2010</b> , 81,	4-9	20
445	Measurement of $Z/\gamma$ production in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4-9	7
444	Search for anomalous production of events with two photons and additional energetic objects at CDF. <i>Physical Review D</i> , <b>2010</b> , 82,	4-9	12
443	Measurement of the $t\bar{t}$ production cross section in $pp$ collisions at $\sqrt{s}=1.96$ TeV using soft electron $b$ -tagging. <i>Physical Review D</i> , <b>2010</b> , 81,	4-9	6
442	Measurement of the top pair production cross section in the dilepton decay channel in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4-9	28
441	Measurement of the top quark mass in the dilepton channel using $m_{T2}$ at CDF. <i>Physical Review D</i> , <b>2010</b> , 81,	4-9	21
440	Measurements of branching fraction ratios and CP asymmetries in $B_{\mu} \rightarrow DCPK_{\mu}$ decays in hadron collisions. <i>Physical Review D</i> , <b>2010</b> , 81,	4-9	21



439	Updated search for the flavor-changing neutral-current decay $D^0 \rightarrow \mu^+ \mu^-$ in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	7
438	Measurements of the top-quark mass using charged particle tracking. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	19
437	Search for single top quark production in $pp$ collisions at $\sqrt{s}=1.96$ TeV in the missing transverse energy plus jets topology. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	15
436	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. <i>European Physical Journal C</i> , <b>2010</b> , 70, 723-753	4.2	41
435	The ATLAS Inner Detector commissioning and calibration. <i>European Physical Journal C</i> , <b>2010</b> , 70, 787-821	4.2	70
434	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. <i>European Physical Journal C</i> , <b>2010</b> , 70, 755-785	4.2	12
433	Commissioning of the ATLAS Muon Spectrometer with cosmic rays. <i>European Physical Journal C</i> , <b>2010</b> , 70, 875-916	4.2	14
432	The ATLAS Simulation Infrastructure. <i>European Physical Journal C</i> , <b>2010</b> , 70, 823-874	4.2	817
431	Readiness of the ATLAS Tile Calorimeter for LHC collisions. <i>European Physical Journal C</i> , <b>2010</b> , 70, 1193-1236	4.2	82
430	Performance of the ATLAS detector using first collision data. <i>Journal of High Energy Physics</i> , <b>2010</b> , 2010, 1	5.4	14
429	Measurement of the $W \rightarrow \ell \bar{\nu}_\ell$ and $Z/\gamma \rightarrow \ell \bar{\ell}$ production cross sections in proton-proton collisions at ( $\sqrt{s} = 7$ ; {text{TeV}}) ) with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2010</b> , 2010, 1	5.4	58
428	Flavor physics in the quark sector. <i>Physics Reports</i> , <b>2010</b> , 494, 197-414	27.7	150
427	Search for new color-octet vector particle decaying to $\mu^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 691, 183-190	4.2	16
426	Measurement of $\sigma_{\text{had}}(Z)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 692, 232-239	4.2	63
425	Inclusive search for squark and gluino production in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 121801	7.4	64
424	Search for high-mass resonances decaying to dimuons at CDF. <i>Physical Review Letters</i> , <b>2009</b> , 102, 091805	7.4	83
423	First observation of $B(s)(0) \rightarrow D(s)(\pm)K(\mp)$ and measurement of the ratio of branching fractions $B(B(s)(0) \rightarrow D(s)(\pm)K(\mp))/B(B(s)(0) \rightarrow D(s)(\pm)\pi(\mp))$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 191802	7.4	17
422	Observation of new charmless decays of bottom hadrons. <i>Physical Review Letters</i> , <b>2009</b> , 103, 031801	7.4	40

4 <sup>21</sup>	First observation of vector boson pairs in a hadronic final state at the tevatron collider. <i>Physical Review Letters</i> , <b>2009</b> , 103, 091803	7.4	18
4 <sup>20</sup>	Search for Higgs bosons predicted in two-Higgs-doublet models via decays to tau lepton pairs in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , <b>2009</b> , 103, 201801	7.4	33
4 <sup>19</sup>	Direct bound on the total decay width of the top quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 042001	7.4	15
4 <sup>18</sup>	Search for long-lived massive charged particles in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , <b>2009</b> , 103, 021802	7.4	56
4 <sup>17</sup>	Search for maximal flavor violating scalars in same-charge lepton pairs in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 041801	7.4	22
4 <sup>16</sup>	Direct measurement of the W production charge asymmetry in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 181801	7.4	67
4 <sup>15</sup>	Search for the neutral current top quark decay $t \rightarrow Zc$ using the ratio of Z-boson+4 jets to W-boson+4 jets production. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	4
4 <sup>14</sup>	Measurement of resonance parameters of orbitally excited narrow B0 mesons. <i>Physical Review Letters</i> , <b>2009</b> , 102, 102003	7.4	32
4 <sup>13</sup>	Search for a Higgs boson decaying to two W bosons at CDF. <i>Physical Review Letters</i> , <b>2009</b> , 102, 021802	7.4	19
4 <sup>12</sup>	Search for anomalous production of events with a photon, jet, b-quark jet, and missing transverse energy. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	3
4 <sup>11</sup>	Search for exclusive Z-boson production and observation of high-mass $pp \rightarrow p\gamma\gamma p$ events in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 222002	7.4	54
4 <sup>10</sup>	Search for the production of narrow $t\bar{b}$ resonances in 1.9 fb <sup>-1</sup> of pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 103, 041801	7.4	50
4 <sup>09</sup>	Evidence for a narrow near-threshold structure in the $J/\psi\pi\pi$ mass spectrum in $B_{\{+}\} \rightarrow J/\psi\pi\pi K_{\{+}\}$ decays. <i>Physical Review Letters</i> , <b>2009</b> , 102, 242002	7.4	211
4 <sup>08</sup>	Measurement of cross sections for b jet production in events with a Z boson in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	26
4 <sup>07</sup>	Search for a standard model Higgs boson in $WH \rightarrow \nu b\bar{b}$ in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 103, 101802	7.4	30
4 <sup>06</sup>	Precision measurement of the X(3872) mass in $J/\psi\pi^+\pi^-$ decays. <i>Physical Review Letters</i> , <b>2009</b> , 103, 152001	7.4	71
4 <sup>05</sup>	Search for the decays $B_{\{s\};\{0\}} \rightarrow e_{\{+}\}\mu_{\{-}\}$ and $B_{\{s\};\{0\}} \rightarrow e_{\{+}\}e_{\{-}\}$ in CDF run II. <i>Physical Review Letters</i> , <b>2009</b> , 102, 201801	7.4	31
4 <sup>04</sup>	Top quark mass measurement in the lepton plus jets channel using a modified matrix element method. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	15

403	Search for top-quark production via flavor-changing neutral currents in W+1 jet events at CDF. <i>Physical Review Letters</i> , <b>2009</b> , 102, 151801	7.4	51
402	Observation of exclusive charmonium production and $\gamma\gamma \rightarrow \mu^+\mu^-$ in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 242001	7.4	126
401	Measurement of the $k(T)$ distribution of particles in jets produced in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 232002	7.4	10
400	Search for Gluino-Mediated Bottom Squark Production in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 221801	7.4	13
399	First measurement of the $tt$ differential cross section $d\sigma/dM_{tt}$ in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 222003	7.4	113
398	Search for new physics in the $\mu e/\mu E$ T channel with a low- $p_T$ lepton threshold at the Collider Detector at Fermilab. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	5
397	Search for high-mass $e+e^-$ resonances in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 031801	7.4	55
396	Search for the associated production of the standard-model Higgs Boson in the all-hadronic channel. <i>Physical Review Letters</i> , <b>2009</b> , 103, 221801	7.4	9
395	Search for a fermiophobic Higgs boson decaying into diphotons in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 103, 061803	7.4	24
394	Measurement of the top-quark mass with dilepton events selected using neuroevolution at CDF. <i>Physical Review Letters</i> , <b>2009</b> , 102, 152001	7.4	38
393	Observation of electroweak single top-quark production. <i>Physical Review Letters</i> , <b>2009</b> , 103, 092002	7.4	174
392	First measurement of the ratio of branching fractions $B(B^0 \rightarrow \bar{D}^+ \pi^-)/B(B^0 \rightarrow \bar{D}^+ \pi^0)$ <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	16
391	Search for charged Higgs bosons in decays of top quarks in $pp$ collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 103, 101803	7.4	87
390	Measurement of W-boson helicity fractions in top-quark decays using $\cos\theta$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2009</b> , 674, 160-167	4.2	17
389	Search for narrow resonances lighter than $\rho$ mesons. <i>European Physical Journal C</i> , <b>2009</b> , 62, 319-326	4.2	6
388	Observation of the $\Lambda_b$ baryon and measurement of the properties of the $\Lambda_b$ and $\Sigma_b$ baryons. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	41
387	Production of $(\eta, \eta')$ mesons in $pp$ collisions at 1.96 TeV. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	37
386	Search for new particles decaying into dijets in proton-antiproton collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	159

385	Measurement of the inclusive isolated prompt photon cross section in $pp$ collisions at $s=1.96$ TeV using the CDF detector. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	26
384	Search for the Higgs boson produced in association with $Z \rightarrow \mu\mu$ using the matrix element method at CDF II. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	9
383	Global search for new physics with $2.0 \text{ fb}^{-1}$ at CDF. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	44
382	Measurement of the $tt$ cross section in $pp$ collisions at $s=1.96$ TeV using dilepton events with a lepton plus track selection. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	11
381	Search for standard model Higgs boson production in association with a W boson using a neural network discriminant at CDF. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	6
380	Measurement of the ratio of branching fractions $B(B \rightarrow J/\psi)/B(B \rightarrow J/\psi K^0)$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	2
379	Search for the rare decays $B^+ \rightarrow \mu^+ K^+$ , $B^0 \rightarrow \mu^+ K^{*0}(892)$ , and $B_s^0 \rightarrow \mu^+$ at CDF. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	18
378	Measurement of the $tt$ production cross section in $2 \text{ fb}^{-1}$ of $pp$ collisions at $s=1.96$ TeV using lepton plus jets events with soft muon b tagging. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	13
377	Top quark mass measurement in the $tt$ all hadronic channel using a matrix element technique in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	10
376	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon b-tagged events. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	7
375	Search for WW and WZ production in lepton plus jets final state at CDF. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	1
374	Measurement of the fraction of $tt$ production via gluon-gluon fusion in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	12
373	Measurement of particle production and inclusive differential cross sections in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	43
372	First simultaneous measurement of the top quark mass in the lepton+jets and dilepton channels at CDF. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	25
371	Measurement of the b-hadron production cross section using decays to $D^0 X$ final states in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	18
370	Searching the inclusive $B \rightarrow T+b$ -quark signature for radiative top quark decay and non-standard-model processes. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	5
369	Measurement of the top quark mass at CDF using the $\mu$ neutrino $\tau$ weighting template method on a lepton plus isolated track sample. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	10
368	Measurement of inclusive jet cross sections in $Z/\gamma^*(\rightarrow e^+e^-) + \text{jets}$ production in $pp$ collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2008</b> , 100, 102001	7.4	60

367	Search for chargino-neutralino production in pp collisions at $s=1.96$ TeV with high-pT leptons. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	11
366	The ATLAS Muon Trigger $\mu$ lice <i>IEEE Transactions on Nuclear Science</i> , <b>2008</b> , 55, 151-157	1.7	2
365	Observation of exclusive dijet production at the Fermilab Tevatron p p collider. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	62
364	First run II measurement of the W boson mass at the Fermilab Tevatron. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	44
363	Limits on the production of narrow tt resonances in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	34
362	First measurement of the fraction of top-quark pair production through gluon-gluon fusion. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	9
361	Measurement of the cross section for W-boson production in association with jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	59
360	Search for heavy, long-lived neutralinos that decay to photons at CDF II using photon timing. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	14
359	Search for third generation vector leptoquarks in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	13
358	Search for new heavy particles decaying to ZZ $\rightarrow$ eeee in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	4
357	Cross section measurements of high-pT dilepton final-state processes using a global fitting method. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	8
356	Model-independent and quasi-model-independent search for new physics at CDF. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	30
355	First measurement of W boson production in association with a single Charm quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2008</b> , 100, 091803	7.4	32
354	Measurement of the inclusive jet cross section at the Fermilab Tevatron pp collider using a cone-based jet algorithm. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	119
353	Search for Bs0 $\rightarrow$ micro+ micro- and B0 $\rightarrow$ micro+ micro- decays with 2 fb <sup>-1</sup> of pp collisions. <i>Physical Review Letters</i> , <b>2008</b> , 100, 101802	7.4	164
352	Search for the Higgs boson in events with missing transverse energy and b quark jets produced in pp collisions at square root(s)=1.96 TeV. <i>Physical Review Letters</i> , <b>2008</b> , 100, 211801	7.4	13
351	Search for standard model Higgs bosons produced in association with W bosons. <i>Physical Review Letters</i> , <b>2008</b> , 100, 041801	7.4	12
350	Search for pair production of scalar top quarks decaying to a tau lepton and a b quark in pp over collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2008</b> , 101, 071802	7.4	15

349	Measurement of the single-top-quark production cross section at CDF. <i>Physical Review Letters</i> , <b>2008</b> , 101, 252001	7-4	44
348	Measurement of b-jet shapes in inclusive jet production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2008</b> , 78,	4-9	9
347	Two-particle momentum correlations in jets produced in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2008</b> , 77,	4-9	9
346	Measurement of correlated $bb$ production in pp collisions at $\sqrt{s}=1.96$ GeV. <i>Physical Review D</i> , <b>2008</b> , 77,	4-9	22
345	Forward-backward asymmetry in top-quark production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2008</b> , 101, 202001	7-4	177
344	Measurement of ratios of fragmentation fractions for bottom hadrons in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2008</b> , 77,	4-9	26
343	First observation of the decay $B_s^0 \rightarrow D_s^- D_s^+$ and measurement of its branching ratio. <i>Physical Review Letters</i> , <b>2008</b> , 100, 021803	7-4	15
342	Search for supersymmetry in pp collisions at $\sqrt{s}=1.96$ TeV Using the trilepton signature for chargino-neutralino production. <i>Physical Review Letters</i> , <b>2008</b> , 101, 251801	7-4	52
341	Strong evidence for ZZ production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2008</b> , 100, 201801	7-4	28
340	Search for standard model Higgs boson production in association with a W boson at CDF. <i>Physical Review D</i> , <b>2008</b> , 78,	4-9	10
339	Search for the Higgs boson produced in association with $Z \rightarrow l+l$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2008</b> , 101, 251803	7-4	4
338	Measurement of Lifetime and Decay-Width Difference in $B_{\{s\};\{0\}} \rightarrow J/\psi \text{varphi}$ Decays. <i>Physical Review Letters</i> , <b>2008</b> , 100, 121803	7-4	36
337	Search for resonant $t\bar{t}$ production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2008</b> , 100, 231801	7-4	37
336	Observation of orbitally excited B(s) mesons. <i>Physical Review Letters</i> , <b>2008</b> , 100, 082001	7-4	73
335	Search for heavy toplike quarks using lepton plus jets events in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , <b>2008</b> , 100, 161803	7-4	30
334	Search for doubly charged Higgs bosons with lepton-flavor-violating decays involving tau leptons. <i>Physical Review Letters</i> , <b>2008</b> , 101, 121801	7-4	42
333	Search for the flavor-changing neutral-current decay $t \rightarrow Zq$ in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2008</b> , 101, 192002	7-4	50
332	Evidence for $D^0$ - $D^0$ mixing using the CDF II detector. <i>Physical Review Letters</i> , <b>2008</b> , 100, 121802	7-4	91

331	Observation of the decay $B_{c+/-} \rightarrow J/\psi \pi_{i+/-}$ and measurement of the $B_{c+/-}$ mass. <i>Physical Review Letters</i> , <b>2008</b> , 100, 182002	7.4	90
330	Search for large extra dimensions in final states containing one photon or jet and large missing transverse energy produced in pp collisions at square root[s]=1.96 TeV. <i>Physical Review Letters</i> , <b>2008</b> , 101, 181602	7.4	72
329	First flavor-tagged determination of bounds on mixing-induced CP violation in $B_{s0} \rightarrow J/\psi \pi$ decays. <i>Physical Review Letters</i> , <b>2008</b> , 100, 161802	7.4	161
328	Direct measurement of the W Boson width in pover collisions at square roots = 1.96 TeV. <i>Physical Review Letters</i> , <b>2008</b> , 100, 071801	7.4	11
327	Cross-section-constrained top-quark mass measurement from dilepton events at the Tevatron. <i>Physical Review Letters</i> , <b>2008</b> , 100, 062005	7.4	15
326	Event reconstruction algorithms for the ATLAS trigger. <i>Journal of Physics: Conference Series</i> , <b>2008</b> , 119, 022022	0.3	
325	Integration of the trigger and data acquisition systems in ATLAS. <i>Journal of Physics: Conference Series</i> , <b>2008</b> , 119, 022001	0.3	2
324	Measurement of the B+ production cross section in pp collisions at s=1960 GeV. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	45
323	Precision measurement of the top-quark mass from dilepton events at CDF II. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	26
322	Search for W? boson decaying to electron-neutrino pairs in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	20
321	Search for new physics in lepton+photon+X events with 929 pb of pp collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	10
320	Search for exotic S=± baryons in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	7
319	Measurement of the top quark mass in pp collisions at s=1.96 TeV using the decay length technique. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	12
318	Measurement of the helicity fractions of W bosons from top quark decays using fully reconstructed tt events with CDF II. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	24
317	Measurements of inclusive W and Z cross sections in p collisions at sqrt{s} = 1.96 TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2007</b> , 34, 2457-2544	2.9	174
316	Limits on anomalous triple gauge couplings in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	16
315	Searches for direct pair production of supersymmetric top and supersymmetric bottom quarks in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	27
314	Measurement of the top-quark mass using missing ET+jets events with secondary vertex b-tagging at CDF II. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	7

313	Study of inclusive strange-baryon production and search for pentaquarks in two-photon collisions at LEP. <i>European Physical Journal C</i> , <b>2007</b> , 49, 395-410	4.2	5
312	Analysis of the quantum numbers $J(PC)$ of the $X(3872)$ particle. <i>Physical Review Letters</i> , <b>2007</b> , 98, 132002	7.4	159
311	Measurement of the $pp \rightarrow tt$ production cross section and the top quark mass at $s=1.96$ TeV in the all-hadronic decay mode. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	23
310	Search for exclusive $\gamma\gamma$ production in Hadron-Hadron collisions. <i>Physical Review Letters</i> , <b>2007</b> , 99, 242002	7.4	56
309	Measurement of the $\Lambda_b$ lifetime in $\Lambda_b \rightarrow J/\psi \Lambda$ in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 122001	7.4	22
308	Polarizations of $J/\psi$ and $\psi(2S)$ mesons produced in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 99, 132001	7.4	165
307	Measurement of the ratios of branching fractions $B(B_0^s \rightarrow D_s^- \pi^+ \pi^+ \pi^-)/B(B_0^s \rightarrow D^- \pi^+ \pi^+ \pi^-)$ and $B(B_0^s \rightarrow D_s^- \pi^+)/B(B_0^s \rightarrow D^- \pi^+)$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 061802	7.4	12
306	Measurement of the inclusive jet cross section using the $k_T$ algorithm in $pp$ collisions at $s=1.96$ TeV with the CDF II detector. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	89
305	Measurement of $\langle \sigma(pp \rightarrow Z) \rangle$ in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	23
304	Search for chargino-neutralino production in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 99, 191806	7.4	9
303	Search for $V+A$ current in top-quark decays in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 072001	7.4	21
302	Inclusive search for new physics with like-sign dilepton events in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 221803	7.4	39
301	Observation of the Heavy Baryons $\Sigma_b$ and $\Sigma_b^*$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 202001	7.4	93
300	Measurement of $\sigma(\Lambda_b)/\sigma(B_0) \times B(\Lambda_b \rightarrow \Lambda_c \pi)/B(B_0 \rightarrow D \pi)$ in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 122002	7.4	19
299	Search for anomalous production of multilepton events in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 131804	7.4	14
298	Search for new particles leading to $Z$ +jets final states in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	28
297	Search for new physics in high-mass electron-positron events in $pp$ collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 99, 171802	7.4	65
296	Observation of exclusive electron-positron production in hadron-hadron collisions. <i>Physical Review Letters</i> , <b>2007</b> , 98, 112001	7.4	67



295	First measurement of the W-boson mass in run II of the Tevatron. <i>Physical Review Letters</i> , <b>2007</b> , 99, 151801	7.4	37
294	Measurement of the top-quark mass in all-hadronic decays in pp collisions at CDF II. <i>Physical Review Letters</i> , <b>2007</b> , 98, 142001	7.4	24
293	Observation and mass measurement of the baryon $\Xi_{bb}$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 052002	7.4	80
292	Precise measurement of the top-quark mass in the lepton+jets topology at CDF II. <i>Physical Review Letters</i> , <b>2007</b> , 99, 182002	7.4	24
291	Search for heavy long-lived particles that decay to photons at CDF II. <i>Physical Review Letters</i> , <b>2007</b> , 99, 121801	7.4	20
290	Observation of WZ production. <i>Physical Review Letters</i> , <b>2007</b> , 98, 161801	7.4	33
289	Search for high-mass diphoton states and limits on Randall-Sundrum gravitons at CDF. <i>Physical Review Letters</i> , <b>2007</b> , 99, 171801	7.4	19
288	First measurement of the ratio of central-electron to forward-electron W partial cross sections in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 251801	7.4	2
287	Measurement of $\sigma(\chi_{c2} \rightarrow J/\psi \gamma) / \sigma(\chi_{c1} \rightarrow J/\psi \gamma)$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 232001	7.4	47
286	Publisher's Note: Measurement of the inclusive jet cross section using the kT algorithm in pp collisions at $\sqrt{s}=1.96$ TeV with the CDF II detector [Phys. Rev. D 75, 092006 (2007)]. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	19
285	A search for flaring very-high-energy cosmic ray sources with the L3+C muon spectrometer. <i>Astroparticle Physics</i> , <b>2006</b> , 25, 298-310	2.4	1
284	Search for high-mass resonances decaying to $e\mu$ in pp collisions at $\sqrt{s}=1.69$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 96, 211802	7.4	28
283	Evidence for the exclusive decay $B(c)^{\pm} \rightarrow J/\psi \pi^{\pm}$ and measurement of the mass of the $B(c)^{\pm}$ meson. <i>Physical Review Letters</i> , <b>2006</b> , 96, 082002	7.4	69
282	Precision top-quark mass measurement in the lepton+jets topology in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 96, 022004	7.4	30
281	Measurement of the ratios of branching fractions and. <i>Physical Review Letters</i> , <b>2006</b> , 96, 191801	7.4	14
280	Measurement of the inclusive jet cross section using the kT algorithm in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 96, 122001	7.4	33
279	Search for neutral Higgs bosons of the minimal supersymmetric standard model decaying to tau pairs in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 96, 011802	7.4	61
278	Top-quark mass measurement from dilepton events at CDF II. <i>Physical Review Letters</i> , <b>2006</b> , 96, 152002	7.4	21

277	Measurement of the tt production cross section in pp collisions at square root $s = 1.96$ TeV using missing $E(T) +$ jets events with secondary vertex b tagging. <i>Physical Review Letters</i> , <b>2006</b> , 96, 202002	7.4	14
276	Measurement of the tt production cross section in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 97, 082004	7.4	59
275	Search for large extra dimensions in the production of jets and missing transverse energy in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 97, 171802	7.4	41
274	Top quark mass measurement from dilepton events at CDF II with the matrix-element method. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	22
273	Measurement of the top quark mass using template methods on dilepton events in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	37
272	Search for a neutral Higgs boson decaying to a W boson pair in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 97, 081802	7.4	17
271	Measurement of the $B_c^+$ meson lifetime using the decay mode $B_c^+ \rightarrow J/\psi e^+ \nu_e$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 012002	7.4	66
270	Observation of $B(0)(s) \rightarrow \psi(2S)\phi$ and measurement of the ratio of branching fractions $\text{Beta}(B(0)(s) \rightarrow \psi(2S)\phi) / \text{Beta}(B(0)(s) \rightarrow J/\psi\phi)$ . <i>Physical Review Letters</i> , <b>2006</b> , 96, 231801	7.4	11
269	Measurement of the dipion mass spectrum in decays. <i>Physical Review Letters</i> , <b>2006</b> , 96, 102002	7.4	104
268	Search for Higgs bosons decaying to bb and produced in association with W bosons in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 96, 081803	7.4	9
267	Search for $Z' \rightarrow e^+ e^-$ using dielectron mass and angular distribution. <i>Physical Review Letters</i> , <b>2006</b> , 96, 211801	7.4	63
266	Search for charged Higgs bosons from top quark decays in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 96, 042003	7.4	101
265	Direct search for Dirac magnetic monopoles in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 96, 201801	7.4	37
264	Search for scalar bottom quarks from gluino decays in collisions at. <i>Physical Review Letters</i> , <b>2006</b> , 96, 171802	7.4	11
263	Observation of $B(s)0 \rightarrow K^+ K^-$ and measurements of branching fractions of charmless two-body decays of $B_0$ and $B(s)0$ mesons in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 97, 211802	7.4	50
262	Measurement of the $B_s0$ - $B_s0$ oscillation frequency. <i>Physical Review Letters</i> , <b>2006</b> , 97, 062003	7.4	133
261	Measurement of bottom-quark hadron masses in exclusive $J/\psi$ decays with the CDF detector. <i>Physical Review Letters</i> , <b>2006</b> , 96, 202001	7.4	78
260	Observation of $B_s(0)$ - $B_s(0)$ oscillations. <i>Physical Review Letters</i> , <b>2006</b> , 97, 242003	7.4	274

259	Measurement of the azimuthal angle distribution of leptons from W boson decays as a function of the W transverse momentum in pp collisions at s=1.8 TeV. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	8
258	Search for excited and exotic muons in the muon decay channel in p-p collisions at sqrt s=1.96 TeV. <i>Physical Review Letters</i> , <b>2006</b> , 97, 191802	7.4	14
257	Measurement of the helicity of W bosons in top-quark decays. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	17
256	Measurement of the ratio of branching fractions B(D0->K+pi)/B(D0->K0pi) using the CDF II detector. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	13
255	Search for second-generation scalar leptoquarks in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	21
254	Measurement of the top quark mass with the dynamical likelihood method using lepton plus jets events with b-tags in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	20
253	Measurement of the inclusive jet cross section in pp interactions at s=1.96 TeV using a cone-based jet algorithm. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	30
252	Search for new physics in lepton+photon+X events with 305 pb(-1) of pp collisions at [square root of s] = 1.96 TeV. <i>Physical Review Letters</i> , <b>2006</b> , 97, 031801	7.4	7
251	Measurement of the tt production cross section in pp collisions at s=1.96 TeV using lepton+jets events with jet probability b-tagging. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	68
250	Measurement of the b jet cross section in events with a Z boson in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	20
249	Measurement of the tt production cross section in pp collisions at s=1.96 TeV in the all hadronic decay mode. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	13
248	Search for anomalous semileptonic decay of heavy flavor hadrons produced in association with a W boson at CDF II. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	3
247	Measurement of mass and width of the excited charmed meson states D10 and D2*0 at CDF. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	15
246	Top quark mass measurement using the template method in the lepton+jets channel at CDF II. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	112
245	Analysis of the pi pi and pi pi pi final states in quasi-real two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 638, 128-139	4.2	3
244	A search for t->q in tt production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 639, 172-178	4.2	9
243	Search for neutral MSSM Higgs bosons at LEP. <i>European Physical Journal C</i> , <b>2006</b> , 47, 547	4.2	496
242	K0 and pi production studies in pp collisions at s=1800 and 630 GeV. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	23

241	Comparison of three-jet events in $pp$ collisions at $s=1.8$ TeV to predictions from a next-to-leading order QCD calculation. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	3
240	Measurement of the forward-backward charge asymmetry from $W \rightarrow e\bar{\nu}$ production in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	61
239	Study of jet shapes in inclusive jet production in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	58
238	Measurements of bottom-antibottom azimuthal production correlations in proton-antiproton collisions at $s=1.8$ TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	25
237	Measurement of the $t\bar{t}$ production cross section in $pp$ collisions at $s=1.96$ TeV using lepton plus jets events with semileptonic B decays to muons. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	31
236	Measurement of the forward-backward charge asymmetry of electron-positron pairs in $p\bar{p}$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	44
235	Search for scalar leptoquark pairs decaying to $lqq$ in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	7
234	Search for $B^0 \rightarrow p\bar{l}$ and $B^0 \rightarrow pK$ decays in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	3
233	Measurement of the $J/\psi$ meson and b-hadron production cross sections in $pp$ collisions at $s=1960$ GeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	596
232	Search for first-generation scalar leptoquarks in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	24
231	Measurement of the moments of the hadronic invariant mass distribution in semileptonic B decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	27
230	Measurement of the $t\bar{t}$ production cross section in $pp$ collisions at $s=1.96$ TeV using kinematic fitting of b-tagged lepton+jet events. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	28
229	Search for ZZ and ZW production in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	7
228	Search for anomalous production of diphoton events with missing transverse energy at CDF and limits on gauge-mediated supersymmetry-breaking models. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	21
227	Search for electroweak single-top-quark production in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	32
226	Measurement of the W boson polarization in top decay at CDF at $s=1.8$ TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	22
225	Search for an invisibly-decaying Higgs boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 609, 35-48	4.2	18
224	Z-boson production with two unobserved, back-to-back, hard photons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 613, 118-127	4.2	

223	Measurement of exclusive . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 615, 19-30	4.2	10
222	Compton scattering of quasi-real virtual photons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 616, 145-158	4.2	3
221	Neutral-current four-fermion production in $e+e$ interactions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 616, 159-173	4.2	2
220	Measurement of the cross section for open-beauty production in photon-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 619, 71-81	4.2	13
219	Measurement of the photon structure function . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 622, 249-264	4.2	3
218	Measurement of the running of the electromagnetic coupling at large momentum-transfer at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 623, 26-36	4.2	8
217	Search for excited and exotic electrons in the $e\gamma$ decay channel in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2005</b> , 94, 101802	7.4	25
216	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=1.96$ TeV using lepton + jets events with secondary vertex b -tagging. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	217
215	Publisher's Note: Measurement of the W boson polarization in top decay at CDF at $s=1.8$ TeV[Phys. Rev. D 71, 031101 (2005)]. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	3
214	Measurement of the cross section for $t\bar{t}$ production in pp collisions using the kinematics of lepton+jets events. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	34
213	Search for Higgs bosons decaying into bb and produced in association with a vector boson in pp collisions at square root of s = 1.8 TeV. <i>Physical Review Letters</i> , <b>2005</b> , 95, 051801	7.4	13
212	Measurement of the $W(+)W(-)$ production cross section in pp collisions at square root[s]=1.96 TeV using dilepton events. <i>Physical Review Letters</i> , <b>2005</b> , 94, 211801	7.4	23
211	Publisher's Note: Search for $B_s^0 \rightarrow \mu\mu$ and $B_d^0 \rightarrow \mu\mu$ Decays in pp Collisions with CDF II [Phys. Rev. Lett. 95, 221805 (2005)]. <i>Physical Review Letters</i> , <b>2005</b> , 95,	7.4	8
210	Measurement of $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ at the collider detector at fermilab. <i>Physical Review Letters</i> , <b>2005</b> , 95, 102002	7.4	38
209	Search for new physics using high-mass tau pairs from 1.96 TeV pp collisions. <i>Physical Review Letters</i> , <b>2005</b> , 95, 131801	7.4	38
208	Measurement of the lifetime difference between $B_s$ mass eigenstates. <i>Physical Review Letters</i> , <b>2005</b> , 94, 101803	7.4	50
207	Search for new high-mass particles decaying to Lepton pairs in pp collisions at square root s = 1.96 TeV. <i>Physical Review Letters</i> , <b>2005</b> , 95, 252001	7.4	39
206	Search for supersymmetric Higgs bosons in the di-tau decay mode in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	8

205	Evidence for $B_0 \rightarrow \phi \pi \pi$ decay and measurements of branching ratio and $A(\text{CP})$ for $B^+ \rightarrow \phi K^+$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 031801	7.4	31
204	Search for [corrected] $B_0(s) \rightarrow \mu^+ \mu^-$ and $B_0(d)$ [corrected] $\rightarrow \mu^+ \mu^-$ decays in pp collisions with CDF II. <i>Physical Review Letters</i> , <b>2005</b> , 95, 221805	7.4	33
203	Search for long-lived doubly charged Higgs bosons in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2005</b> , 95, 071801	7.4	27
202	First measurements of inclusive W and Z cross sections from run II of the Fermilab Tevatron collider. <i>Physical Review Letters</i> , <b>2005</b> , 94, 091803	7.4	97
201	Measurement of the cross section for prompt diphoton production in pp collisions at square root of $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2005</b> , 95, 022003	7.4	33
200	Measurement of partial widths and search for direct CP violation in $D_0$ meson decays to $K^- K^+$ and $\pi^- \pi^+$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 122001	7.4	36
199	Measurement of $W$ and $Z$ production in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2005</b> , 94, 041803	7.4	30
198	Observation of the narrow state $X(3872) \rightarrow J/\psi \pi \pi$ in pp collisions at square root of $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2004</b> , 93, 072001	7.4	469
197	Hadron collider triggers with high-quality tracking at very high event rates. <i>IEEE Transactions on Nuclear Science</i> , <b>2004</b> , 51, 391-400	1.7	11
196	Search for doubly charged Higgs bosons decaying to dileptons in pp collisions at square root of $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2004</b> , 93, 221802	7.4	88
195	Measurement of the average time-integrated mixing probability of b-flavored hadrons produced at the Fermilab Tevatron. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	14
194	Search for $B_0 \rightarrow \mu^+ \mu^-$ and $B_0 \rightarrow \mu^+ \mu^-$ decays in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2004</b> , 93, 032001	7.4	57
193	Search for Kaluza-Klein graviton emission in pp collisions at square root $s = 1.8$ TeV using the missing energy signature. <i>Physical Review Letters</i> , <b>2004</b> , 92, 121802	7.4	21
192	Optimized search for single-top-quark production at the Fermilab Tevatron. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	24
191	Measurement of the polar-angle distribution of leptons from W boson decay as a function of the W transverse momentum in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	9
190	Underlying event in hard interactions at the Fermilab Tevatron p-p collider. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	62
189	Heavy flavor properties of jets produced in pp interactions at $s=1.8$ TeV. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	15
188	Search for pair production of scalar top quarks in R-parity violating decay modes in pp collisions at square root of $s=1.8$ TeV. <i>Physical Review Letters</i> , <b>2004</b> , 92, 051803	7.4	18

187	Inclusive double-pomeron exchange at the fermilab tevatron p p collider. <i>Physical Review Letters</i> , <b>2004</b> , 93, 141601	7.4	10
186	Measurement of the tt production cross section in pp collisions at sqrt[s]=1.96 TeV using dilepton events. <i>Physical Review Letters</i> , <b>2004</b> , 93, 142001	7.4	55
185	Direct photon cross section with conversions at CDF. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	23
184	Inclusive search for anomalous production of high-pT like-sign lepton pairs in pp collisions at square root s = 1.8 TeV. <i>Physical Review Letters</i> , <b>2004</b> , 93, 061802	7.4	9
183	Measurement of the atmospheric muon spectrum from 20 to 3000 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 598, 15-32	4.2	79
182	Measurement of the Z-boson mass using e+e- to Z to lepton pairs events at centre-of-mass energies above the Z pole. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 585, 42-52	4.2	8
181	Muon-pair and tau-pair production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 585, 53-62	4.2	10
180	A Time-of-Flight detector in CDF-II. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2004</b> , 518, 605-608	1.2	28
179	Search for scalar leptons and scalar quarks at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 580, 37-49	4.2	80
178	Search for colour singlet and colour reconnection effects in hadronic Z decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 581, 19-30	4.2	7
177	Flavour independent search for neutral Higgs bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 583, 14-27	4.2	16
176	Single- and multi-photon events with missing energy in e+e- collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 587, 16-32	4.2	84
175	Inclusive Lambda production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 586, 140-150	4.2	1
174	Measurement of triple-gauge-boson couplings of the W boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 586, 151-166	4.2	42
173	Search for anomalous couplings in the Higgs sector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 589, 89-102	4.2	18
172	Search for branons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 597, 145-154	4.2	35
171	Measurement of the cross section of W-boson pair production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 600, 22-40	4.2	27
170	Inclusive jet production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 602, 157-166	4.2	7

169	Studies of hadronic event structure in e+e- annihilation from 30 to 209GeV with the L3 detector. <i>Physics Reports</i> , <b>2004</b> , 399, 71-174	27.7	79
168	Measurement of exclusive $\mu\mu$ production in two-photon collisions at high Q <sup>2</sup> at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 568, 11-22	4.2	26
167	Search for a Higgs boson decaying to weak boson pairs at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 568, 191-204	4.2	14
166	Search for charged Higgs bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 575, 208-220	4.2	37
165	Measurement of charged-particle multiplicity distributions and their Hq moments in hadronic Z decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 577, 109-119	4.2	13
164	Search for excited leptons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 568, 23-34	4.2	21
163	Proton-antiproton pair production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 571, 11-20	4.2	8
162	Z boson pair-production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 572, 133-144	4.2	15
161	Search for doubly-charged Higgs bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 576, 18-28	4.2	60
160	Inclusive charged hadron production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 554, 105-114	4.2	15
159	Measurement of W polarisation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 557, 147-156	4.2	16
158	Study of the e+e- → Ze+e- process at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 561, 73-81	4.2	2
157	Search for colour reconnection effects in e+e- → W+W- → hadrons through particle-flow studies at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 561, 202-212	4.2	15
156	The CDFII Time-of-Flight detector and impact on beauty flavor tagging. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2003</b> , 120, 219-224		1
155	Search for lepton flavor violating decays of a heavy neutral particle in p(-)p collisions at sqrt[s]=1.8 TeV. <i>Physical Review Letters</i> , <b>2003</b> , 91, 171602	7.4	9
154	Search for a W' boson decaying to a top and bottom quark pair in 1.8 TeV pp collisions. <i>Physical Review Letters</i> , <b>2003</b> , 90, 081802	7.4	20
153	Search for long-lived charged massive particles in pp collisions at square root s = 1.8 TeV. <i>Physical Review Letters</i> , <b>2003</b> , 90, 131801	7.4	46
152	Search for the supersymmetric partner of the top quark in dilepton events from pp collisions at square root of s=1.8 TeV. <i>Physical Review Letters</i> , <b>2003</b> , 90, 251801	7.4	17



151	Search for associated production of Upsilon and vector boson in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , <b>2003</b> , 90, 221803	7.4	11
150	Measurement of prompt charm meson production cross sections in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2003</b> , 91, 241804	7.4	125
149	Central pseudorapidity gaps in events with a leading antiproton at the Fermilab Tevatron pp collider. <i>Physical Review Letters</i> , <b>2003</b> , 91, 011802	7.4	8
148	Search for the flavor-changing neutral current decay $D^0 \rightarrow \mu^+ \mu^-$ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2003</b> , 68,	4.9	8
147	Measurement of the mass difference $m(D_s^+) - m(D^+)$ at CDF II. <i>Physical Review D</i> , <b>2003</b> , 68,	4.9	10
146	Inclusive $\eta$ and $K_S^0$ production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 524, 44-54	4.2	11
145	Bose-Einstein correlations of neutral and charged pions in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 524, 55-64	4.2	17
144	Search for R-parity violating decays of supersymmetric particles in $e^+e^-$ collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 524, 65-80	4.2	33
143	$f_1(1285)$ formation in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 526, 269-277	4.2	43
142	Study of the $W^+W^-$ process and limits on anomalous quartic gauge boson couplings at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 527, 29-38	4.2	32
141	Study of multiphoton final states and tests of QED in $e^+e^-$ collisions at $s$ up to 209 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 531, 28-38	4.2	10
140	Double-tag events in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 531, 39-51	4.2	18
139	Search for a Higgs boson decaying into two photons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 534, 28-38	4.2	21
138	Inclusive $D^{*\pm}$ production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 535, 59-69	4.2	8
137	$\eta$ and $\eta'$ pair production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 536, 24-33	4.2	12
136	Determination of $\eta$ s from hadronic event shapes in $e^+e^-$ annihilation at $\sqrt{s}=208$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 536, 217-228	4.2	31
135	The $e^+e^- \rightarrow Z^0 \rightarrow qq$ reaction at LEP and constraints on anomalous quartic gauge boson couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 540, 43-51	4.2	16
134	Measurement of genuine three-particle Bose-Einstein correlations in hadronic Z decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 540, 185-198	4.2	13

133	Search for neutral Higgs bosons of the minimal supersymmetric standard model in $e^+e^-$ interactions at up to 209 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 545, 30-42	4.2	13
132	Measurement of Bose-Einstein correlations in $e^+e^- \rightarrow W+W^-$ events at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 547, 139-150	4.2	21
131	The CDF-II time-of-flight detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 494, 416-423	1.2	17
130	Search for single top production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 549, 290-300	4.2	55
129	Light resonances in $K^0\bar{K}^0$ and $\eta\eta'$ final states in $e^+e^-$ collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 501, 1-11	4.2	38
128	$K^0\bar{K}^0$ final state in two-photon collisions and implications for glueballs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 501, 173-182	4.2	38
127	Search for neutral Higgs bosons of the minimal supersymmetric standard model in $e^+e^-$ interactions at $\sqrt{s}=192002$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 503, 21-33	4.2	8
126	Study of the process at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 505, 47-58	4.2	6
125	Search for the Standard Model Higgs boson in $e^+e^-$ collisions at up to 202 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 508, 225-236	4.2	15
124	Measurement of the charm production cross section in $e^+e^-$ collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 514, 19-28	4.2	15
123	Search for heavy isosinglet neutrino in $e^+e^-$ annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 517, 67-74	4.2	52
122	Search for heavy neutral and charged leptons in $e^+e^-$ annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 517, 75-85	4.2	106
121	Standard model Higgs boson with the L3 experiment at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 517, 319-331	4.2	44
120	Total cross section in $e^+e^-$ collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 519, 33-45	4.2	34
119	Design and performance tests of the CDF time-of-flight system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2001</b> , 461, 579-581	1.2	11
118	The time of flight detector at CDF. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2001</b> , 93, 344-347		4
117	Measurement of the tau branching fractions into leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 507, 47-60	4.2	10
116	A TIME-OF-FLIGHT DETECTOR FOR CDF. <i>International Journal of Modern Physics A</i> , <b>2001</b> , 16, 1119-1121	1.2	4

115	Hard-photon production and tests of QED at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 475, 198-205	4.2	7
114	Measurement of the running of the fine-structure constant. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 476, 40-48	4.2	17
113	Production of single W bosons at GeV and measurement of WW gauge couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 487, 229-240	4.2	9
112	Search for anomalous ZZ and Z couplings in the process $e^+e^- \rightarrow Z^0$ at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 489, 55-64	4.2	11
111	Search for manifestations of new physics in fermion-pair production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 489, 81-92	4.2	48
110	Determination of $\gamma Z$ interference in $e^+e^-$ annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 489, 93-101	4.2	3
109	Search for anomalous couplings in the Higgs sector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 489, 102-114	4.2	4
108	QCD studies in $e^+e^-$ annihilation from 30 GeV to 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 489, 65-80	4.2	21
107	Search for a Higgs boson decaying into two photons in $e^+e^-$ interactions at $s = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 489, 115-124	4.2	8
106	Measurement of the $W+W^-$ cross section and direct limits on anomalous quartic gauge boson couplings at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 490, 187-195	4.2	13
105	Measurement of Bose-Einstein correlations in $e^+e^- \rightarrow W+W^-$ at $\sqrt{s} = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 493, 233-248	4.2	14
104	Higgs candidates in $e^+e^-$ interactions at $\sqrt{s} = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 495, 18-25	4.2	68
103	Search for excited leptons at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 473, 177-185	4.2	4
102	Search for charginos and neutralinos in $e^+e^-$ collisions at $\sqrt{s} = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 472, 420-433	4.2	49
101	Searches for scalar top and scalar bottom quarks in $e^+e^-$ interactions at 161 GeV and 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 445, 428-438	4.2	11
100	Measurement of the $e^+e^- \rightarrow Z \rightarrow b\bar{b}$ forward-backward asymmetry and the $B_0 B_0$ mixing parameter using prompt leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 448, 152-162	4.2	11
99	$B_2$ formation in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 453, 73-82	4.2	19
98	Heavy quarkonium production in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 453, 94-106	4.2	12

97	Measurement of mass and width of the W boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 454, 386-398	4.2	20
96	Measurement of an elongation of the pion source in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 458, 517-528	4.2	33
95	Formation of the $\Upsilon$ in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 461, 155-166	4.2	21
94	Search for the standard model Higgs boson in $e+e\bar{e}$ interactions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 461, 376-386	4.2	17
93	Search for low scale gravity effects in $e+e\bar{e}$ collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 464, 135-144	4.2	45
92	Measurement of the spectroscopy of orbitally excited B mesons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 465, 323-334	4.2	21
91	Search for charged Higgs bosons in $e+e\bar{e}$ collisions at $s=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 466, 71-78	4.2	7
90	Measurement of inclusive $D^*\bar{D}$ production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 467, 137-146	4.2	10
89	Measurement of triple-gauge-boson couplings of the W boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 467, 171-184	4.2	19
88	Search for extra dimensions in boson and fermion pair production in $e+e\bar{e}$ interactions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 470, 281-288	4.2	41
87	The Q2 evolution of the hadronic photon structure function $F_2$ at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 447, 147-156	4.2	29
86	Study of neutral-current four-fermion and ZZ production in $e+e\bar{e}$ collisions at 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 450, 281-293	4.2	20
85	Inclusive charm production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 453, 83-93	4.2	20
84	Measurement of the cross-section for the process $\gamma\gamma \rightarrow$ hadrons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 453, 333-342	4.2	39
83	Search for R-parity violating chargino and neutralino decays in $e+e\bar{e}$ collisions up to $s=183$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 459, 354-366	4.2	7
82	Search for heavy isosinglet neutrinos in $e+e\bar{e}$ annihilation at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 461, 397-404	4.2	11
81	Study of Z boson pair production in $e+e\bar{e}$ collisions at LEP at $s=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 465, 363-375	4.2	20
80	Single and multi-photon events with missing energy in $e+e\bar{e}$ collisions at $s=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 470, 268-280	4.2	36

79	Search for neutral Higgs bosons of the Minimal Supersymmetric Standard Model in $e+e^-$ interactions at $s=189\text{GeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 471, 321-331	4.2	4
78	Measurement of $\rho$ polarisation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 429, 387-398	4.2	12
77	Determination of the number of light neutrino species from single photon production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 431, 199-208	4.2	19
76	Measurement of the anomalous magnetic and electric dipole moments of the tau lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 434, 169-179	4.2	49
75	Measurement of W-pair cross sections in $e+e^-$ interactions at and W-decay branching fractions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 436, 437-452	4.2	17
74	Photon structure functions and azimuthal correlations of lepton pairs in tagged $\mu$ collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 438, 363-378	4.2	10
73	Measurement of $\Upsilon(958)$ formation in two-photon collisions at LEP1. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 418, 399-410	4.2	73
72	Measurement of the average lifetime of b-hadrons in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 416, 220-232	4.2	10
71	Measurement of the weak dipole moments of the $\mu$ lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 426, 207-216	4.2	18
70	Angular multiplicity fluctuations in hadronic Z decays and comparison to QCD models and analytical calculations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 428, 186-196	4.2	12
69	Local multiplicity fluctuations in hadronic Z decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 429, 375-386	4.2	4
68	Search for new physics phenomena in fermion-pair production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 433, 163-175	4.2	10
67	Study of anomalous $Z\mu$ and $Z\nu$ couplings at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 436, 187-198	4.2	18
66	Measurement of the inclusive charmless semileptonic branching fraction of beauty hadrons and a determination of $ V_{ub} $ at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 436, 174-186	4.2	32
65	Search for neutral Higgs bosons of the minimal supersymmetric standard model in $e+e^-$ interactions at $s = 130 - 183 \text{ GeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 436, 389-402	4.2	9
64	Study of the hadronic photon structure function $F_2$ at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 436, 403-416	4.2	43
63	Production of single W bosons in $e+e^-$ interactions at $130 \leq s \leq 183 \text{ GeV}$ and limits on anomalous $WW$ couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 436, 417-427	4.2	13
62	Measurement of the Michel parameters and the average tau-neutrino helicity from tau decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 438, 405-416	4.2	1

61	Upper limit on the lifetime difference of short- and long-lived B <sub>0</sub> s mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 438, 417-429</i>	4.2	12
60	Measurement of the effective weak mixing angle by jet-charge asymmetry in hadronic decays of the Z boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 439, 225-236</i>	4.2	13
59	Single and multi-photon events with missing energy in e <sup>+</sup> e <sup>-</sup> collisions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 444, 503-515</i>	4.2	23
58	Measurement of inclusive $\bar{c}$ and $\bar{b}$ production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 393, 465-476</i>	4.2	15
57	Study of hadronic events and measurements of $\bar{c}$ s between 30 and 91 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 411, 339-353</i>	4.2	16
56	Search for anomalous four-jet events in e <sup>+</sup> e <sup>-</sup> annihilation at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 411, 330-338</i>	4.2	1
55	Search for heavy neutral and charged leptons in e <sup>+</sup> e <sup>-</sup> annihilation at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 412, 189-200</i>	4.2	8
54	Hard-photon production at and 172 GeV at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 413, 159-166</i>	4.2	9
53	Search for neutral B meson decays to two charged leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 391, 474-480</i>	4.2	14
52	Search for exclusive B decays to J and $\bar{c}$ or $\bar{b}$ with the L3 detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 391, 481-490</i>	4.2	5
51	Study of the weak charged hadronic current in b decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 393, 477-486</i>	4.2	
50	Measurement of $\alpha_s$ and a new limit for $\alpha_s$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 396, 327-337</i>	4.2	56
49	Search for excited leptons in e <sup>+</sup> e <sup>-</sup> annihilation at s=161 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 139-149</i>	4.2	10
48	Production of single W bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 403, 168-176</i>	4.2	17
47	QCD studies and determination of $\bar{c}$ s in e <sup>+</sup> e <sup>-</sup> collisions at and 172 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 404, 390-402</i>	4.2	32
46	Inclusive J, $\bar{c}$ and $\bar{b}$ production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 351-360</i>	4.2	2
45	Measurement of W-pair cross sections in e <sup>+</sup> e <sup>-</sup> interactions at and W-decay branching fractions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 419-431</i>	4.2	10
44	Cross section of hadron production in $\bar{c}$ collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 408, 450-464</i>	4.2	39

43	Upsilon production in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 413, 167-175	4.2	2
42	Resonance formation in the $\mu\mu$ final state in two-photon collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 413, 147-158	4.2	17
41	Neutral-current four-fermion production in $e+e$ interactions at 130 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 413, 191-200	4.2	3
40	Search for R-parity breaking sneutrino exchange at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 414, 373-381	4.2	9
39	Measurement of the branching ratios $b \rightarrow e \bar{c} s$ , $b \rightarrow \bar{c} s$ and $b \rightarrow c \bar{s}$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 71, 379-389		2
38	Measurement of hadron and lepton-pair production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 370, 195-210	4.2	25
37	Search for excited leptons in $e+e$ annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 370, 211-221	4.2	16
36	Measurement of $\tau$ production in two and three-jet events from hadronic Z decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 371, 126-136	4.2	10
35	Study of the structure of hadronic events and determination of $\theta_S$ at $s = 130$ GeV and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 371, 137-148	4.2	40
34	Search for supersymmetric particles at 130 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 377, 289-303	4.2	25
33	Measurement of the Michel parameters and the average $\tau$ neutrino helicity from $\tau$ decays in $e+e \rightarrow \mu\mu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 377, 313-324	4.2	15
32	Observation of multiple hard photon final states at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 384, 323-332	4.2	10
31	Measurement of the $B_d^0$ meson oscillation frequency. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 383, 487-498	4.2	10
30	Search for neutral Higgs boson production through the process $e+e \rightarrow Z^* H^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 385, 454-470	4.2	44
29	Search for new particles in hadronic events with isolated photons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 388, 409-418	4.2	11
28	Measurement of the lifetime of the tau lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 389, 187-196	4.2	3
27	Energy and particle flow in three-jet and radiative two-jet events from hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 345, 74-84	4.2	10
26	Measurement of exclusive branching fractions of hadronic one-prong tau decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 345, 93-102	4.2	14

25	Measurement of energetic single-photon production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 346, 190-198	4.2	28
24	Search for neutralinos in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 350, 109-119	4.2	43
23	Measurement of the weak charged current structure in semileptonic b-hadron decays at the Z peak. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 351, 375-386	4.2	9
22	One-prong $\tau$ decays with neutral kaons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 352, 487-497	4.2	14
21	Tests of QED at LEP energies using $e+e \rightarrow \tau\tau$ and $e+e \rightarrow \tau\tau\tau$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 353, 136-144	4.2	25
20	Evidence for gluon interference in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 353, 145-154	4.2	11
19	Study of the KS0KS0 final state in two-photon collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 363, 118-126	4.2	16
18	Search for neutral charmless B decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 363, 127-136	4.2	20
17	Search for the decays $B_d^0 \rightarrow \tau\nu$ and $B_s^0 \rightarrow \tau\nu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 363, 137-144	4.2	12
16	$B^*$ production in Z decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 345, 589-597	4.2	24
15	Search for anomalous $Z \rightarrow \tau\tau$ events at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 345, 609-616	4.2	40
14	A measurement of $\tau$ polarization at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 341, 245-256	4.2	28
13	Measurement of the $B^0\bar{B}^0$ mixing parameter and the forward-backward asymmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 335, 542-553	4.2	17
12	Measurement of inclusive production of neutral hadrons from Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 328, 223-233	4.2	51
11	A study of four-fermion processes at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 321, 283-294	4.2	8
10	Measurement of the inclusive $b \rightarrow \bar{c}$ branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 332, 201-208	4.2	24
9	Measurement of cross sections and leptonic forward-backward asymmetries at the Z pole and determination of electroweak parameters. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1994</b> , 62, 551-573		50
8	Search for lepton flavour violation in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 316, 427-434	4.2	31



7	Measurement of the average lifetime of b hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 317, 474-484	4.2	16
6	Inclusive search for the charmless radiative decay of the b-quark ( $b \rightarrow s\gamma$ ). <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 317, 637-646	4.2	11
5	Measurement of $\tau$ production in untagged two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 318, 575-582	4.2	12
4	$\bar{\nu}_\tau$ production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 317, 467-473	4.2	20
3	An S matrix analysis of the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 315, 494-502	4.2	15
2	Determination of the number of light neutrino species. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 292, 463-471	4.2	22
1	Search for anomalous production of single-photon events in $e^+e^-$ annihilations at the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 297, 469-476	4.2	15