

Sebastian Grinstein

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5487705/publications.pdf>

Version: 2024-02-01

874
papers

40,212
citations

2963

93
h-index

8835

145
g-index

890
all docs

890
docs citations

890
times ranked

11082
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of the ATLAS Level-1 topological trigger in Run 2. European Physical Journal C, 2022, 82, 1.	1.4	6
2	Measurement of the c-jet mistagging efficiency in $\sqrt{s}=13$ TeV events using pp collision data at $\sqrt{s}=13$ TeV collected with the ATLAS detector. European Physical Journal C, 2022, 82, .	1.4	14
3	Search for exotic decays of the Higgs boson into $b\bar{b}$ and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, 1.	1.6	2
4	Observation of electroweak production of two jets in association with an isolated photon and missing transverse momentum, and search for a Higgs boson decaying into invisible particles at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, 1.	1.4	8
5	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with 139 fb^{-1} of pp collision data at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	10
6	AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	1.3	23
7	Measurement of the energy response of the ATLAS calorimeter to charged pions from $W^{\pm} \rightarrow \mu^{\pm} \nu_{\mu} (\rightarrow \pi^{\pm} \nu_{\mu}) \nu_{\tau}$ events in Run 2 data. European Physical Journal C, 2022, 82, 1.	1.4	4
8	The ATLAS inner detector trigger performance in pp collisions at $\sqrt{s}=13$ TeV during LHC Run 2. European Physical Journal C, 2022, 82, 1.	1.4	5
9	Characterization of Irradiated Boron, Carbon-Enriched and Gallium Si-on-Si Wafer Low Gain Avalanche Detectors. Instruments, 2022, 6, 2.	0.8	3
10	Search for flavour-changing neutral-current interactions of a top quark and a gluon in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, .	1.4	7
11	Measurement of the energy asymmetry in $t\bar{t}$ production at $\sqrt{s}=13$ TeV with the ATLAS experiment and interpretation in the SMEFT framework. European Physical Journal C, 2022, 82, .	1.4	2
12	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s} = 7, 8$ and 13 TeV. European Physical Journal C, 2022, 82, 1.	1.4	12
13	Measurement of hadronic event shapes in high-pT multijet final states at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
14	Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fb^{-1} of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	37
15	Differential cross-section measurements for the electroweak production of dijets in association with a Z boson in proton-proton collisions at ATLAS. European Physical Journal C, 2021, 81, 1.	1.4	12
16	Measurements of WH and ZH production in the $H \rightarrow b\bar{b}$ decay channel in pp collisions at $\sqrt{s}=13, 14$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	38
17	Search for dark matter in association with an energetic photon in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	18
18	Search for type-III seesaw heavy leptons in dilepton final states in pp collisions at $\sqrt{s} = 13, 14$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	17

#	ARTICLE	IF	CITATIONS
19	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb ⁻¹ of Pb+Pb data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	19
20	Search for Higgs boson production in association with a high-energy photon via vector-boson fusion with decay into bottom quark pairs at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	6
21	Search for new phenomena with top quark pairs in final states with one lepton, jets, and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	14
22	Search for new phenomena in events with two opposite-charge leptons, jets and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	22
23	Search for pair production of scalar leptoquarks decaying into first- or second-generation leptons and top quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	18
24	Optimisation of large-radius jet reconstruction for the ATLAS detector in 13 TeV proton-proton collisions. European Physical Journal C, 2021, 81, 1.	1.4	15
25	Novel 3D Pixel Sensors for the Upgrade of the ATLAS Inner Tracker. Frontiers in Physics, 2021, 9, .	1.0	12
26	Search for heavy resonances decaying into a pair of Z bosons in the $e^+e^- \rightarrow e^+e^- Z Z$ and $e^+e^- \rightarrow e^+e^- \gamma Z$ final states using 139 fb ⁻¹ of proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	40
27	Search for new phenomena in final states with b-jets and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	18
28	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $e^+e^- \rightarrow e^+e^- Z H$ and $e^+e^- \rightarrow e^+e^- W W$ final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	26
29	Search for doubly and singly charged Higgs bosons decaying into vector bosons in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	23
30	Measurements of $W+W\gamma$ + 1 jet production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8
31	Search for charged Higgs bosons decaying into a top quark and a bottom quark at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	46
32	Measurements of Higgs bosons decaying to bottom quarks from vector boson fusion production with the ATLAS experiment at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	14
33	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a τ -lepton in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	27
34	Search for supersymmetry in events with four or more charged leptons in 139 fb ⁻¹ of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	12
35	Determination of the parton distribution functions of the proton from ATLAS measurements of differential W_{\pm} and Z boson production in association with jets. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
36	Measurements of differential cross-sections in four-lepton events in 13 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8

#	ARTICLE	IF	CITATIONS
37	A search for the decays of stopped long-lived particles at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	5
38	Muon reconstruction and identification efficiency in ATLAS using the full Run 2 pp collision data set at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	82
39	Search for squarks and gluinos in final states with one isolated lepton, jets, and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	13
40	Measurement of single top-quark production in association with a W boson in the single-lepton channel at $\sqrt{s} = 8, \sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	3
41	Jet energy scale and resolution measured in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	64
42	Measurements of the inclusive and differential production cross sections of a top-quark-antiquark pair in association with a Z boson at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	12
43	Search for dark matter produced in association with a single top quark in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	9
44	Measurements of top-quark pair single- and double-differential cross-sections in the all-hadronic channel in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	14
45	Search for phenomena beyond the Standard Model in events with large b-jet multiplicity using the ATLAS detector at the LHC. European Physical Journal C, 2021, 81, 1.	1.4	5
46	Search for dark matter in events with missing transverse momentum and a Higgs boson decaying into two photons in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	12
47	Search for R-parity-violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment using $\sqrt{s} = 13$ TeV proton-proton collision data. European Physical Journal C, 2021, 81, 1.	1.4	7
48	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
49	Search for dark matter produced in association with a Standard Model Higgs boson decaying into b-quarks using the full Run 2 dataset from the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
50	Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
51	Search for exotic decays of the Higgs boson into long-lived particles in pp collisions at $\sqrt{s} = 13$ TeV using displaced vertices in the ATLAS inner detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
52	Search for chargino-neutralino pair production in final states with three leptons and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	28
53	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1.	1.4	7
54	Measurement of b-quark fragmentation properties in jets using the decay $B_{\pm} \rightarrow J/\psi K_{\pm}$ in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	3

#	ARTICLE	IF	CITATIONS
55	New test beam results of 3D and pad detectors constructed with poly-crystalline CVD diamond. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162675.	0.7	5
56	Performance of the missing transverse momentum triggers for the ATLAS detector during Run-2 data taking. Journal of High Energy Physics, 2020, 2020, 1.	1.6	17
57	Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24
58	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the $4\ell\ell$ decay channel at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	32
59	Fluctuations of anisotropic flow in Pb+Pb collisions at $\sqrt{\langle\mathbf{s}\rangle_{\langle\mathbf{NN}\rangle}} = 5.02$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	28
60	Search for direct production of electroweakinos in final states with one lepton, missing transverse momentum and a Higgs boson decaying into two b-jets in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	34
61	Measurement of differential cross sections for single diffractive dissociation in $\sqrt{s} = 8$ TeV pp collisions using the ATLAS ALFA spectrometer. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
62	Measurement of isolated-photon plus two-jet production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	3
63	Measurements of the production cross-section for a Z boson in association with b-jets in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
64	First characterisation of 3D pixel detectors irradiated at extreme fluences. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 979, 164458.	0.7	9
65	Search for the $HH \rightarrow b\bar{b}$ process via vector-boson fusion production using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	17
66	Observation of the associated production of a top quark and a Z boson in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	12
67	Measurement of the transverse momentum distribution of dilepton pairs in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	28
68	Layout and performance of HPK prototype LGAD sensors for the High-Granularity Timing Detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 980, 164379.	0.7	19
69	Radiation campaign of HPK prototype LGAD sensors for the High-Granularity Timing Detector (HGTD). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 979, 164382.	0.7	6
70	Performance of a Front End prototype ASIC for picosecond precision time measurements with LGAD sensors. Journal of Instrumentation, 2020, 15, P07007-P07007.	0.5	16
71	Measurements of top-quark pair spin correlations in the $e\mu$ channel at $\sqrt{s} = 13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	22
72	A new generation of radiation hard 3D pixel sensors for the ATLAS upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 982, 164587.	0.7	8

#	ARTICLE	IF	CITATIONS
73	Higgs boson production cross-section measurements and their EFT interpretation in the 4ℓ decay channel at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	41
74	Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in $\sqrt{s}=13\text{TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	36
75	Search for squarks and gluinos in final states with same-sign leptons and jets using 139fb^{-1} of data collected with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	19
76	Search for dijet resonances in events with an isolated charged lepton using $\sqrt{s}=13\text{TeV}$ proton-proton collision data collected by the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	7
77	Measurement of the $Z(\gamma^*, \gamma, \gamma\gamma)^3$ production cross-section in pp collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	9
78	Measurement of long-range two-particle azimuthal correlations in Z-boson tagged pp collisions at $\sqrt{s}=8\text{TeV}$ and 13TeV . European Physical Journal C, 2020, 80, 1.	1.4	5
79	Transverse momentum and process dependent azimuthal anisotropies in $\sqrt{s_{\text{NN}}}=8.16\text{TeV}$ p+Pb collisions with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	12
80	Measurement of J/ψ production in association with a $W\Delta$ boson with pp data at 8 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	10
81	Search for new resonances in mass distributions of jet pairs using 139fb^{-1} of pp collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	68
82	Search for $\overline{t}t$ resonances in fully hadronic final states in pp collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
83	Reconstruction and identification of boosted $di\tau$ systems in a search for Higgs boson pairs using 13TeV proton-proton collision data in ATLAS. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
84	Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1.	1.4	93
85	Search for electroweak production of charginos and sleptons decaying into final states with two leptons and missing transverse momentum in $\sqrt{s}=13\text{TeV}$ pp collisions using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	124
86	Search for top squarks in events with a Higgs or Z boson using 139fb^{-1} of pp collision data at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	4
87	Evidence for $\text{t}\bar{\text{t}}\tau\tau$ production in the multilepton final state in proton-proton collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	30
88	Search for heavy diboson resonances in semileptonic final states in pp collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	29
89	Search for light long-lived neutral particles produced in pp collisions at $\sqrt{s}=13\text{TeV}$ and decaying into collimated leptons or light hadrons with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	21
90	Search for a scalar partner of the top quark in the all-hadronic $\text{t}\bar{\text{t}}$ plus missing transverse momentum final state at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	36

#	ARTICLE	IF	CITATIONS
91	Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1.	1.4	12
92	Determination of jet calibration and energy resolution in proton-proton collisions at $\sqrt{s} = 8\text{--}13\text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	15
93	Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s} = 13\text{ TeV}$ pp collision data collected by the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	49
94	Search for long-lived neutral particles in pp collisions at $\sqrt{s} = 13\text{--}14\text{ TeV}$ that decay into displaced hadronic jets in the ATLAS calorimeter. European Physical Journal C, 2019, 79, 1.	1.4	28
95	Search for Higgs boson pair production in the $WW^{(*)}WW^{(*)}$ decay channel using ATLAS data recorded at $\sqrt{s} = 13\text{ TeV}$. Journal of High Energy Physics, 2019, 2019, 1.	1.6	21
96	Search for large missing transverse momentum in association with one top-quark in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	8
97	Measurement of $W^{\pm}Z$ production cross sections and gauge boson polarisation in pp collisions at $\sqrt{s} = 13\text{--}14\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	41
98	Searches for third-generation scalar leptoquarks in $\sqrt{s} = 13\text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	30
99	Search for scalar resonances decaying into $\tau^+\tau^-$ in events with and without b-tagged jets produced in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	15
100	Search for diboson resonances in hadronic final states in 139 fb^{-1} of pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	20
101	Search for excited electrons singly produced in proton-proton collisions at $\sqrt{s} = 13\text{--}14\text{ TeV}$ with the ATLAS experiment at the LHC. European Physical Journal C, 2019, 79, .	1.4	4
102	Identification of boosted Higgs bosons decaying into b-quark pairs with the ATLAS detector at $\sqrt{s} = 13\text{ TeV}$. European Physical Journal C, 2019, 79, .	1.4	21
103	Measurement of the cross-section and charge asymmetry of W bosons produced in proton-proton collisions at $\sqrt{s} = 8\text{--}13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	24
104	Measurement of jet-substructure observables in top quark, W boson and light jet production in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
105	Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC proton-proton collision data at $\sqrt{s} = 13\text{--}14\text{ TeV}$. European Physical Journal C, 2019, 79, 1.	1.4	77
106	Measurement of distributions sensitive to the underlying event in inclusive Z boson production in pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	3
107	Searches for scalar leptoquarks and differential cross-section measurements in dilepton-dijet events in proton-proton collisions at a centre-of-mass energy of $\sqrt{s} = 13\text{ TeV}$ with the ATLAS experiment. European Physical Journal C, 2019, 79, 1.	1.4	22
108	Search for single production of vector-like quarks decaying into Wb in pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	27

#	ARTICLE	IF	CITATIONS
109	Search for top-quark decays $t \rightarrow Hq$ with 36 fb ⁻¹ of pp collision data at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	19
110	Measurement of VH , $\mathcal{H} \rightarrow \mathcal{B} \overline{\mathcal{B}}$ production as a function of the vector-boson transverse momentum in 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
111	Measurements of W and Z boson production in pp collisions at $\sqrt{s} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	17
112	Performance of top-quark and W -boson tagging with ATLAS in Run 2 of the LHC. European Physical Journal C, 2019, 79, 1.	1.4	42
113	Measurements of inclusive and differential fiducial cross-sections of γ production in leptonic final states at $\sqrt{s} = 13$ TeV in ATLAS. European Physical Journal C, 2019, 79, 1.	1.4	14
114	Electron and photon energy calibration with the ATLAS detector using 2015–2016 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P03017-P03017.	0.5	37
115	Search for doubly charged scalar bosons decaying into same-sign W boson pairs with the ATLAS detector. European Physical Journal C, 2019, 79, 58.	1.4	61
116	Search for heavy Majorana or Dirac neutrinos and right-handed W gauge bosons in final states with two charged leptons and two jets at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	39
117	In situ calibration of large-radius jet energy and mass in 13 TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	28
118	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run 2 data collected in 2015 and 2016. European Physical Journal C, 2019, 79, 1.	1.4	46
119	Measurement of the ratio of cross sections for inclusive isolated-photon production in pp collisions at $\sqrt{s} = 13$ and 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
120	Characterisation of AMS H35 HV-CMOS monolithic active pixel sensor prototypes for HEP applications. Journal of Instrumentation, 2019, 14, P02016-P02016.	0.5	1
121	Measurement of the top quark mass in the $t \rightarrow t \bar{\nu} \nu$. European Physical Journal C, 2019, 79, 1.	1.4	47
122	Search for pair production of Higgs bosons in the $\mathcal{B} \overline{\mathcal{B}}$ final state using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	55
123	A strategy for a general search for new phenomena using data-derived signal regions and its application within the ATLAS experiment. European Physical Journal C, 2019, 79, 1.	1.4	25
124	Measurement of the top-quark mass in $t + 1$ -jet events collected with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	27
125	Measurement of fiducial and differential W^+W^- production cross-sections at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	24
126	Measurement of ZZ production in the $\gamma \gamma$ final state with the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6

#	ARTICLE	IF	CITATIONS
127	Measurement of W^{\pm} -boson and Z-boson production cross-sections in pp collisions at $\sqrt{s}=2.76$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	8
128	Measurement of the inclusive cross-section for the production of jets in association with a Z boson in proton-proton collisions at 8 TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	9
129	Search for heavy neutral leptons in decays of W bosons produced in 13 TeV pp collisions using prompt and displaced signatures with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	50
130	Measurement of W^{\pm} boson production in Pb+Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	17
131	High data-rate readout logic design of a 512 × 1024 pixel array dedicated for CEPC vertex detector. Journal of Instrumentation, 2019, 14, C12012-C12012.	0.5	8
132	ATLAS b-jet identification performance and efficiency measurement with $t\bar{t}$ events in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	130
133	Measurement of flow harmonics correlations with mean transverse momentum in lead-lead and proton-lead collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	36
134	A full functional Monolithic Active Pixel Sensor prototype for the CEPC vertex detector. , 2019, , .		1
135	Performance of Irradiated RD53A 3D Pixel Sensors. Journal of Instrumentation, 2019, 14, P06005-P06005.	0.5	6
136	Measurements of top-quark pair differential and double-differential cross-sections in the $t\bar{t}+jets$ channel with pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	34
137	Search for bottom-quark pair production with the ATLAS detector in final states containing Higgs bosons, b-jets and missing transverse momentum. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
138	Measurement of the inclusive isolated-photon cross section in pp collisions at $\sqrt{s}=13$ TeV using 36 fb ⁻¹ of ATLAS data. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
139	Measurement of K_S^0 and Λ^0 production in $t\bar{t}$ dileptonic events in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	4
140	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fb ⁻¹ of pp collisions at $s=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	116
141	Measurement of the cross-section for producing a W boson in association with a single top quark in pp collisions at $s=13$ TeV with ATLAS. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
142	Measurement of the W-boson mass in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 110.	1.4	218
143	Search for new phenomena in high-mass final states with a photon and a jet from pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 102.	1.4	13
144	Search for the direct production of charginos and neutralinos in final states with tau leptons in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 154.	1.4	52

#	ARTICLE	IF	CITATIONS
145	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.0 TeV. European Physical Journal C, 2018, 78, 142.	1.4	59
146	Measurement of quarkonium production in proton-lead and proton-proton collisions at $\sqrt{s} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 171.	1.4	75
147	Measurement of differential cross-sections of a single top quark produced in association with a W boson at $\sqrt{s} = 13$ TeV with ATLAS. European Physical Journal C, 2018, 78, 186.	1.4	20
148	Search for heavy ZZ resonances in the $e^+e^- \rightarrow e^+e^- \gamma \gamma$ final states using proton-lead collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 293.	1.4	101
149	A search for pair-produced resonances in four-jet final states at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 250.	1.4	66
150	Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in 36 fb^{-1} of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
151	Search for heavy resonances decaying into WW in the $e^+e^- \rightarrow e^+e^- \gamma \gamma$ final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 24.	1.4	108
152	Direct top-quark decay width measurement in the $t \rightarrow b \gamma$ channel at $\sqrt{s} = 8$ TeV with the ATLAS experiment. European Physical Journal C, 2018, 78, 129.	1.4	17
153	Search for WW/Z resonance production in $q\bar{q}$ final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	31
154	Measurement of the Higgs boson coupling properties in the $H \rightarrow ZZ \rightarrow 4\mu$ decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	46
155	Radiation hardness of thin Low Gain Avalanche Detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 891, 68-77.	0.7	34
156	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the $H \rightarrow aa \rightarrow 4b$ channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	28
157	Measurement of the $Z \rightarrow u\bar{u}$ production cross section in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector and limits on anomalous triple gauge-boson couplings. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
158	Production and integration of the ATLAS Insertable B-Layer. Journal of Instrumentation, 2018, 13, T05008-T05008.	0.5	260
159	Prompt and non-prompt J/ψ elliptic flow in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 784.	1.4	19
160	Search for Higgs boson pair production in the $\gamma\gamma \rightarrow WW \rightarrow 4\mu$ channel using pp collision data recorded at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 1007.	1.4	53
161	Measurement of colour flow using jet-pull observables in $t\bar{t}$ events with the ATLAS experiment at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 847.	1.4	16
162	Radiation hardness of small-pitch 3D pixel sensors up to a fluence of $3 \times 10^{16} \text{ n/cm}^2$. Journal of Instrumentation, 2018, 13, P09009-P09009.	0.5	23

#	ARTICLE	IF	CITATIONS
163	Angular analysis of $B_0 \rightarrow K^* K^* \ell^+ \ell^-$ decays in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	76
164	Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in 36 fb^{-1} of pp collisions at. European Physical Journal C, 2018, 78, 401.	1.4	50
165	Search for dark matter in events with a hadronically decaying vector boson and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29
166	Measurements of differential cross sections of top quark pair production in association with jets in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	9
167	Search for new phenomena in events with same-charge leptons and b-jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	30
168	Measurement of the azimuthal anisotropy of charged particles produced in $\sqrt{s_{NN}} = 5.02$ TeV Pb+Pb collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 997.	1.4	51
169	Test beam measurement of ams H35 HV-CMOS capacitively coupled pixel sensor prototypes with high-resistivity substrate. Journal of Instrumentation, 2018, 13, P12009-P12009.	0.5	6
170	Performance of missing transverse momentum reconstruction with the ATLAS detector using proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 903.	1.4	181
171	Search for electroweak production of supersymmetric particles in final states with two or three leptons at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 995.	1.4	125
172	Search for charged Higgs bosons decaying into top and bottom quarks at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	56
173	Operation and performance of the ATLAS Tile Calorimeter in Run 1. European Physical Journal C, 2018, 78, 987.	1.4	25
174	Search for supersymmetry in final states with missing transverse momentum and multiple b-jets in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	37
175	Search for pair production of heavy vector-like quarks decaying into high-pT W bosons and top quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	22
176	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 fb^{-1} of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	48
177	Search for long-lived charginos based on a disappearing-track signature in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	67
178	Search for supersymmetry in final states with charm jets and missing transverse momentum in 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
179	Search for charged Higgs bosons decaying via $H_{\pm} \rightarrow \tilde{\nu}_\tau, \tilde{\nu}_\tau \tilde{\nu}_\tau$, in the $\tilde{\nu}_\tau$, jets and $\tilde{\nu}_\tau$, lepton final states with 36 fb^{-1} of pp collision data recorded at $\sqrt{s} = 13$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	1.6	59
180	Prompt and non-prompt J/ψ and $\psi(2S)$ suppression at high transverse momentum in 5.02 TeV Pb+Pb collisions with the ATLAS experiment. European Physical Journal C, 2018, 78, 762.	1.4	61

#	ARTICLE	IF	CITATIONS
181	Beam test measurements of Low Gain Avalanche Detector single pads and arrays for the ATLAS High Granularity Timing Detector. Journal of Instrumentation, 2018, 13, P06017-P06017.	0.5	29
182	Search for exclusive Higgs and Z boson decays to $\tilde{l}\tilde{l}^*$ and $\tilde{l}\tilde{l}^3$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
183	Measurements of b-jet tagging efficiency with the ATLAS detector using \overline{t} events at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
184	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. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
185	Measurement of the inclusive and fiducial $t\bar{t}$ production cross-sections in the. European Physical Journal C, 2018, 78, 487.	1.4	10
186	Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 565.	1.4	79
187	Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 625.	1.4	27
188	Search for dark matter and other new phenomena in events with an energetic jet and large missing transverse momentum using the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	136
189	Measurement of inclusive jet and dijet cross-sections in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
190	Search for dark matter produced in association with bottom or top quarks in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 18.	1.4	60
191	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. European Physical Journal C, 2018, 78, 199.	1.4	132
192	Measurement of σ_{pol} , polarisation in $Z/\gamma \rightarrow \mu\mu$. European Physical Journal C, 2018, 78, 163.	1.4	7
193	Searches for heavy ZZ and ZW resonances in the $\mu\mu$, qq and $1/2qq$ final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29
194	Radiation hardness of gallium doped low gain avalanche detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 898, 53-59.	0.7	8
195	Search for pair production of up-type vector-like quarks and for four-top-quark events in final states with multiple b-jets with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	33
196	Measurement of differential cross sections and W^+/W^0 cross-section ratios for W boson production in association with jets at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
197	Measurement of the $\sigma_{\text{fid}}(t\bar{t}Z)$ and $\sigma_{\text{fid}}(t\bar{t}W)$ production cross sections in multilepton final states using 3.2 fb $^{-1}$ of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 40.	1.4	41
198	A measurement of the calorimeter response to single hadrons and determination of the jet energy scale uncertainty using LHC Run-1 pp-collision data with the ATLAS detector. European Physical Journal C, 2017, 77, 26.	1.4	29

#	ARTICLE	IF	CITATIONS
199	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. Journal of High Energy Physics, 2017, 2017, 1.	1.6	29
200	Measurement of jet activity produced in top-quark events with an electron, a muon and two b-tagged jets in the final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 220.	1.4	11
201	Measurement of the W boson polarisation in $t\bar{t}$ events from pp collisions at $\sqrt{s} = 8$ TeV in the lepton+jets channel with ATLAS. European Physical Journal C, 2017, 77, 264.	1.4	37
202	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. European Physical Journal C, 2017, 77, 195.	1.4	87
203	Measurements of top-quark pair differential cross-sections in the $e\bar{e}$ channel in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. European Physical Journal C, 2017, 77, 292.	1.4	27
204	Performance of algorithms that reconstruct missing transverse momentum in $\sqrt{s} = 8$ TeV proton-proton collisions in the ATLAS detector. European Physical Journal C, 2017, 77, 241.	1.4	61
205	Measurement of the prompt J/ψ pair production cross-section in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 76.	1.4	81
206	Search for triboson $W^+W^-W^0$ production in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 141.	1.4	25
207	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490.	1.4	325
208	Fiducial, total and differential cross-section measurements of t-channel single top-quark production in pp collisions at 8 TeV using data collected by the ATLAS detector. European Physical Journal C, 2017, 77, 531.	1.4	56
209	Measurements of electroweak Wjj production and constraints on anomalous gauge couplings with the ATLAS detector. European Physical Journal C, 2017, 77, 474.	1.4	26
210	Observation of the Y (4140) structure in the J/ψ mass spectrum in $B^0 \rightarrow J/\psi K^0$ decays. Modern Physics Letters A, 2017, 32, 1750139.	0.5	57
211	Jet reconstruction and performance using particle flow with the ATLAS Detector. European Physical Journal C, 2017, 77, 466.	1.4	145
212	Studies of irradiated AMS H35 CMOS detectors for the ATLAS tracker upgrade. Journal of Instrumentation, 2017, 12, C01074-C01074.	0.5	24
213	Measurement of multi-particle azimuthal correlations in pp, p+Pb and low-multiplicity Pb+Pb collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 428.	1.4	86
214	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. Journal of High Energy Physics, 2017, 2017, 1.	1.6	31
215	Measurement of lepton differential distributions and the top quark mass in $t\bar{t}$. European Physical Journal C, 2017, 77, 804.	1.4	28
216	Measurement of the $\overline{t}\gamma$ production cross section in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9

#	ARTICLE	IF	CITATIONS
217	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. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
218	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. European Physical Journal C, 2017, 77, 673.	1.4	75
219	Search for new phenomena in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 144.	1.4	12
220	Measurement of the ZZ production cross section in proton-proton collisions at $\sqrt{s} = 8$ TeV using the ZZ $\rightarrow \gamma\gamma$, γZ , $Z\gamma$ and ZZ $\rightarrow \gamma\gamma$, γZ , $Z\gamma$ decay channels with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.		
221	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. Journal of High Energy Physics, 2017, 2017, 1.	1.6	17
222	Measurements of $\Upsilon(2S)$ and $X(3872) \rightarrow J/\psi \Upsilon + \Upsilon \rightarrow J/\psi \Upsilon$ production in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	33
223	Measurements of top-quark pair to Z-boson cross-section ratios at $\sqrt{s} = 13, 8, 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13
224	Search for lepton-flavour-violating decays of the Higgs and Z bosons with the ATLAS detector. European Physical Journal C, 2017, 77, 70.	1.4	79
225	Performance of the ATLAS trigger system in 2015. European Physical Journal C, 2017, 77, 317.	1.4	489
226	Reconstruction of primary vertices at the ATLAS experiment in Run 1 proton-proton collisions at the LHC. European Physical Journal C, 2017, 77, 332.	1.4	71
227	Measurements of the production cross section of a Z boson in association with jets in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 361.	1.4	47
228	Precision measurement and interpretation of inclusive W^+W^- , W^+W^+ , W^-W^- . European Physical Journal C, 2017, 77, 367.	1.4	145
229	Measurement of jet fragmentation in Pb+Pb and pp collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 379.	1.4	51
230	Search for dark matter at $\sqrt{s} = 13$ TeV in final states containing an energetic photon and large missing transverse momentum with the ATLAS detector. European Physical Journal C, 2017, 77, 393.	1.4	80
231	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. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
232	Search for direct top squark pair production in final states with two leptons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 898.	1.4	50
233	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. Journal of High Energy Physics, 2017, 2017, 1.	1.6	8
234	Measurement of detector-corrected observables sensitive to the anomalous production of events with jets and large missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. European Physical Journal C, 2017, 77, 765.	1.4	19

#	ARTICLE	IF	CITATIONS
235	Measurement of b-hadron pair production with the ATLAS detector in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	8
236	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. Journal of High Energy Physics, 2017, 2017, 1.	1.6	17
237	Measurement of the inclusive jet cross-sections in proton-proton collisions at $s = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	23
238	Characterisation of novel prototypes of monolithic HV-CMOS pixel detectors for high energy physics experiments. Journal of Instrumentation, 2017, 12, C06009-C06009.	0.5	7
239	Search for pair production of vector-like top quarks in events with one lepton, jets, and missing transverse momentum in $s = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	38
240	Identification and rejection of pile-up jets at high pseudorapidity with the ATLAS detector. European Physical Journal C, 2017, 77, 580.	1.4	35
241	Measurement of $WW/WZ \rightarrow \ell \ell \nu \nu$ production with the hadronically decaying boson reconstructed as one or two jets in pp collisions at $\sqrt{s} = 8$ TeV with ATLAS, and constraints on anomalous gauge couplings. European Physical Journal C, 2017, 77, 563.	1.4	28
242	Search for new phenomena in a lepton plus high jet multiplicity final state with the ATLAS experiment using $s = 13$ TeV proton-proton collision data. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12
243	Searches for the $Z\tilde{\chi}^0_3$ decay mode of the Higgs boson and for new high-mass resonances in pp collisions at $s = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	30
244	Studies of $Z\tilde{\chi}^0_3$ production in association with a high-mass dijet system in pp collisions at $s = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
245	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. Journal of High Energy Physics, 2017, 2017, 1.	1.6	16
246	Search for top quark decays $t \rightarrow qH$, with $H \rightarrow \tilde{\chi}^0_3\tilde{\chi}^0_3$, in $s = 13$ TeV pp collisions using the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	18
247	Study of $WW\gamma$ and WZ production. European Physical Journal C, 2017, 77, 646.	1.4	30
248	Module production of the one-arm AFP 3D pixel tracker. Journal of Instrumentation, 2017, 12, C01086-C01086.	0.5	10
249	Measurements of top quark spin observables in $t\bar{t}$ events using dilepton final states in $s = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	20
250	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. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
251	Top-quark mass measurement in the all-hadronic $t\bar{t}$ decay channel at $s = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	16
252	Measurement of the Drell-Yan triple-differential cross section in pp collisions at $s = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	28

#	ARTICLE	IF	CITATIONS
253	Search for a scalar partner of the top quark in the jets plus missing transverse momentum final state at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	45
254	Search for supersymmetry in final states with two same-sign or three leptons and jets using 36 fb^{-1} of $\sqrt{s} = 13 \text{ TeV}$ pp collision data with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	31
255	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 $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	36
256	Measurement of the kt splitting scales in $Z \hat{\rightarrow} \hat{a}, \hat{a},$ events in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
257	Analysis of the Wtb vertex from the measurement of triple-differential angular decay rates of single top quarks produced in the t-channel at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	8
258	Evidence for the $H \hat{\rightarrow} b \hat{b}$ decay with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	64
259	Search for new high-mass phenomena in the dilepton final state using 36 fb^{-1} of proton-proton collision data at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	168
260	Determination of the strong coupling constant $\alpha_{\text{S}} \hat{\pm} s$ from transverse energy-energy correlations in multijet events at $\sqrt{s} = 8 \text{ TeV}$. European Physical Journal C, 2017, 77, 872.	1.4	32
261	Gain and time resolution of $45 \hat{1}/4 \text{ m}$ thin Low Gain Avalanche Detectors before and after irradiation up to a fluence of 10^{15} n/cm^2 . Journal of Instrumentation, 2017, 12, P05003-P05003.	0.5	26
262	3D sensors for the HL-LHC. Journal of Instrumentation, 2017, 12, C01026-C01026.	0.5	5
263	Beam tests of an integrated prototype of the ATLAS Forward Proton detector. Journal of Instrumentation, 2016, 11, P09005-P09005.	0.5	16
264	The Laser calibration of the ATLAS Tile Calorimeter during the LHC run 1. Journal of Instrumentation, 2016, 11, T10005-T10005.	0.5	17
265	Study of hard double-parton scattering in four-jet events in pp collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$ with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.	1.6	30
266	Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in $s = 8 \sqrt{s} = 8 \text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	10
267	Construction of the optical part of a time-of-flight detector prototype for the AFP detector. Optics Express, 2016, 24, 27951.	1.7	9
268	Measurement of event-shape observables in $Z \hat{\rightarrow} \ell \ell Z \hat{\rightarrow} \hat{a}, + \hat{a},$ - events in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 375.	1.4	15
269	Charged-particle distributions in pp interactions at $\sqrt{s} = 8 \text{ TeV}$ measured with the ATLAS detector. European Physical Journal C, 2016, 76, 403.	1.4	30
270	Charged-particle distributions at low transverse momentum in $\sqrt{s} = 13 \text{ TeV}$ pp interactions measured with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 502.	1.4	61

#	ARTICLE	IF	CITATIONS
271	Search for bottom squark pair production in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 547.	1.4	37
272	Search for minimal supersymmetric standard model Higgs Bosons H/A and for a Z^{\prime} boson in the $u\bar{u}, d\bar{d}$, final state produced in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 585.	1.4	51
273	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run-1 data. European Physical Journal C, 2016, 76, 666.	1.4	73
274	Measurement of the $b\bar{b}$ dijet cross section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 670.	1.4	12
275	The performance of the jet trigger for the ATLAS detector during 2011 data taking. European Physical Journal C, 2016, 76, 526.	1.4	21
276	Search for new phenomena in different-flavour high-mass dilepton final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 541.	1.4	23
277	Search for the Higgs boson produced in association with a W boson and decaying to four b-quarks via two spin-zero particles in pp collisions at 13 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 605.	1.4	24
278	Muon reconstruction performance of the ATLAS detector in proton-proton collision data at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2016, 76, 292.	1.4	453
279	Test of CP invariance in vector-boson fusion production of the Higgs boson using the Optimal Observable method in the ditau decay channel with the ATLAS detector. European Physical Journal C, 2016, 76, 658.	1.4	48
280	Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 565.	1.4	31
281	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	44
282	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. Journal of High Energy Physics, 2016, 2016, 1.	1.6	71
283	Measurement of $D_s^* \rightarrow D_s \gamma$ and $D_s^* \rightarrow D_s \pi$ meson production cross sections in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 52.	1.4	52
284	Search for flavour-changing neutral current top-quark decays to qZ in pp collision data collected with the ATLAS detector at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 12.	1.4	39
285	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 87.	1.4	39
286	Search for direct top squark pair production in final states with two tau leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 81.	1.4	10
287	Search for charged Higgs bosons in the $H^{\pm} \rightarrow t\bar{b}$ decay channel in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	43
288	Study of the rare decays of $B^0_s \rightarrow B^0 \mu^+ \mu^-$ and $B^0 \rightarrow B^0 \mu^+ \mu^-$ into muon pairs from data collected during the LHC Run 1 with the ATLAS detector. European Physical Journal C, 2016, 76, 513.	1.4	46

#	ARTICLE	IF	CITATIONS
289	Search for supersymmetry in a final state containing two photons and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions. European Physical Journal C, 2016, 76, 517.	1.4	24
290	Search for resonances in diphoton events at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	70
291	Search for single production of vector-like quarks decaying into Wb in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 442.	1.4	43
292	Measurement of the relative width difference of the $B^0 - \bar{B}^0$ system with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
293	Search for metastable heavy charged particles with large ionization energy loss in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2016, 93, .	1.6	39
294	The ATLAS Forward Proton Detector (AFP). Nuclear and Particle Physics Proceedings, 2016, 273-275, 1180-1184.	0.2	12
295	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. European Physical Journal C, 2016, 76, 295.	1.4	50
297	Performance of pile-up mitigation techniques for jets in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 581.	1.4	298
298	Measurement of the charged-particle multiplicity inside jets from $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2016, 76, 322.	1.4	51
299	Measurement of jet activity in top quark events using the e^+e^- final state with two b-tagged jets in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	4
300	Measurement of the transverse momentum and ϕ_{η} distributions of Drell-Yan lepton pairs in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 291.	1.4	154
301	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to $WW \rightarrow e^+e^- \mu^+\mu^-$ with the ATLAS detector at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
302	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. Physical Review D, 2016, 94, .	1.6	4
303	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. Journal of High Energy Physics, 2016, 2016, 1.	1.6	20
304	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. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
305	Identification of high transverse momentum top quarks in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
306	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. New Journal of Physics, 2016, 18, 073021.	1.2	2

#	ARTICLE	IF	CITATIONS
307	Beam-induced and cosmic-ray backgrounds observed in the ATLAS detector during the LHC 2012 proton-proton running period. <i>Journal of Instrumentation</i> , 2016, 11, P05013-P05013.	0.5	11
308	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $\sqrt{s} = 8, \sqrt{s} = 8$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 538.	1.4	115
309	Measurement of the differential cross-sections of prompt and non-prompt production of J/ψ and $\psi(2S)$ in pp collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 283.	1.4	63
310	Luminosity determination in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2016, 76, 653.	1.4	279
311	Search for squarks and gluinos in events with hadronically decaying tau leptons, jets and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV recorded with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 683.	1.4	11
312	Addendum to "Measurement of the $t\bar{t}$ production cross-section using e^+e^- events with b-tagged jets in pp collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector". <i>European Physical Journal C</i> , 2016, 76, 1.	1.4	19
313	Measurement of the angular coefficients in Z-boson events using electron and muon pairs from data taken at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	33
314	Searches for heavy diboson resonances in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	25
315	Dark matter interpretations of ATLAS searches for the electroweak production of supersymmetric particles in $\sqrt{s} = 8$ TeV proton-proton collisions. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	16
316	Search for the Standard Model Higgs boson decaying into $b\bar{b}$ produced in association with top quarks decaying hadronically in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	21
317	Measurement of the CP-violating phase $\arg(\lambda)$ and the B_s^0 meson decay width difference with B_s^0 decays in ATLAS. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	13
318	Search for squarks and gluinos in final states with jets and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 392.	1.4	73
319	Measurement of the double-differential high-mass Drell-Yan cross section in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	38
320	A search for prompt lepton-jets in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	31
321	Search for new phenomena with photon+jet events in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	13
322	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 199.	1.4	60
323	Measurement of the production cross-section of a single top quark in association with a W boson at 8 TeV with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	14
324	Search for the production of single vector-like and excited quarks in the Wt final state in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	19

#	ARTICLE	IF	CITATIONS
325	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum with ATLAS using $\sqrt{s} = 13$ TeV proton collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 67-88.	1.5	21
326	Search for single production of a vector-like quark via a heavy gluon in the 4b final state with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 210.	1.5	16
327	Charged-particle production in hadronic final states in $\sqrt{s} = 13$ TeV pp interactions measured with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 67-88.	1.5	16
328	Identification of boosted, hadronically decaying W bosons and comparisons with ATLAS data taken at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 154.	1.4	62
329	Search for new phenomena in events with at least three photons collected in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 210.	1.4	95
330	Probing lepton flavour violation via neutrinoless $\tau \rightarrow 3\mu$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 232.	1.4	19
331	A new method to distinguish hadronically decaying boosted Z bosons from W bosons using the ATLAS detector. European Physical Journal C, 2016, 76, 238.	1.4	9
332	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. European Physical Journal C, 2016, 76, 259.	1.4	72
333	Search for invisible decays of a Higgs boson using vector-boson fusion in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	49
334	Search for anomalous couplings in the W tb vertex from the measurement of double differential angular decay rates of single top quarks produced in the t-channel with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1-46.	1.6	13
335	Searches for scalar leptoquarks in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 5.	1.4	109
336	Measurements of the Higgs boson production and decay rates and coupling strengths using pp collision data at $\sqrt{s} = 7$ and 8 TeV in the ATLAS experiment. European Physical Journal C, 2016, 76, 6.	1.4	274
337	Measurements of fiducial cross-sections for $t\bar{t}$ production with one or two additional b-jets in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. European Physical Journal C, 2016, 76, 11.	1.4	54
338	Study of the $B_c^+ \rightarrow J/\psi D_s^+ B_c^+ \rightarrow \hat{t}^+ J/\psi D_s^+$ and $B_c^+ \rightarrow J/\psi D_s^+ \hat{t}^+ \rightarrow J/\psi D_s^+ \hat{t}^+$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 4.	1.4	40
339	Search for an additional, heavy Higgs boson in the $H \rightarrow ZZ$ decay channel at $\sqrt{s} = 8$ TeV in pp collision data with the ATLAS detector. European Physical Journal C, 2016, 76, 45.	1.4	197
340	Search for single top-quark production via flavour-changing neutral currents at 8 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 55.	1.4	43
341	3D silicon pixel detectors for the High-Luminosity LHC. Journal of Instrumentation, 2016, 11, C11024-C11024.	0.5	15
342	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $(\sqrt{s}=8, \text{TeV})$ with the ATLAS detector. , 2016, 76, 1.		1

#	ARTICLE	IF	CITATIONS
343	3D silicon pixel detectors for the ATLAS Forward Physics experiment. Journal of Instrumentation, 2015, 10, C03031-C03031.	0.5	16
344	Characterization of silicon 3D pixel detectors for the ATLAS Forward Physics experiment. , 2015, , .		1
345	Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	4
346	A search for high-mass resonances decaying to $\tilde{l}, +\tilde{l}, \tilde{a}^*$ in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	23
347	Search for lepton-flavour-violating $H \rightarrow \tilde{l} \tilde{l}^*$, decays of the Higgs boson with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	52
348	Measurement of four-jet differential cross sections in $\sqrt{s} = 8$ TeV proton-proton collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-76.	1.6	11
349	A search for $t \bar{t} \tilde{A}^*$ resonances using lepton-plus-jets events in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	66
350	Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	28
351	Measurement of charged-particle spectra in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	1.6	67
352	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. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
353	Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-39.	1.6	78
354	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. Journal of High Energy Physics, 2015, 2015, 1.	1.6	40
355	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	84
356	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. Journal of High Energy Physics, 2015, 2015, 1.	1.6	71
357	Search for new phenomena in events with three or more charged leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	20
358	Summary of the searches for squarks and gluinos using $\sqrt{s} = 8$ TeV pp collisions with the ATLAS experiment at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
359	Determination of the top-quark pole mass using $t \bar{t} \tilde{A}^*$ + 1-jet events collected with the ATLAS experiment in 7 TeV pp collisions. Journal of High Energy Physics, 2015, 2015, 1.	1.6	25
360	Measurement of the $t \bar{t} \tilde{A}^* W$ and $t \bar{t} \tilde{A}^* Z$ production cross sections in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	22

#	ARTICLE	IF	CITATIONS
361	Search for flavour-changing neutral current top quark decays $t \rightarrow Hq$ in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-65.	1.6	19
362	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. Journal of High Energy Physics, 2015, 2015, 1.	1.6	36
363	Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	42
364	Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	116
365	Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
366	Search for $W' \rightarrow tb$ and $W' \rightarrow tq$ decays in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 165.	1.4	35
367	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 158.	1.4	17
368	Search for direct pair production of a chargino and a neutralino decaying to the 125 GeV Higgs boson in pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 208.	1.4	67
369	Study of (W/Z)H production and Higgs boson couplings using $H \rightarrow WW$ decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	22
370	Search for metastable heavy charged particles with large ionisation energy loss in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS experiment. European Physical Journal C, 2015, 75, 407.	1.4	27
371	Measurement of the production and lepton charge asymmetry of W bosons in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 23.	1.4	41
372	First measurements of segmented silicon tracking detectors with built-in multiplication layer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 796, 136-140.	0.7	1
373	Jet energy measurement and its systematic uncertainty in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 17.	1.4	268
374	Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 79.	1.4	30
375	Search for resonant diboson production in the $q\bar{q} \rightarrow \gamma^* \rightarrow q\bar{q}$ final state in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	1.4	74
376	Measurements of the W production cross sections in association with jets with the ATLAS detector. European Physical Journal C, 2015, 75, 82.	1.4	92
377	Search for dark matter in events with heavy quarks and missing transverse momentum in pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 92.	1.4	77
378	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. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30

#	ARTICLE	IF	CITATIONS
379	Measurement of the $W W + W Z$ cross section and limits on anomalous triple gauge couplings using final states with one lepton, missing transverse momentum, and two jets with the ATLAS detector at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	27
380	Searches for heavy long-lived charged particles with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
381	Search for the $b \bar{b}$ decay of the Standard Model Higgs boson in associated (W/Z)H production with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	89
382	Measurement of the inclusive jet cross-section in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ using 4.5 fb^{-1} of data with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	35
383	Search for anomalous production of prompt same-sign lepton pairs and pair-produced doubly charged Higgs bosons with $\sqrt{s} = 8 \text{ TeV}$ pp collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
384	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \tau^-$, $H \rightarrow \tau^+ \tau^- \nu_\tau$ in fully hadronic final states using pp collision data at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	69
385	Search for production of $W W / W Z$ resonances decaying to a lepton, neutrino and jets in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 209.	1.4	79
386	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. European Physical Journal C, 2015, 75, 120.	1.4	62
387	Search for Higgs boson pair production in the $b \bar{b} b \bar{b}$ final state from pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 412.	1.4	90
388	Determination of spin and parity of the Higgs boson in the $W W \rightarrow e \mu \nu_e \nu_\mu$ decay channel with the ATLAS detector. European Physical Journal C, 2015, 75, 231.	1.4	21
389	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 299.	1.4	238
390	Search for a new resonance decaying to a W or Z boson and a Higgs boson in the $u \bar{u} / d \bar{d} / s \bar{s} / c \bar{c} / b \bar{b}$ final states with the ATLAS detector. European Physical Journal C, 2015, 75, 263.	1.4	60
391	Measurement of three-jet production cross-sections in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ centre-of-mass energy using the ATLAS detector. European Physical Journal C, 2015, 75, 228.	1.4	23
392	Constraints on the off-shell Higgs boson signal strength in the high-mass ZZ and WW final states with the ATLAS detector. European Physical Journal C, 2015, 75, 335.	1.4	95
393	Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. European Physical Journal C, 2015, 75, 303.	1.4	70
394	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. European Physical Journal C, 2015, 75, 476.	1.4	174
395	Observation and measurements of the production of prompt and non-prompt J/ψ mesons in association with a Z boson in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 229.	1.4	64
396	Search for the Standard Model Higgs boson produced in association with top quarks and decaying into $b \bar{b}$ in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 349.	1.4	123

#	ARTICLE	IF	CITATIONS
397	Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 318.	1.4	56
398	Search for heavy long-lived multi-charged particles in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. European Physical Journal C, 2015, 75, 362.	1.4	36
399	Two-particle Bose-Einstein correlations in pp collisions at $\sqrt{s}=0.9$ and 7 TeV measured with the ATLAS detector. European Physical Journal C, 2015, 75, 466.	1.4	42
400	Measurement of the top quark mass in the $t \rightarrow \text{lepton} + \text{jets}$ and $t \rightarrow \text{dilepton}$ dilepton channels using $\sqrt{s}=7$ TeV ATLAS data. European Physical Journal C, 2015, 75, 330.	1.4	52
401	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. European Physical Journal C, 2015, 75, 510.	1.4	138
402	Measurement of the inclusive jet cross-section in proton-proton collisions at $\sqrt{s}=7$ TeV using 4.5 fb ⁻¹ of data with the ATLAS detector. , 2015, 2015, 1.		3
403	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. , 2015, 75, 1.		3
404	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. , 2015, 75, 1.		3
405	Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	82
406	Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton-proton collision data. European Physical Journal C, 2014, 74, 3130.	1.4	213
407	Measurements of jet vetoes and azimuthal decorrelations in dijet events produced in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. European Physical Journal C, 2014, 74, 3117.	1.4	40
408	A measurement of the ratio of the production cross sections for W and Z bosons in association with jets with the ATLAS detector. European Physical Journal C, 2014, 74, 3168.	1.4	23
409	Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at $\sqrt{s}=8$ TeV with ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45
410	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb ⁻¹ of $\sqrt{s}=8$ TeV proton-proton collision data with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	12
411	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. Journal of High Energy Physics, 2014, 2014, 1.	1.6	128
412	Measurement of the $t \bar{t}$ production cross-section using e^+e^- events with b -tagged jets in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3109.	1.4	143
413	Measurement of the top quark and charm baryons in $\sqrt{s}=8$ TeV collisions at the ATLAS detector. European Physical Journal C, 2014, 74, 3109.	1.6	24
414	Measurement of the ZZ production cross section using the full CDF II data set. Physical Review D, 2014, 89, .	1.6	8

#	ARTICLE	IF	CITATIONS
415	Measurement of the inclusive W -boson production in association with a p -quark in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2014, 90, .	1.6	7
416	Search for new physics in trilepton events and limits on the associated chargino-neutralino production at CDF. Physical Review D, 2014, 90, .	1.6	2
417	Measurement of the Inclusive Leptonic Asymmetry in Top-Quark Pairs that Decay to Two Charged Leptons at CDF. Physical Review Letters, 2014, 113, 042001.	2.9	38
418	Study of top quark production and decays involving a tau lepton at CDF and limits on a charged Higgs boson contribution. Physical Review D, 2014, 89, .	1.6	10
419	First Search for Exotic Z-Boson Decays into Photons and Neutral Pions in Hadron Collisions. Physical Review Letters, 2014, 112, 111803.	2.9	18
420	Measurement of $B(\tau^+ \rightarrow W^+ b)/B(\tau^+ \rightarrow W^+ q)$ in Top-Quark-Pair Decays Using Dilepton Events and the Full CDF Run II Data Set. Physical Review Letters, 2014, 112, 221801.	2.9	15
421	Search for s-Channel Single-Top-Quark Production in Events with Missing Energy Plus Jets in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2014, 112, 231805.	2.9	12
422	Evidence for s-Channel Single-Top-Quark Production in Events with One Charged Lepton and Two Jets at CDF. Physical Review Letters, 2014, 112, 231804.	2.9	15
423	Study of orbitally excited B mesons and evidence for a new B -resonance. Physical Review D, 2014, 90, .	1.6	51
424	Precise measurement of the W -boson mass with the Collider Detector at Fermilab. Physical Review D, 2014, 89, .	1.6	18
425	Measurements of Direct C -Violating Asymmetries in Charmless Decays of Bottom Baryons. Physical Review Letters, 2014, 113, 242001.	2.9	34
426	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. Journal of High Energy Physics, 2014, 2014, 1.	1.6	66
427	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at $\sqrt{s} = 7$ TeV in 2010. European Physical Journal C, 2014, 74, 3034.	1.4	58
428	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. European Physical Journal C, 2014, 74, 1.	1.4	172
429	Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3134.	1.4	48
430	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3157.	1.4	68
431	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3195.	1.4	46
432	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. Journal of High Energy Physics, 2014, 2014, 1.	1.6	41

#	ARTICLE	IF	CITATIONS
433	Measurement of the $Z/\hat{1}^3$ * boson transverse momentum distribution in pp collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	131
434	Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	47
435	Measurement of the top quark pair production charge asymmetry in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	42
436	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data. European Physical Journal C, 2014, 74, 2941.	1.4	204
437	Measurement of the underlying event in jet events from 7 TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 1.	1.4	23
438	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{\text{NN}}} = 2.76 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2014, 74, 2982.	1.4	22
439	Light-quark and gluon jet discrimination in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2014, 74, 3023.	1.4	77
440	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 $\sqrt{s} = 8 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22
441	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $\sqrt{s} = 8 \text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	88
442	Measurement of the production cross section of prompt J/ψ mesons in association with a W^{\pm} boson in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
443	Measurement of the production of a W boson in association with a charm quark in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	59
444	Search for direct production of charginos, neutralinos and sleptons in final states with two leptons and missing transverse momentum in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	145
445	Search for supersymmetry at $\sqrt{s} = 8 \text{ TeV}$ in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45
446	Measurement of the low-mass Drell-Yan differential cross section at $s = 7 \sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
447	Search for direct top-squark pair production in final states with two leptons in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	59
448	Search for new particles in events with one lepton and missing transverse momentum in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45
449	Search for direct top squark pair production in events with a Z boson, b-jets and missing transverse momentum in $\sqrt{s} = 8 \text{ TeV}$ pp collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 2883.	1.4	55
450	Indirect measurement of $\sin^2 \theta_W$ using $Z \rightarrow \mu^+ \mu^-$ decays. Physical Review D, 2014, 89, .	1.6	19

#	ARTICLE	IF	CITATIONS
451	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. Journal of High Energy Physics, 2013, 2013, 1.	1.6	73
452	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. Journal of High Energy Physics, 2013, 2013, 1.	1.6	53
453	Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	137
454	Search for the neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	52
455	Search for the Higgs boson in the all-hadronic final state using the full CDF data set. Journal of High Energy Physics, 2013, 2013, 1.	1.6	5
456	Measurement of k T splitting scales in $W\hat{+}^{\uparrow}\hat{a},\hat{1}/2$ events at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	1.4	19
457	Search for a light charged Higgs boson in the decay channel $H^{+} \rightarrow c\bar{s}$ in $\text{Star}(t)$ events using pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. W-boson polarization measurement in the $W \rightarrow e\bar{\nu}_e$ channel using pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.4	119
458	Operational experience, improvements, and performance of the CDF Run II silicon vertex detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 729, 153-181.	1.5	3
459	Indirect measurement of $\sin^2\theta_W(MW)$ using e^+e^- pairs in the Z-boson region with pp collisions at a center-of-momentum energy of 1.96 TeV. Physical Review D, 2013, 88, .	0.7	24
460	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. Journal of High Energy Physics, 2013, 2013, 1.	1.6	15
461	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. Journal of High Energy Physics, 2013, 2013, 1.	1.6	102
462	Measurement of the differential cross-section of B + meson production in pp collisions at $\sqrt{s}=7$ TeV at ATLAS. Journal of High Energy Physics, 2013, 2013, 1.	1.6	71
463	Performance of jet substructure techniques for large-R jets in proton-proton collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	31
464	Improved luminosity determination in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2518.	1.6	52
465	Measurement of the inclusive jet cross-section in pp collisions at $\sqrt{s}=2.76 \text{ TeV}$ and comparison to the inclusive jet cross-section at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2013, 73, 2509.	1.4	362
466	Multi-channel search for squarks and gluinos in $\sqrt{s}=7 \text{ TeV}$ pp collisions with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2362.	1.4	105
467		1.4	34
468			

#	ARTICLE	IF	CITATIONS
469	Measurement of jet shapes in top-quark pair events at $\sqrt{s} = 7$ TeV using the ATLAS detector. European Physical Journal C, 2013, 73, 2676.	1.4	33
470	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. Journal of High Energy Physics, 2013, 2013, 1.	1.6	175
471	Measurement of the top quark charge in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	17
472	Characterization and beam tests results of non-uniformly irradiated 3D pixel sensors for HEP experiments. , 2013, , .		0
473	Measurement of $\langle W \rangle$ -boson polarization in top-quark decay using the full CDF Run II data set. Physical Review D, 2013, 87, .	1.6	15
474	Future trends of 3D silicon sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 731, 201-204.	0.7	5
475	Beam test studies of 3D pixel sensors irradiated non-uniformly for the ATLAS forward physics detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 730, 28-32.	0.7	16
476	Scribeâ€‘cleaveâ€‘passivate (SCP) slim edge technology for silicon sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 731, 260-265.	0.7	20
477	Recent results on 3D double sided detectors with slim edges. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 731, 198-200.	0.7	2
478	Measurements of top quark pair relative differential cross-sections with ATLAS in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1.	1.4	61
479	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in protonâ€‘proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1.	1.4	45
480	Overview of the ATLAS insertable B-layer (IBL) project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 699, 61-66.	0.7	8
481	Measurement of the flavour composition of dijet events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 1.	1.4	15
482	Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 1.	1.4	45
483	Jet energy resolution in proton-proton collisions at $\sqrt{s} = 7$ TeV recorded in 2010 with the ATLAS detector. European Physical Journal C, 2013, 73, 2306.	1.4	209
484	Measurement of the $\sigma_{t\bar{t}}$ production cross section in the tau + jets channel using the ATLAS detector. European Physical Journal C, 2013, 73, 2328.	1.4	45
485	Search for WH production with a light Higgs boson decaying to prompt electron-jets in protonâ€‘proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. New Journal of Physics, 2013, 15, 043009.	1.2	15
486	Combination of searches for the Higgs boson using the full CDF data set. Physical Review D, 2013, 88, .	1.6	17

#	ARTICLE	IF	CITATIONS
487	Measurement of the mass difference between top and antitop quarks. Physical Review D, 2013, 87, .	1.6	10
488	Search for Supersymmetry with Like-Sign Lepton-Tau Events at CDF. Physical Review Letters, 2013, 110, 201802.	2.9	4
489	Searches for the Higgs boson decaying to $W+W\tilde{a}^*\tilde{a}^*$, $W\tilde{a}^*\tilde{a}^*$, $\tilde{a}^*\tilde{a}^*$ with the CDF II detector. Physical Review D, 2013, 88, .	1.6	6
490	Observation of $D^0 \rightarrow D^0 \tilde{a}^* \tilde{a}^*$ Mixing Using the CDF II Detector. Physical Review Letters, 2013, 111, 231802.	2.9	26
491	Updated search for the standard model Higgs boson in events with jets and missing transverse energy using the full CDF data set. Physical Review D, 2013, 87, .	1.6	13
492	Measurement of the top-quark pair-production cross section in events with two leptons and bottom-quark jets using the full CDF data set. Physical Review D, 2013, 88, .	1.6	11
493	Search for a dijet resonance in events with jets and missing transverse energy in $pp \rightarrow p p \tilde{a}^* \tilde{a}^*$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2013, 88, .	1.6	2
494	Measurement of the Cross Section for Prompt Isolated Diphoton Production Using the Full CDF Run II Data Sample. Physical Review Letters, 2013, 110, 101801.	2.9	36
495	Measurement of the $K_S^0 \rightarrow \pi^0 \pi^0$ branching fraction using the full CDF Run II data set. Physical Review Letters, 2013, 110, 101801.	1.6	5
496	Signature-based search for delayed photons in exclusive photon plus missing transverse energy events from $pp \rightarrow \tilde{a}^* \tilde{a}^* \gamma$ collisions with $\sqrt{s} = 1.96$ TeV. Physical Review D, 2013, 88, .	1.6	4
497	Search for Pair Production of Strongly Interacting Particles Decaying to Pairs of Jets in $pp \rightarrow \tilde{a}^* \tilde{a}^* \gamma \gamma$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 111, 031802.	2.9	22
498	Measurement of the B_c^0 meson lifetime in the decay $B_c^0 \rightarrow \tilde{a}^* \tilde{a}^* \gamma$. Physical Review Letters, 2013, 111, 031802.	1.6	17
499	Top-quark mass measurement in events with jets and missing transverse energy using the full CDF data set. Physical Review D, 2013, 88, .	1.6	13
500	Measurement of the Differential Cross Section $d\sigma/dp_T$ for $pp \rightarrow \tilde{a}^* \tilde{a}^* \gamma \gamma$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 111, 031802.	2.9	26
501	Evidence for a bottom baryon resonance Λ_b^0 in CDF data. Physical Review D, 2013, 88, .	1.6	34
502	Search for $B_c^0 \rightarrow \tilde{a}^* \tilde{a}^* \gamma$ events produced in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 111, 031802.	1.6	19
503	Measurement of the leptonic asymmetry A_{FB}^{τ} in $pp \rightarrow \tilde{a}^* \tilde{a}^* \tau \tau$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 111, 031802.	1.6	32
504	Search for $B_c^0 \rightarrow \tilde{a}^* \tilde{a}^* \gamma$ events produced in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 111, 031802.	1.6	32

#	ARTICLE	IF	CITATIONS
505	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. Physical Review D, 2013, 87, . Exclusion of exotic top-like quarks with $\hat{\alpha}'$ electric charge using jet-charge tagging in single-lepton $t\bar{t}$ events at CDF.	1.6	122
506	Observation of the Production of a W Boson in Association with a Single Charm Quark. Physical Review Letters, 2013, 110, 071801.	1.6	18
507	Direct Measurement of the Total Decay Width of the Top Quark. Physical Review Letters, 2013, 111, 202001.	2.9	24
508	Search for the production of Z and W boson pairs decaying into charged leptons and jets in $t\bar{t}$ events at CDF.	2.9	33
509	Search for Resonant Top-Antitop Production in the Lepton Plus Jets Decay Mode Using the Full CDF Data Set. Physical Review Letters, 2013, 110, 121802.	1.6	4
510	Search for a Higgs Boson Decaying to ZZ Collisions at $\sqrt{s} = 1.96$ TeV.	2.9	5
511	Measurement of $R = B(\hat{t}\hat{t}^*W_b)/B(\hat{t}\hat{t}^*W_q)$ in top-quark-pair decays using lepton+jet events and the full CDF run II dataset. Physical Review D, 2013, 87, .	1.6	15
512	Decays in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV.	2.9	46
513	Search for a Higgs Boson in the Diphoton Final State in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 011801.	2.9	7
514	Measurement of $R = B(\hat{t}\hat{t}^*W_b)/B(\hat{t}\hat{t}^*W_q)$ in top-quark-pair decays using lepton+jet events and the full CDF run II dataset. Physical Review D, 2013, 87, .	1.6	46
515	Search for the Standard Model Higgs Boson Decaying to a $b\bar{b}$ Pair in Events with No Charged Leptons and Large Missing Transverse Energy using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111805.	2.9	12
516	Search for the Standard Model Higgs Boson Decaying to a $b\bar{b}$ Pair in Events with Two Oppositely Charged Leptons Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111803.	2.9	25
517	Measurement of Z Production in Leptonic Final States at $\sqrt{s} = 1.96$ TeV at CDF. Physical Review Letters, 2012, 108, 101801.	2.9	21
518	Search for a heavy vector boson decaying to two gluons in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 86, .	1.6	2
519	Production of $0, 1, 2, 3$ hyperons in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 86, .	2.9	3
520	Diffraction dijet production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV.	1.6	18
521	Precision Top-Quark Mass Measurement at CDF. Physical Review Letters, 2012, 109, 152003.	2.9	39

#	ARTICLE	IF	CITATIONS
523	Publisher's Note: Novel inclusive search for the Higgs boson in the four-lepton final state at CDF [Phys. Rev. D 86 (11), 072012 (2012)]. Physical Review D, 2012, 86, . Measurements of the Top-Quark Mass and the α_s	1.6	0
524	Cross Section in the Hadronic $t\bar{t}$ Decays	2.9	12
525	Collisions at $\sqrt{s}=1.96$ TeV	1.6	5
526	Search for Dark Matter in Events with One Jet and Missing Transverse Energy in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 211804.	2.9	73
527	Study of substructure of high transverse momentum jets produced in proton-antiproton collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	1.6	37
528	Search for standard model Higgs boson production in association with a W boson using a matrix element technique at CDF in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	1.6	9
529	Search for anomalous production of multiple leptons in association with W and Z bosons at CDF. Physical Review D, 2012, 85, .	1.6	5
530	Search for heavy metastable particles decaying to jet pairs in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	1.6	15
531	Search for a Heavy Particle Decaying to a Top Quark and a Light Quark in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 211805.	2.9	14
532	Measurement of the Difference in CP-Violating Asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays at CDF. Physical Review Letters, 2012, 109, 111801.	2.9	88
533	Measurement of the Bottom-Strange Meson Mixing Phase in the Full CDF Data Set. Physical Review Letters, 2012, 109, 171802.	2.9	62
534	Novel inclusive search for the Higgs boson in the four-lepton final state at CDF. Physical Review D, 2012, 86, . Measurements of the Angular Distributions in the Decays	1.6	7
535	Search for a Heavy Particle Decaying to a Top Quark and a Light Quark in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 211805.	2.9	108
536	Search for the standard model Higgs boson produced in association with a W boson with $\sqrt{s}=7.5$ fb $^{-1}$ integrated luminosity at CDF. Physical Review D, 2012, 86, .	1.6	8
537	Search for the Standard Model Higgs Boson Decaying to bb Pair in Events with One Charged Lepton and Large Missing Transverse Energy Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111804.	2.9	27
538	Search for a Dark Matter Candidate Produced in Association with a Single Top Quark in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 201802.	2.9	19
539	Combined Search for the Standard Model Higgs Boson Decaying to $b\bar{b}$ Pair Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111807.	2.9	28
540	Measurement of the WZ cross section and triple gauge couplings in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV	1.6	28

#	ARTICLE	IF	CITATIONS
541	Measurement of $B_s \rightarrow D_s^* + D_s^*$ Branching Ratios. Physical Review Letters, 2012, 108, 201801.	2.9	18
542	Measurement of CP-violation asymmetries in $D^0 \rightarrow K_S^0 \pi^+ \pi^-$. Physical Review D, 2012, 86, .	1.6	13
543	Search for the Standard Model Higgs Boson Produced in Association with Top Quarks Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 181802.	2.9	15
544	Evidence for the Charmless Annihilation Decay Mode $B \rightarrow s \gamma$. Physical Review Letters, 2012, 108, 211803.	2.9	38
545	Planar pixel sensors for the ATLAS upgrade: beam tests results. Journal of Instrumentation, 2012, 7, P10028-P10028.	0.5	26
546	Recent developments and future perspectives in 3D silicon radiation sensors. Journal of Instrumentation, 2012, 7, C10006-C10006.	0.5	14
547	Measurement of the cross section for top-quark pair production in pp collisions at $\sqrt{s} = 7, \text{TeV}$ with the ATLAS detector using final states with two high-p T leptons. Journal of High Energy Physics, 2012, 2012, 1.	1.6	45
548	Jet mass and substructure of inclusive jets in $\sqrt{s} = 7, \text{TeV}$ pp collisions with the ATLAS experiment. Journal of High Energy Physics, 2012, 2012, 1.	1.6	88
549	Measurement of inclusive two-particle angular correlations in pp collisions with the ATLAS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	12
550	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in 4.7 fb^{-1} of $\sqrt{s} = 7, \text{TeV}$ proton-proton collisions. Journal of High Energy Physics, 2012, 2012, 1.	1.6	53
551	A search for t resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	40
552	Search for the Standard Model Higgs boson in the $H \rightarrow \tau^+ \tau^-$ decay mode in $\sqrt{s} = 7, \text{TeV}$ pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	1.6	43
553	A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at $\sqrt{s} = 7, \text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	34
554	Search for scalar top quark production in pp collisions at $\sqrt{s} = 1.96, \text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	16
555	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	1.6	15
556	Search for a heavy top-quark partner in final states with two leptons with the ATLAS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	54
557	Search for high-mass resonances decaying to dilepton final states in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	54
558	Search for anomalous production of prompt like-sign lepton pairs at $\sqrt{s} = 7, \text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	17

#	ARTICLE	IF	CITATIONS
559	Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $\sqrt{s}=7\text{ TeV}$ pp collisions at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	48
560	Measurement of the branching fraction $B(\bar{b} \rightarrow c + \bar{\nu}_c + \nu_e)$ at CDF. Physical Review D, 2012, 85, .	1.6	6
561	Search for WZ production with missing transverse energy	1.6	6
562	Search for standard model Higgs boson production in association with a W boson at CDF. Physical Review D, 2012, 85, .	1.6	3
563	Measurement of CP-violating asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^0$ decays at CDF. Physical Review D, 2012, 85, .	1.6	65
564	Search for new phenomena in events with two Z bosons and missing transverse momentum in $pp \rightarrow Z\bar{\nu}$ collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review D, 2012, 85, .	1.6	4
565	Search for Higgs bosons produced in association with b quarks. Physical Review D, 2012, 85, .	1.6	28
566	Measurement of the CP-violating phase $\arg(V_{cb} V_{cs}^*)$ in $B \rightarrow D^0 \pi^0$ decays. Physical Review D, 2012, 85, .	1.6	34
567	Measurement of the masses and widths of the bottom baryons Λ_b^0 and Σ_b^0 . Physical Review D, 2012, 85, .	1.6	22
568	Search for high-mass resonances decaying into $Z\pi\pi$ in $pp \rightarrow Z\pi\pi$ collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review D, 2012, 85, .	1.6	13
569	Measurement of the top quark mass in the all-hadronic mode at CDF. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 24-31.	1.5	17
570	Search for the standard model Higgs boson produced in association with a Z boson in $pp \rightarrow ZH$ collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2012, 72, 1.	1.5	2
571	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. European Physical Journal C, 2012, 72, 1.	1.4	248
572	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	100
573	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	13
574	Measurement of $t\bar{t}$ production with a veto on additional central jet activity in pp collisions at $\sqrt{s}=7\text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2012, 72, 2043.	1.4	109
575	A search for $t\bar{t}$ resonances with the ATLAS detector in 2.05 fb^{-1} of proton-proton collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2012, 72, 2083.	1.4	25
576	Search for second generation scalar leptoquarks in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	37

#	ARTICLE	IF	CITATIONS
577	Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	16
578	Measurement of $W \hat{\pm} Z$ production in proton-proton collisions at $\sqrt{s}=7\text{-TeV}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	59
579	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. European Physical Journal C, 2012, 72, 1.	1.4	25
580	Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	22
581	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. European Physical Journal C, 2012, 72, 1.	1.4	13
582	Search for light scalar top-quark pair production in final states with two leptons with the ATLAS detector in $\sqrt{s}=7\text{ TeV}$ proton-proton collisions. European Physical Journal C, 2012, 72, 1.	1.4	31
583	ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	36

584

#	ARTICLE	IF	CITATIONS
595	Measurement of the polarisation of W bosons produced with large transverse momentum in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS experiment. European Physical Journal C, 2012, 72, 1.	1.4	36

596

#	ARTICLE	IF	CITATIONS
613	Measurement of inclusive jet and dijet cross sections in $\sqrt{s} = 7$ TeV proton-proton collisions at the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	114
614	Measurement of the top quark-pair production cross section with ATLAS in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	146
615	Studies of the performance of the ATLAS detector using cosmic-ray muons. European Physical Journal C, 2011, 71, 1.	1.4	17
616	Luminosity determination in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	179
617	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. European Physical Journal C, 2011, 71, 1.	1.4	31
618	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. European Physical Journal C, 2011, 71, 1.	1.4	18
619	Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS experiment. European Physical Journal C, 2011, 71, 1.	1.4	41
620	Improved determination of the sample composition of dimuon events produced in pp collisions at $\sqrt{s} = 1.96$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	1
621	Limits on the production of the standard model Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	40
622	Search for diphoton events with large missing transverse energy with 36 pb^{-1} of 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	15
623	Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy. European Physical Journal C, 2011, 71, 1.	1.4	60
624	Measurement of the jet fragmentation function and transverse profile in proton-proton collisions at a center-of-mass energy of 7 TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	56
625	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb^{-1} of ATLAS data. European Physical Journal C, 2011, 71, 1.	1.4	14
626	Search for massive colored scalars in four-jet final states in $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	39
627	Measurement of the inclusive and dijet cross-sections of b-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	73
628	Measurement of $W^{\pm}Z$ and $Z^{\pm}Z$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	11
629	Inclusive search for same-sign dilepton signatures in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	33
630	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. Journal of High Energy Physics, 2011, 2011, 1.	1.6	65

#	ARTICLE	IF	CITATIONS
631	3D silicon pixel sensors: Recent test beam results. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 628, 216-220.	0.7	9
632	Test beam results of 3D silicon pixel sensors for the ATLAS upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 638, 33-40.	0.7	20
633	Tracking efficiency and charge sharing of 3D silicon sensors at different angles in a 1.4T magnetic field. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 640, 1-10.	0.7	1
634	Measurement of the top quark mass in the $t\bar{t} \rightarrow W^+W^-b\bar{b}$ channel. Physical Review Letters, 2011, 106, 161801.	1.5	10
635	Measurement of the Forward-Backward Asymmetry in the $B^0 \rightarrow K^* \ell^+ \ell^-$ Decay and First Observation of the $B_s^0 \rightarrow \tau^+ \tau^-$ Decay. Physical Review Letters, 2011, 106, 161801.	2.9	45
636	Search for a Heavy Toplike Quark in $pp \rightarrow t\bar{t} + \text{jet} + \text{jet} + \text{jet} + \text{jet}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 261801.	2.9	32
637	Invariant Mass Distribution of Jet Pairs Produced in Association with a W Boson in $pp \rightarrow W + \text{jet} + \text{jet}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 106, 171801.	2.9	108
638	Measurement of the B^0 lifetime using a simulation free approach for trigger bias correction. Physical Review D, 2011, 83, 012001.	1.6	8
639	Search for Heavy Bottomlike Quarks Decaying to an Electron or Muon and Jets in $pp \rightarrow W + \text{jet} + \text{jet} + \text{jet} + \text{jet}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 106, 141803.	1.6	24
640	Search for New Heavy Particles in $pp \rightarrow W + \text{jet} + \text{jet} + \text{jet} + \text{jet}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 106, 141803.	2.9	54
641	Search for New Heavy Particles in $pp \rightarrow W + \text{jet} + \text{jet} + \text{jet} + \text{jet}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 106, 141803.	2.9	31
642	Search for new heavy particles decaying to $Z\tau^+\tau^-$ in $pp \rightarrow Z\tau^+\tau^- + \text{jet} + \text{jet} + \text{jet} + \text{jet}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 83, 012001.	2.9	24
643	Search for new heavy particles decaying to $Z\tau^+\tau^-$ in $pp \rightarrow Z\tau^+\tau^- + \text{jet} + \text{jet} + \text{jet} + \text{jet}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 83, 012001.	1.6	7
644	Measurement of the top pair production cross section in the $t\bar{t} \rightarrow W^+W^-b\bar{b}$ channel using a jet flavor discriminant. Physical Review Letters, 2011, 106, 161801.	1.6	10
645	Measurement of the B^0 lifetime in Fully and Partially Reconstructed $B^0 \rightarrow D_s^* \tau^+ \tau^-$ Decays in $pp \rightarrow B^0 \tau^+ \tau^-$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 272001.	1.6	14
646	Measurement of the B^0 Lifetime in Fully and Partially Reconstructed $B^0 \rightarrow D_s^* \tau^+ \tau^-$ Decays in $pp \rightarrow B^0 \tau^+ \tau^-$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 272001.	1.6	6
647	Measurement of the B^0 Lifetime in Fully and Partially Reconstructed $B^0 \rightarrow D_s^* \tau^+ \tau^-$ Decays in $pp \rightarrow B^0 \tau^+ \tau^-$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 272001.	2.9	13
648	First Search for Multijet Resonances in $pp \rightarrow \text{jet} + \text{jet} + \text{jet} + \text{jet} + \text{jet} + \text{jet}$ Collisions. Physical Review Letters, 2011, 107, 042001.	2.9	37

#	ARTICLE	IF	CITATIONS
649	Measurement of the Cross Section for Prompt Isolated Diphoton Production in Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	2.9	7
650	Measurement of Polarization and Search for CP Violation in $B_s^0 \rightarrow \tau^+ \tau^-$ Decays. Physical Review Letters, 2011, 107, 261802.	2.9	32
651	Measurement of Anomalous Trilinear Gauge Couplings in $Z \rightarrow \tau^+ \tau^-$ Events from Collisions at $\sqrt{s} = 1.96$ TeV. Search for Production of Heavy Particles Decaying to Top Quarks and Invisible Particles in Collisions at $\sqrt{s} = 1.96$ TeV.	2.9	26
652	Search for Production of Heavy Particles Decaying to Top Quarks and Invisible Particles in Collisions at $\sqrt{s} = 1.96$ TeV.	2.9	25
653	Search for Production of Heavy Particles Decaying to Top Quarks and Invisible Particles in Collisions at $\sqrt{s} = 1.96$ TeV. Mass Region from $Z \rightarrow \tau^+ \tau^-$	2.9	48
654	Evidence for $t\bar{t}$ production and measurement of $\sigma(t\bar{t})/\sigma(t\bar{t})$. Physical Review D, 2011, 84, .	1.6	24
655	Measurement of the cross section for prompt isolated diphoton production in collisions at $\sqrt{s} = 1.96$ TeV. Search for a Very Light Higgs Boson in Top Quark Decays from $B \rightarrow \tau^+ \tau^-$	1.6	31
656	Search for a Very Light Higgs Boson in Top Quark Decays from $B \rightarrow \tau^+ \tau^-$ Collisions at $\sqrt{s} = 1.96$ TeV.	2.9	16
657	Observation of the Baryonic Flavor-Changing Neutral Current Decay $B \rightarrow \tau^+ \tau^-$. Physical Review Letters, 2011, 107, 201802.	2.9	121
658	Search for $B \rightarrow \tau^+ \tau^-$ Decays from $B \rightarrow \tau^+ \tau^-$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, .	2.9	37
659	Observation of $B_s^0 \rightarrow \tau^+ \tau^- K^*(892)^0$ and $B_s^0 \rightarrow \tau^+ \tau^- K_S^0$ decays. Physical Review D, 2011, 83, .	1.6	21
660	Measurements of branching fraction ratios and CP-asymmetries in suppressed $B \rightarrow \tau^+ \tau^- D(\tau^+ K + \bar{\tau}^+ \bar{K})$ and $B \rightarrow \tau^+ \tau^- D(\tau^+ K + \bar{\tau}^+ \bar{K})$ decays. Physical Review D, 2011, 84, .	1.6	16
661	Search for New Dielectron Resonances and Randall-Sundrum Gravitons at the Collider Detector at Fermilab. Physical Review Letters, 2011, 107, 051801.	2.9	20
662	Top-Quark Mass Measurement Using Events with Missing Transverse Energy and Jets at CDF. Physical Review Letters, 2011, 107, 232002.	2.9	7
663	Measurements of Direct CP Violating Asymmetries in Charmless Decays of Strange Bottom Mesons and Bottom Baryons. Physical Review Letters, 2011, 106, 181802.	2.9	50
664	Observation of the $B \rightarrow \tau^+ \tau^-$ Decays from $B \rightarrow \tau^+ \tau^-$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 102001.	2.9	28
665	Measurement of the Mass Difference between t and \bar{t} Quarks. Physical Review Letters, 2011, 106, 152001.	2.9	25
666	Search for New Physics in High T Like-Sign Dilepton Events at CDF II. Physical Review Letters, 2011, 107, 181801.	2.9	22

#	ARTICLE	IF	CITATIONS
667	Search for High Mass Resonances Decaying to Muon Pairs in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011, 106, 121801.	2.9	34
668	Overview of silicon pixel sensor development for the ATLAS insertable B-layer (IBL). , 2011, , .		2
669	Study of multi-muon events produced in pp interactions at $\sqrt{s}=1.96$ TeV. <i>European Physical Journal C</i> , 2010, 68, 109-118.	1.4	5
670	Comments and Reply on: "Study of multi-muon events produced in pp interactions at $\sqrt{s}=1.96$ TeV", T. Aaltonen et al. (The CDF Collaboration). <i>European Physical Journal C</i> , 2010, 68, 119-123.	1.4	0
671	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. <i>European Physical Journal C</i> , 2010, 70, 723-753.	1.4	61
672	The ATLAS Inner Detector commissioning and calibration. <i>European Physical Journal C</i> , 2010, 70, 787-821.	1.4	95
673	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. <i>European Physical Journal C</i> , 2010, 70, 755-785.	1.4	51
674	Commissioning of the ATLAS Muon Spectrometer with cosmic rays. <i>European Physical Journal C</i> , 2010, 70, 875-916.	1.4	23
675	The ATLAS Simulation Infrastructure. <i>European Physical Journal C</i> , 2010, 70, 823-874.	1.4	1,187
676	Readiness of the ATLAS Tile Calorimeter for LHC collisions. <i>European Physical Journal C</i> , 2010, 70, 1193-1236.	1.4	121
677	Performance of the ATLAS detector using first collision data. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	1.6	18
678	Measurement of the $W \rightarrow \tau \nu$ and $Z \rightarrow \tau \tau$ production cross sections in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	1.6	64
679	Measurement of $W \rightarrow \tau \nu$ production cross sections in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	1.5	16
680	Measurement of $W \rightarrow \tau \nu$ production cross sections in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	1.5	73
681	Search for Technicolor Particles Produced in Association with W Boson at CDF. <i>Physical Review Letters</i> , 2010, 104, 111802.	2.9	20
682	Search for Technicolor Particles Produced in Association with W Boson at CDF. <i>Physical Review Letters</i> , 2010, 104, 111802.	2.9	7
683	Inclusive Search for Standard Model Higgs Boson Production in the WW Decay Channel Using the CDF II Detector. <i>Physical Review Letters</i> , 2010, 104, 061803.	2.9	38
684	Publisher's Note: Measurement of the $W+W$ Production Cross Section and Search for Anomalous WW and WWZ Couplings in pp Collisions at $\sqrt{s}=1.96$ TeV [Phys. Rev. Lett. 104, 201801 (2010)]. <i>Physical Review Letters</i> , 2010, 105, .		1

#	ARTICLE	IF	CITATIONS
685	Measurement of the b Lifetime in $b \rightarrow c + \bar{c} + \bar{e}$ Decays in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 102002.	2.9	27
686	Search for the Production of Scalar Bottom Quarks in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 081802. Search for Pair Production of Supersymmetric Top Quarks in Dilepton Events from $p\bar{p}$ Collisions	2.9	23
687	$p\bar{p} \rightarrow b\bar{b}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 251801.	2.9	30
688	Improved Search for a Higgs Boson Produced in Association with $Z + l + \bar{l}$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 251802.	2.9	9
689	Measurement of the $W + W^*$ Production Cross Section and Search for Anomalous WWZ and WWZ Couplings in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 201801.	2.9	64
690	Measurement of the $WW + WZ$ Production Cross Section Using the lepton + jets Final State at CDF II. Physical Review Letters, 2010, 104, 101801.	2.9	25
691	Exclusion of an Exotic Top Quark with $\frac{2}{3}$ Electric Charge Using Soft Lepton Tagging. Physical Review Letters, 2010, 105, 101801.	2.9	15
692	Measurement of W -Boson Polarization in Top-Quark Decay in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 042002.	2.9	30
693	Search for the Higgs Boson Using Neural Networks in Events with Missing Energy and b -Quark Jets in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 141801.	2.9	11
694	First Measurement of the b -jet Cross Section in Events with a W -Boson in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 141801.	2.9	49
695	Measurement of the top quark mass and $p\bar{p} \rightarrow t\bar{t}$ cross section in the all-hadronic mode with the CDF II detector. Physical Review D, 2010, 81, .	1.6	25
696	Measurement of the $WW + WZ$ production cross section using a matrix element technique in lepton + jet events. Physical Review D, 2010, 82, .	1.6	10
697	Search for WW and WZ Resonances Decaying to Electron, Missing ET, and Two Jets in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 241801.	2.9	27
698	Measurement of the Ratio $\sigma(\bar{t}t) / \sigma(\bar{b}b)$ and Precise Extraction of the $t\bar{t}$ Cross Section. Physical Review Letters, 2010, 105, 012001.	2.9	56
699	Search for New Physics with a Dijet Plus Missing ET Signature in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 131801.	2.9	10
700	Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events with Missing Transverse Energy at CDF II. Physical Review Letters, 2010, 104, 011801. Search for New Bottomlike Quark Pair Decays	2.9	32
701	$p\bar{p} \rightarrow Q\bar{Q}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 251801.	2.9	30

#	ARTICLE	IF	CITATIONS
703	Diffraction production of WZ at the Fermilab Tevatron. Physical Review D, 2010, 82, .	1.6	24
704	Direct Top-Quark Width Measurement at CDF. Physical Review Letters, 2010, 105, 232003.	2.9	24
705	Observation of single top quark production and measurement of $ V_{tb} $ with CDF. Physical Review D, 2010, 82, .	1.6	77
706	Studying the underlying event in Drell-Yan and high transverse momentum jet production at the Tevatron. Physical Review D, 2010, 82, .	1.6	50
707	Study of the associated production of photons and b-quark jets in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 81, .	1.6	22
708	Measurement of $Z\bar{\nu}\nu$ production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.6	8
709	Search for anomalous production of events with two photons and additional energetic objects at CDF. Physical Review D, 2010, 82, .	1.6	14
710	Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.6	6
711	Measurement of the top pair production cross section in the dilepton decay channel in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.6	29
712	Measurement of the top quark mass in the dilepton channel using m_{T2} at CDF. Physical Review D, 2010, 81, .	1.6	23
713	Measurements of branching fraction ratios and CP asymmetries in $B_{d,s}^0 \rightarrow \mu^+ \mu^-$ decays in hadron collisions. Physical Review D, 2010, 81, .	1.6	22
714	Updated search for the flavor-changing neutral-current decay $D^0 \rightarrow \pi^+ \pi^-$ in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.6	8
715	Measurements of the top-quark mass using charged particle tracking. Physical Review D, 2010, 81, .	1.6	22
716	Search for single top quark production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV in the missing transverse energy plus jets topology. Physical Review D, 2010, 81, .	1.6	15
717	Inclusive Search for Squark and Gluino Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 121801.	2.9	69
718	Search for High-Mass Resonances Decaying to Dimuons at CDF. Physical Review Letters, 2009, 102, 091805.	2.9	87
719	First Observation of $B \rightarrow s\gamma$ and Measurement of the Ratio of Branching Fractions $\frac{\mathcal{B}(B \rightarrow s\gamma)}{\mathcal{B}(B \rightarrow \mu^+ \mu^-)}$. Physical Review Letters, 2009, 103, 191802.	2.9	21
720	Observation of New Charmless Decays of Bottom Hadrons. Physical Review Letters, 2009, 103, 031801.	2.9	44

#	ARTICLE	IF	CITATIONS
721	First Observation of Vector Boson Pairs in a Hadronic Final State at the Tevatron Collider. Physical Review Letters, 2009, 103, 091803.	2.9	20
722	Search for Higgs Bosons Predicted in Two-Higgs-Doublet Models via Decays to Tau Lepton Pairs in 1.96 TeV Collisions. Physical Review Letters, 2009, 103, 201801.	2.9	43
723	Direct Bound on the Total Decay Width of the Top Quark in 1.96 TeV Collisions. Physical Review Letters, 2009, 102, 042001.	2.9	15
724	Search for Long-Lived Massive Charged Particles in 1.96 TeV Collisions. Physical Review Letters, 2009, 103, 021802.	2.9	58
725	Search for Maximal Flavor Violating Scalars in Same-Charge Lepton Pairs in 1.96 TeV Collisions. Physical Review Letters, 2009, 102, 041801.	2.9	22
726	Direct Measurement of the Production Charge Asymmetry in Collisions at 1.96 TeV . Physical Review Letters, 2009, 103, 041801.	2.9	91
727	Measurement of Resonance Parameters of Orbitally Excited Narrow Mesons. Physical Review Letters, 2009, 102, 102003.	1.6	4
728	Search for a Higgs Boson Decaying to Two W Bosons at CDF. Physical Review Letters, 2009, 102, 021802.	2.9	22
730	Search for anomalous production of events with a photon, jet, b -quark jet, and missing transverse energy. Physical Review D, 2009, 80, .	1.6	4
731	Evidence for a Narrow Near-Threshold Structure in the $B \rightarrow J/\psi K$ Resonances. Physical Review Letters, 2009, 103, 041801.	2.9	52
732	Measurement of cross sections for $B \rightarrow J/\psi K$ production in events with a Z boson in 1.96 TeV collisions. Physical Review Letters, 2009, 102, 242002.	2.9	275
733	Search for a Standard Model Higgs Boson in 1.96 TeV Collisions. Physical Review Letters, 2009, 103, 041801.	1.6	29
734	Search for the Decays $B(s) \rightarrow e^+ e^- \gamma$ and $B(s) \rightarrow e^+ e^- \gamma$ in CDF Run II. Physical Review Letters, 2009, 102, 201801.	2.9	33
735	Top quark mass measurement in the lepton plus jets channel using a modified matrix element method. Physical Review D, 2009, 79, .	2.9	94
736	Search for Top-Quark Production via Flavor-Changing Neutral Currents in Jet Events at CDF. Physical Review Letters, 2009, 102, 151801.	2.9	57

#	ARTICLE	IF	CITATIONS
739	Observation of Exclusive Charmonium Production and $\int^3 \int^3 \langle \hat{T} \rangle \langle \text{msup} \langle \hat{T}^{1/4} \rangle \langle \text{mover} \langle \hat{T} \rangle \langle \text{msub} \langle k \rangle \langle T \rangle \langle \text{msub} \rangle \rangle \rangle \rangle$ Measurement of the $\langle \text{msub} \langle k \rangle \langle T \rangle \langle \text{msub} \rangle \rangle \rangle$ Distribution of Particles in Jets Produced in $\langle \text{msub} \langle p \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$ Collisions at $\langle \text{msort} \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$ Collisions ats=1.96 TeV. Physical Review Letters, 2009, 102, 221801.	2.9	153
740	First Measurement of the $\langle \text{msub} \langle p \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$ Differential Cross Section $\langle \text{msub} \langle p \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$ in pp Collisions ats=1.96 TeV. Physical Review Letters, 2009, 102, 222003.	2.9	14
741	Search for Gluino-Mediated Bottom Squark Production in $\langle \text{msort} \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$ Collisions ats=1.96 TeV. Physical Review Letters, 2009, 102, 221801.	2.9	13
742	First Measurement of the $\langle \text{msub} \langle p \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$ Differential Cross Section $\langle \text{msub} \langle p \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$ in pp Collisions ats=1.96 TeV. Physical Review Letters, 2009, 102, 222003.	2.9	115
743	Search for new physics in the $\langle \text{msub} \langle p \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$ process with a low- $\langle \text{msub} \langle p \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$ cross section Search for High-Mass $\langle \text{msub} \langle p \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$ lepton pairs in $\langle \text{msub} \langle p \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$ Collisions at $\langle \text{msort} \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$ Collisions ats=1.96 TeV. Physical Review Letters, 2009, 103, 061803.	1.6	5
744	Search for High-Mass $\langle \text{msub} \langle p \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$ lepton pairs in $\langle \text{msub} \langle p \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$ Collisions at $\langle \text{msort} \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$ Collisions ats=1.96 TeV. Physical Review Letters, 2009, 103, 061803.	2.9	59
745	Search for the Associated Production of the Standard-Model Higgs Boson in the All-Hadronic Channel. Physical Review Letters, 2009, 103, 221801.	2.9	10
746	Search for a Fermiophobic Higgs Boson Decaying into Diphotons in $\langle \text{msort} \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$ Collisions ats=1.96 TeV. Physical Review Letters, 2009, 103, 061803.	2.9	28
747	Measurement of the Top-Quark Mass with Dilepton Events Selected Using Neuroevolution at CDF. Physical Review Letters, 2009, 102, 152001.	2.9	42
748	Observation of Electroweak Single Top-Quark Production. Physical Review Letters, 2009, 103, 092002.	2.9	199
749	First measurement of the ratio of branching fractions $\langle \text{msub} \langle p \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$ $\langle \text{msub} \langle p \rangle \langle \text{mover} \langle \text{accnt}=\text{true} \rangle \langle \text{msub} \langle p \rangle \langle \text{mover} \rangle \langle \text{math} \rangle \rangle \rangle$		

#	ARTICLE	IF	CITATIONS
757	Global search for new physics with $2.0 \leq \sqrt{s} \leq 1$ at CDF. Physical Review D, 2009, 79, .	1.6	53
758	Measurement of the $t\bar{t}$ -cross section in $p\bar{p} \rightarrow t\bar{t}$ collisions at $\sqrt{s} = 1.96$ TeV using dilepton events with a lepton plus track selection. Physical Review D, 2009, 79, .	1.6	12
759	Search for standard model Higgs boson production in association with a W boson using a neural network discriminant at CDF. Physical Review D, 2009, 80, .	1.6	6
760	Measurement of the ratio of branching fractions $B(B \rightarrow \tau^+ \nu) / B(B \rightarrow K^+ \nu)$. Physical Review D, 2009, 79, .	1.6	3
761	Search for the rare decays $B \rightarrow \tau^+ \nu + \tau^+ \nu + K^+$, $B \rightarrow \tau^+ \nu + \tau^+ \nu + K^*(892)^0$, and $B \rightarrow \tau^+ \nu + \tau^+ \nu + \bar{K}^0$ at CDF. Physical Review D, 2009, 79, .		
762	Measurement of the $t\bar{t}$ production cross section in $W^+ W^- t\bar{t}$ events. Physical Review D, 2009, 79, .	1.6	13
763	Measurement of the $t\bar{t}$ production cross section in $W^+ W^- t\bar{t}$ events using a matrix element technique in all hadronic channels. Physical Review D, 2009, 79, .	1.6	10
764	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon $t\bar{t}$ -tagged events. Physical Review D, 2009, 80, .	1.6	8
765	Search for $W^+ W^- t\bar{t}$ and $W^+ W^- t\bar{t}$ plus jets. Physical Review D, 2009, 79, .	1.6	2
766	Measurement of the fraction of $t\bar{t}$ production via gluon-gluon fusion in $p\bar{p} \rightarrow t\bar{t} + \text{jet}$ collisions. Physical Review D, 2009, 79, .	1.6	12
767	Measurement of the $t\bar{t}$ production cross section at $\sqrt{s} = 1.96$ TeV in $p\bar{p} \rightarrow t\bar{t} + \text{jet}$ collisions. Physical Review D, 2009, 79, .	1.6	64
768	First simultaneous measurement of the top quark mass in the lepton+jets and dilepton channels at CDF. Physical Review D, 2009, 79, .	1.6	25
769	Measurement of the hadron production cross section using decays to final states in $p\bar{p} \rightarrow t\bar{t}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 79, .	1.6	18
770	Searching the inclusive $t\bar{t}$ signature for radiative top quark decay and non-standard-model processes. Physical Review D, 2009, 80, .	1.6	5
771	Search for Z bosons in photon events in $p\bar{p} \rightarrow Z + \text{jet}$ collisions. Physical Review D, 2009, 79, .	1.6	0
772	Measurement of the top quark mass at CDF using the $t\bar{t}$ template method on a lepton plus isolated track sample. Physical Review D, 2009, 79, .	1.6	10
773	Search for Z bosons in $p\bar{p} \rightarrow Z + \text{jet}$ collisions. Physical Review D, 2009, 79, .	1.6	3
774	Search for chargino-neutralino production in $p\bar{p} \rightarrow \tilde{\chi}^{\pm} \tilde{\chi}^0 + \text{jet}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2008, 77, .	1.6	12

#	ARTICLE	IF	CITATIONS
775	First run II measurement of the W boson mass at the Fermilab Tevatron. Physical Review Letters, 2008, 100, 091803.	1.6	49
776	Limits on the production of narrow t resonances in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 091803.	1.6	35
777	Search for heavy, long-lived neutralinos that decay to photons at CDF II using photon timing. Physical Review D, 2008, 78, .	1.6	76
778	Search for heavy, long-lived neutralinos that decay to photons at CDF II using photon timing. Physical Review D, 2008, 78, .	1.6	15
779	Cross section measurements of high- p_T dilepton final-state processes using a global fitting method. Physical Review D, 2008, 78, .	1.6	8
780	First Measurement of W Boson Production in Association with a Single Charm Quark in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 091803.	2.9	35
781	Measurement of the inclusive jet cross section at the Fermilab Tevatron collider using a cone-based jet algorithm. Physical Review D, 2008, 78, .	1.6	149
782	Search for $B_s \rightarrow \tau \nu$ and $B \rightarrow \tau \nu$ Decays with Missing Transverse Energy and W Jets Produced in pp Collisions. Physical Review Letters, 2008, 100, 101802.	2.9	17
783	Search for Standard Model Higgs Bosons Produced in Association with W Bosons. Physical Review Letters, 2008, 100, 041801.	2.9	13
784	Search for Standard Model Higgs Bosons Produced in Association with W Bosons. Physical Review Letters, 2008, 100, 041801.	2.9	13
785	Measurement of the Single-Top-Quark Production Cross Section at CDF. Physical Review Letters, 2008, 101, 252001.	2.9	45
786	Measurement of jet shapes in inclusive jet production in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 091803.	1.6	11
787	Measurement of ratios of fragmentation fractions for bottom hadrons in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2008, 77, .	1.6	9
788	Measurement of correlated $b\bar{b}$ production in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2008, 77, .	1.6	23
789	Forward-Backward Asymmetry in Top Quark Production in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 021803.	2.9	187
790	Measurement of ratios of fragmentation fractions for bottom hadrons in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2008, 77, .	1.6	30
791	First Observation of the Decay $B_s \rightarrow D_s \nu$ and Measurement of Its Branching Ratio. Physical Review Letters, 2008, 100, 021803.	2.9	16
792	Search for Supersymmetry in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 251801.	2.9	56

#	ARTICLE	IF	CITATIONS
793	Strong Evidence for ZZ Production in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 201801.	2.9	30
794	Search for standard model Higgs boson production in association with a W boson at CDF. Physical Review D, 2008, 78, .	1.6	10
795	Search for the Higgs Boson Produced in Association with $Z\tau^+\tau^-$ in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 251803.	2.9	4
796	Measurement of Lifetime and Decay-Width Difference in $B_s^0 \rightarrow J/\psi K^0$ Decays. Physical Review Letters, 2008, 100, 121803.	2.9	39
797	Search for Resonant $t\bar{t}$ Production in $t\bar{t}$ Collisions	2.9	41
798	Observation of Orbitally Excited $B_s^0 \rightarrow \rho^0 K^0$ Mesons. Physical Review Letters, 2008, 100, 082001.	2.9	80
799	Measurement of the $B \rightarrow \rho^0 K^0$ in Collisions	2.9	60
800	Evidence for $D^0 \rightarrow \rho^0 K^0$ Mixing Using the CDF II Detector. Physical Review Letters, 2008, 100, 121802.	2.9	100
801	Observation of the Decay $B_c \rightarrow \rho^0 K^0$ Measurement of the $B_c \rightarrow \rho^0 K^0$ Search for Large Extra Dimensions in Final States Containing One Photon or Jet and Large Missing Transverse Energy Produced in $t\bar{t}$ Collisions	2.9	106
802	Search for Large Extra Dimensions in Final States Containing One Photon or Jet and Large Missing Transverse Energy Produced in $t\bar{t}$ Collisions	2.9	81
803	Violation in $C \rightarrow P$ at $\sqrt{s}=1.96$ TeV	2.9	179
804	Cross-Section-Constrained Top-Quark Mass Measurement from Dilepton Events at the Tevatron. Physical Review Letters, 2008, 100, 062005.	2.9	17
805	Analysis of the Quantum Numbers J^{PC} of the $X(3872)$ Particle. Physical Review Letters, 2007, 98, 132002.	2.9	193
806	Measurement of the $t\bar{t}$ production cross section and the top quark mass at $\sqrt{s}=1.96$ TeV in the all-hadronic decay mode. Physical Review D, 2007, 76, .	1.6	24
807	Search for Exclusive $\pi^0 \pi^0$ Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 99, 242002.	2.9	59
808	Measurement of the $b \rightarrow c$ Lifetime in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 122001.	2.9	24
809	Polarizations of J/ψ and Υ in $t\bar{t}$ Collisions	2.9	192
810	Measurement of the Ratios of Branching Fractions $B(B_s^0 \rightarrow D_s^+ \tau^- \nu_\tau) / B(B_s^0 \rightarrow D_s^+ \mu^- \nu_\mu)$ and $B(B_s^0 \rightarrow D_s^+ \tau^- \nu_\tau) / B(B_s^0 \rightarrow D_s^+ \mu^- \nu_\mu)$. Physical Review Letters, 2007, 98, 061802.	2.9	192

#	ARTICLE	IF	CITATIONS
811	Measurement of the inclusive jet cross section using the k _T algorithm in pp collisions at $\sqrt{s}=1.96$ TeV with the CDF II detector. Physical Review D, 2007, 75, .	1.6	114
812	Measurement of $f(\rho\hat{A}^{\dagger}Z)\hat{A}\cdot B(Z\hat{A}^{\dagger}i,,i)$ in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	1.6	24
813	Search for Chargino-Neutralino Production in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 191806.	2.9	11
814	Search for V+A Current in Top-Quark Decays in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 072001.	2.9	22
815	Inclusive Search for New Physics with Like-Sign Dilepton Events in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 221803.	2.9	41
816	Observation of the Heavy Baryons Λ_c^+ and Λ_c^0 in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 202001.	2.9	105
817	Measurement of $f(\rho\hat{A}^{\dagger}Z)\hat{A}\cdot B(Z\hat{A}^{\dagger}i,,i)$ in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 122002.	2.9	23
818	Search for new particles leading to jets and final states in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 171802.	1.6	30
819	Observation of Exclusive Electron-Positron Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 99, 171802.	2.9	69
820	Observation of Exclusive Electron-Positron Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 98, 112001.	2.9	79
821	First Measurement of the W -Boson Mass in Run II of the Tevatron. Physical Review Letters, 2007, 99, 151801.	2.9	46
822	Precise Measurement of the Top-Quark Mass in the Lepton+Jets Topology at CDF II. Physical Review Letters, 2007, 99, 182002.	2.9	26
823	Search for Heavy Long-Lived Particles that Decay to Photons at CDF II. Physical Review Letters, 2007, 99, 121801.	2.9	22
824	Observation of WZ Production. Physical Review Letters, 2007, 98, 161801.	2.9	36
825	Search for High-Mass Diphoton States and Limits on Randall-Sundrum Gravitons at CDF. Physical Review Letters, 2007, 99, 171801.	2.9	19
826	Measurement of the B^+ production cross section in pp collisions at $\sqrt{s}=1.96$ GeV. Physical Review D, 2007, 75, .	1.6	45
827	Precision measurement of the top-quark mass from dilepton events at CDF II. Physical Review D, 2007, 75, .	1.6	29
828	Search for $W\hat{A}^2$ boson decaying to electron-neutrino pairs in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	1.6	20

#	ARTICLE	IF	CITATIONS
829	Measurement of the helicity fractions of W bosons from top quark decays using fully reconstructed $t\bar{t}$ events with CDF II. <i>Physical Review D</i> , 2007, 75, .	1.6	25
830	Measurements of inclusive W and Z cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007, 34, 2457-2544. Limits on anomalous triple gauge couplings in e^+e^- collisions	1.4	188
831	$p\bar{p} \rightarrow W^{\pm} + \text{collisions}$ at CDF II. <i>Physical Review D</i> , 2007, 76, .	1.6	18
832	Measurement of the top-quark mass using missing E_T + jet events with secondary vertex b-tagging at CDF II. <i>Physical Review D</i> , 2007, 75, .	1.6	7
833	Observation of $B_s \rightarrow B^0$ oscillations. <i>Physical Review Letters</i> , 2006, 97, 242003.	2.9	311
834	Search for Excited and Exotic Muons in the $\mu \rightarrow e \gamma$ Decay Channel in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2006, 97, 191802.	2.9	19
835	Measurement of the helicity of W bosons in top-quark decays. <i>Physical Review D</i> , 2006, 73, .	1.6	21
836	Measurement of the ratio of branching fractions $B(D_0 \rightarrow K^+ \bar{K}^0) / B(D_0 \rightarrow K^+ \bar{K}^0)$ using the CDF II detector. <i>Physical Review D</i> , 2006, 74, .	1.6	13
837	Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using lepton + jet events with jet probability b-tagging. <i>Physical Review D</i> , 2006, 74, .	1.6	72
838	Measurement of the b-jet cross section in events with a Z boson in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2006, 74, .	1.6	20
839	Top quark mass measurement using the template method in the lepton + jets channel at CDF II. <i>Physical Review D</i> , 2006, 73, .	1.6	124
840	Search for High-Mass Resonances Decaying to e^+e^- in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2006, 96, 211802.	2.9	31
841	Evidence for the Exclusive Decay $B_c \rightarrow \bar{K}^0 \ell^+ \ell^-$ and Measurement of the Mass of the B_c Meson. <i>Physical Review Letters</i> , 2006, 96, 082002.	2.9	76
842	Precision Top-Quark Mass Measurement in the Lepton + Jets Topology in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2006, 96, 022004.	2.9	31
843	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow D_s^+ \ell^-) / B(B \rightarrow D^+ \ell^-)$ and $B(B \rightarrow D^0 \ell^+ \ell^-) / B(B \rightarrow D^+ \ell^-)$. <i>Physical Review Letters</i> , 2006, 96, 191801.	2.9	15
844	Search for Neutral Higgs Bosons of the Minimal Supersymmetric Standard Model Decaying to $\tau^+ \tau^-$ Pairs in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2006, 96, 011802.	2.9	63
845	Top-Quark Mass Measurement from Dilepton Events at CDF II. <i>Physical Review Letters</i> , 2006, 96, 152002.	2.9	25
846	Measurement of the $t\bar{t}$ Production Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2006, 97, 082004.	2.9	72

#	ARTICLE	IF	CITATIONS
847	Search for Large Extra Dimensions in the Production of Jets and Missing Transverse Energy in $p\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 97, 171802.	2.9	43
848	Top quark mass measurement from dilepton events at CDF II with the matrix-element method. Physical Review D, 2006, 74, .	1.6	24
849	Search for a Neutral Higgs Boson Decaying to a W Boson Pair in $p\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 97, 081802.	2.9	19
850	Measurement of the B_c Meson Lifetime Using the Decay Mode $B_c \rightarrow \tau^+ \nu_\tau$. Physical Review Letters, 2006, 97, 012002.	2.9	73
851	Measurement of the Dipion Mass Spectrum in $X(3872) \rightarrow \rho^+ \rho^-$ Decays. Physical Review Letters, 2006, 96, 102002.	2.9	121
852	Search for $Z \rightarrow e^+ e^-$ Using Dielectron Mass and Angular Distribution. Physical Review Letters, 2006, 96, 211801.	2.9	69
853	Search for Charged Higgs Bosons from Top Quark Decays in $p\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 042003.	2.9	103
854	Observation of $B_s \rightarrow K^+ K^-$ and Measurements of Branching Fractions of Charmless Two-Body Decays of B^0 and B_s^0 Mesons in $p\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 97, 211802.	2.9	56
855	Measurement of the $B_s \rightarrow B_s^0$ Oscillation Frequency. Physical Review Letters, 2006, 97, 062003.	2.9	141
856	Helicity of the W boson in lepton+jets $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevi. Physics$	1.5	54
857	Search for New High-Mass Particles Decaying to Lepton Pairs in $p\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 95, 252001.	2.9	42
858	Search for Narrow $\tau\tau$ -Resonances in $p\bar{p}$ -Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2004, 92, 221801.	2.9	22
859	Observation and Properties of the $X(3872)$ Decaying to $J/\psi \rho^+ \rho^-$ in $p\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2004, 93, 162002.	2.9	494
860	A precision measurement of the mass of the top quark. Nature, 2004, 429, 638-642.	13.7	232
861	Search for Large Extra Dimensions in the Monojet+ E_T Channel with the $D\bar{A}$ Detector. Physical Review Letters, 2003, 90, 251802.	2.9	54
862	$t\bar{t}$ production cross section in $p\bar{p}$ -collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2003, 67, .	1.6	33
863	Direct Search for Charged Higgs Bosons in Decays of Top Quarks. Physical Review Letters, 2002, 88, 151803.	2.9	40
864	Improved W boson mass measurement with the $D\bar{A}$ detector. Physical Review D, 2002, 66, .	1.6	40

#	ARTICLE	IF	CITATIONS
865	The production cross section and angular correlations in collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 264-272.	1.5	110
866	Measurement of the W boson mass using large rapidity electrons. Physical Review D, 2000, 62, .	1.6	32
867	Differential Production Cross Section of Z Bosons as a Function of Transverse Momentum at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 84, 2792-2797.	2.9	40
868	Small-Angle Muon and Bottom-Quark Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 84, 5478-5483.	2.9	39
869	Cross Section for b-Jet Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 85, 5068-5073.	2.9	68
870	Search for Charged Higgs Bosons in Decays of Top Quark Pairs. Physical Review Letters, 1999, 82, 4975-4980.	2.9	82
871	Search for Nonstandard Higgs Bosons Using High Mass Photon Pairs in $p\bar{p} \rightarrow \gamma^* \gamma^* \rightarrow 3+2$ Jets at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1999, 82, 2244-2249.	2.9	28
872	Measurement of the Top Quark Mass Using Dilepton Events. Physical Review Letters, 1998, 80, 2063-2068.	2.9	110
873	Measurement of the W boson mass. Physical Review D, 1998, 58, .	1.6	54
874	Studies of gauge boson pair production and trilinear couplings. Physical Review D, 1997, 56, 6742-6778.	1.6	29