

# Alberto Annovi

## List of Publications by Year in descending order

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Version: 2024-02-01

1,394  
papers

73,228  
citations

944

115  
h-index

2375

198  
g-index

1405  
all docs

1405  
docs citations

1405  
times ranked

14408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for new phenomena in three- or four-lepton events in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136832.	1.5	7
2	Emulating the impact of additional proton-proton interactions in the ATLAS simulation by presampling sets of inelastic Monte Carlo events. Computing and Software for Big Science, 2022, 6, 1.	1.3	5
3	Search for heavy particles in the b-tagged dijet mass distribution with additional b-tagged jets in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS experiment. Physical Review D, 2022, 105, .	1.6	2
4	Performance of the ATLAS Level-1 topological trigger in Run2. European Physical Journal C, 2022, 82, 1.	1.4	6
5	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
6	Operation and performance of the ATLAS semiconductor tracker in LHC Run2. Journal of Instrumentation, 2022, 17, P01013.	0.5	1
7	Search for Higgs boson decays into a pair of pseudoscalar particles in the final state with the ATLAS detector in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137066.	1.6	17
8	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
9	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
10	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with 139 fb <sup>-1</sup> of pp collision data at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	10
11	AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	1.3	23
12	Measurement of the energy response of the ATLAS calorimeter to charged pions from $W^{\pm} \rightarrow u \bar{u} \rightarrow \pi^{\pm} u \bar{u}$ events in Run2 data. European Physical Journal C, 2022, 82, 1.	1.4	4
13	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
14	Search for associated production of a Z boson with an invisibly decaying Higgs boson or dark matter candidates at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137066.	1.5	8
15	Measurement of the nuclear modification factor for muons from charm and bottom hadrons in Pb+Pb collisions at 5.02 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137077.	1.5	9
16	High-precision measurement of the $W$ boson mass with the CDF II detector. Science, 2022, 376, 170-176.	6.0	336
17	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
18	A search for an unexpected asymmetry in the production of $e^{+}e^{-}$ and $e^{+}e^{+}$ pairs in proton-proton collisions recorded by the ATLAS detector at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 830, 137106.	1.5	1

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19	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
20	Search for resonant pair production of Higgs bosons in the $b\bar{b}$ channel. Physical Review D, 2022, 105, .	1.6	10
21	Constraints on Higgs boson production via gluon fusion and decay into $b\bar{b}$ from the ATLAS search for Higgs boson production via gluon fusion and decay into $b\bar{b}$ in the $b\bar{b}$ channel. Physical Review D, 2022, 105, .	1.6	5
22	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
23	Search for single production of a vectorlike top quark decaying into a Higgs boson and top quark with fully hadronic final states using the ATLAS detector. Physical Review D, 2022, 105, .	1.6	10
24	Measurements of azimuthal anisotropies of jet production in $PbPb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. Physical Review C, 2022, 105, .	1.1	6
25	Search for long-lived charginos based on a disappearing-track signature using 136 fb $^{-1}$ of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, .	1.4	13
26	Two-particle Bose-Einstein correlations in $pp$ collisions at $\sqrt{s} = 13$ TeV measured with the ATLAS detector at the LHC. European Physical Journal C, 2022, 82, .	1.4	3
27	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
28	A search for the dimuon decay of the Standard Model Higgs boson with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 135980.	1.5	61
29	Measurement of the jet mass in high transverse momentum $Z(\nu\bar{\nu})\gamma$ production at $\sqrt{s}=13$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 135991.	1.5	1
30	Medium-Induced Modification of $Z$ -Tagged Charged Particle Yields in $PbPb$ Collisions at 5.02 TeV with the ATLAS Detector. Physical Review Letters, 2021, 126, 072301.	2.9	7
31	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
32	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
33	Measurements of WH and ZH production in the $H \rightarrow b\bar{b}$ decay channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	38
34	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
35	Search for type-III seesaw heavy leptons in dilepton final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	17
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	Search for Dark Matter Produced in Association with a Dark Higgs Boson Decaying into $W^{\pm}$ or $Z$ in Fully Hadronic Final States or $W^{\pm}Z$ in Fully Hadronic Final States Longitudinally Polarized. <a href="https://arxiv.org/abs/2108.08168">https://arxiv.org/abs/2108.08168</a> <a href="http://www.physics.oxford.ac.uk/">http://www.physics.oxford.ac.uk/</a>	2.9	6
39	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.	2.9	17
40	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
41	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
42	Measurement of the CP-violating phase $\phi_{s^0}$ in $B_{s^0} \rightarrow J/\psi \phi$ decays in ATLAS at 13 TeV. European Physical Journal C, 2021, 81, .	1.4	13
43	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
44	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 <sup>-1</sup> of proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	40
45	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
46	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $e^+e^- \rightarrow e^+e^- WW$ final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	26
47	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.	1.5	6
48	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	64
49	Search for trilepton resonances from chargino and neutralino pair production in $s = 13$ TeV pp collisions with the ATLAS detector. Physical Review D, 2021, 103, .	1.6	2
50	Measurements of $W+W^{\pm} + 1$ 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
51	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
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55	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
56	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a $\tau$ -lepton in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	27
57	Search for charged-lepton-flavour violation in Z-boson decays with the ATLAS detector. Nature Physics, 2021, 17, 819-825.	6.5	8
58	Test of the universality of $\tau$ , and $1/4$ lepton couplings in W-boson decays with the ATLAS detector. Nature Physics, 2021, 17, 813-818.	6.5	15
59	Two-particle azimuthal correlations in photonuclear ultraperipheral collisions at 5.02 TeV with ATLAS. Physical Review C, 2021, 104, .		
60	Search for supersymmetry in events with four or more charged leptons in $139 \text{ fb}^{-1}$ of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	12
61	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
62	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
63	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
64	Measurement of the relative production cross section with the ATLAS detector at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	3
65	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
66	Performance of the ATLAS RPC detector and Level-1 muon barrel trigger at $\sqrt{s}=13$ TeV. Journal of Instrumentation, 2021, 16, P07029.	0.5	6
67	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
68	The ATLAS Fast Tracker system. Journal of Instrumentation, 2021, 16, P07006.	0.5	5
69	Measurement of single top-quark production in association with a W boson in the single-lepton channel at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	3
70	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
71	Evidence for Higgs boson decays to a low-mass dilepton system and a photon in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters. Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136412.	1.5	8
72	Measurements of sensor radiation damage in the ATLAS inner detector using leakage currents. Journal of Instrumentation, 2021, 16, P08025.	0.5	3

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73	Measurements of the inclusive and differential production cross sections of a top-quark $\bar{c}$ 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
74	Search for 201 to 815 quark pair production in $\sqrt{s} = 13$ TeV pp collisions events at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136651.	1.6	4
75	Exclusive dimuon production in ultraperipheral collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review C, 2021, 104, 014907.	1.1	11
76	Search for New Phenomena in Final States with Two Leptons and One or No b-Tagged Jets at $s = 13$ TeV Using the ATLAS Detector. Physical Review Letters, 2021, 127, 141801.	2.9	14
77	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
78	Search for resonances decaying into photon pairs in $139 \text{ fb}^{-1}$ of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136651.	1.5	21
79	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
80	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
81	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
82	Measurement of the charge asymmetry of electrons from the decays of W bosons produced in $pp^{\bar{c}}$ collisions at $s = 1.96$ TeV. Physical Review D, 2021, 104, .	1.6	1
83	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
84	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
85	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
86	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
87	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
88	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
89	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1.	1.4	7
90	Search for Lepton-Flavor Violation in $Z$ -Boson Decays with $\bar{l}_i l_j$ Leptons with the ATLAS Detector. Physical Review Letters, 2021, 127, 271801.	2.9	8

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91	Search for new phenomena in $pp$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2021, 104, .	1.6	25
92	Search for new phenomena in $pp$ collisions in final states with $\tau$ leptons, jets, and missing transverse momentum with the ATLAS detector. Physical Review D, 2021, 104, .	1.6	14
93	Measurement of b-quark fragmentation properties in jets using the decay $B \rightarrow J/\psi K^* \mu^+ \mu^-$ in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	3
94	Combined measurements of Higgs boson production and decay using up to 80 fb <sup>-1</sup> of proton-proton collision data at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2020, 101, .	2.1	241
95	Search for non-resonant Higgs boson pair production in the $b\bar{b}\gamma$ , $1/2\gamma$ final state with the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135145.	1.5	14
96	Search for non-resonant Higgs boson pair production in the $b\bar{b}\gamma$ , $1/2\gamma$ final state with the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135145.	1.5	13
97	Search for non-resonant Higgs boson pair production in the $b\bar{b}\gamma$ , $1/2\gamma$ final state with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135145.	1.5	31
98	Searches for lepton-flavour-violating decays of the Higgs boson in $s = 13$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135069.	1.5	30
99	Search for flavour-changing neutral currents in processes with one top quark and a photon using 81 fb <sup>-1</sup> of pp collisions at $s = 13$ TeV with the ATLAS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135092.	1.5	10
100	Search for the $Z\gamma$ decay mode of the Higgs boson in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135092.	1.5	28
101	Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	2.9	67
102	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
103	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
104	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the $4\ell$ decay channel at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	32
105	Measurement of the Higgs boson production cross-section in the lepton+jets channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2020, 102, 034004.	1.5	12
106	Performance of the ATLAS muon triggers in Run 2. Journal of Instrumentation, 2020, 15, P09015-P09015.	0.5	62
107	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. Physical Review D, 2020, 102, 034004.	1.4	34
108	Properties of Higgs Boson Interactions with Top Quarks in the $t\bar{t}H$ and $t\bar{t}H\gamma$ channels in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2020, 102, 034004.	2.9	40

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109	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
110	Search for the HH $\hat{\sigma}$ 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
111	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
112	Search for Heavy Higgs Bosons Decaying into Two Tau Leptons with the ATLAS Detector Using Collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	2.9	97
113	Search for Heavy Higgs Bosons Decaying into Two Tau Leptons with the ATLAS Detector Using Collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	80
114	Measurement of the azimuthal anisotropy of charged-particle production in Xe-Xe collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. Physical Review Letters, 2020, 120, 102301.	1.1	29
115	Search for direct S-gluon production in $pp \rightarrow p + \text{jet} + \text{photon} + \text{lepton} + \text{lepton}$ in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Physical Review Letters, 2020, 120, 102301.	1.6	33
116	Search for long-lived neutral particles produced in $\sqrt{s} = 13$ TeV pp collisions at the ATLAS detector. Physical Review Letters, 2020, 120, 102301.	1.6	20
117	Search for long-lived neutral particles produced in $\sqrt{s} = 13$ TeV pp collisions at the ATLAS detector. Physical Review Letters, 2020, 120, 102301.	1.6	21
118	Measurements of top-quark pair spin correlations in the $\mu\mu$ channel at $\sqrt{s} = 13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	22
119	Performance of the upgraded PreProcessor of the ATLAS Level-1 Calorimeter Trigger. Journal of Instrumentation, 2020, 15, P11016-P11016.	0.5	4
120	Search for Higgs boson decays into two new low-mass spin-0 particles in the $b\bar{b}$ channel with the ATLAS detector using $\sqrt{s} = 13$ TeV pp collisions. Physical Review Letters, 2020, 120, 102301.	1.6	17
121	Search for Higgs Boson Decays into a Z Boson and a Light Hadronically Decaying Resonance Using $\sqrt{s} = 13$ TeV pp Collision Data from the ATLAS Detector. Physical Review Letters, 2020, 125, 221802.	2.9	20
122	Higgs boson production cross-section measurements and their EFT interpretation in the $4\ell$ decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	41
123	Search for heavy neutral Higgs bosons produced in association with charm quarks and decaying into $b\bar{b}$ -quarks at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review Letters, 2020, 120, 102301.	1.6	22
124	Search for long-lived massive particles in events with a displaced vertex and a muon with large impact parameter in $\sqrt{s} = 13$ TeV pp collisions at the ATLAS detector. Physical Review Letters, 2020, 120, 102301.	1.6	22
125	Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	36
126	Search for chargino-neutralino production with mass splittings near the electroweak scale in three-lepton final states in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Physical Review D, 2020, 102, .	1.6	28

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127	ATLAS data quality operations and performance for 2015–2018 data-taking. <i>Journal of Instrumentation</i> , 2020, 15, P04003-P04003.	0.5	68
128	Measurement of the Lund Jet Plane Using Charged Particles in 13 TeV Proton-Proton Collisions with the ATLAS Detector. <i>Physical Review Letters</i> , 2020, 124, 222002.	2.9	28
129	Measurement of Azimuthal Anisotropy of Muons from Charm and Bottom Hadrons in $\sqrt{s}=13$ TeV Proton-Proton Collisions at $\sqrt{s}=13$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2020, 124, 082301.	1.5	22
130	Measurement of the $\chi_{c0}$ production cross-section and lepton differential distributions in $\sqrt{s}=13$ TeV dilepton events from pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020, 80, .	2.9	17
131	Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fb <sup>-1</sup> of data collected with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.4	26
132	Search for resonances decaying into a weak vector boson and a Higgs boson in the fully hadronic final state produced in $\sqrt{s}=13$ TeV proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	19
133	Search for Magnetic Monopoles and Stable High-Electric-Charge Objects in 13 TeV Proton-Proton Collisions with the ATLAS Detector. <i>Physical Review Letters</i> , 2020, 124, 031802.	1.5	11
134	Search for $\chi_{c0}$ resonances in fully hadronic final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	2.9	25
135	Reconstruction and identification of boosted di- $\tau$ systems in a search for Higgs boson pairs using 13 TeV proton-proton collision data in ATLAS. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	14
136	Search for resonances decaying into a weak vector boson and a Higgs boson in the fully hadronic final state produced in $\sqrt{s}=13$ TeV proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2020, 102, .	1.5	9
137	Search for Heavy Resonances Decaying into a Photon and a Hadronically Decaying Higgs Boson in pp Collisions at $\sqrt{s}=13$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2020, 125, 251802.	1.6	14
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215	Search for resonances with boson-tagged jets in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 91-113.	1.6	38
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218	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
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234	Measurement of the suppression and azimuthal anisotropy of muons from heavy-flavor decays in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.0 TeV with the ATLAS detector. Physical Review C, 2018, 98, .	1.1	12

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240	Search for pair production of vectorlike quarks in final states with at least one $Z$ boson decaying into a pair of electrons or muons in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 903.	1.6	32
241	Measurement of dijet azimuthal decorrelations in $Pb-Pb$ collisions at $\sqrt{s}=2.76$ TeV. Physical Review D, 2018, 98, .	1.4	181
242	Search for pair production of Higgs bosons in final states with at least three $b$ -tagged jets in $pp$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review D, 2018, 98, .	1.6	8
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251	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 $\text{fb}^{-1}$ of $\sqrt{s}=13$ TeV $pp$ collision data with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	18
252	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 $\text{fb}^{-1}$ of $\sqrt{s}=13$ TeV $pp$ collision data with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	48

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255	Combination of searches for heavy resonances decaying into bosonic and leptonic final states using proton-proton collision data at $\sqrt{s} = 13\ \text{TeV}$ with the ATLAS detector. Physical Review D, 2018, 98, .	1.5	43
256	Constraints on off-shell Higgs boson production and the Higgs boson total width in $ZZ\ \bar{A}e\ \bar{A}e\ 4\bar{a},$ and $ZZ\ \bar{A}e\ \bar{A}e\ 2\bar{A},$ final states with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 223-244.	1.4	61
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262	Measurement of the Higgs boson mass in the $H\bar{A}e\ a\uparrow\ a\bar{e}\ ZZ\bar{A}Z\bar{A}e\ a\uparrow\ a\bar{e}\ 4\bar{a},$ and $H\bar{A}e\ a\uparrow\ a\bar{e}\ \bar{t}\bar{t}$ channels with $\sqrt{s} = 13\ \text{TeV}$ pp collisions using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 345-366.	1.6	40
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427	Search for top squarks in final states with one isolated lepton, jets, and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Physical Review D, 2016, 94, .	1.6	43
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447	Measurements of $WZ$ production cross sections in $p\bar{p}$ collisions at $\sqrt{s}=13\text{ TeV}$ in association with a vector boson and decaying into a tau pair. Physical Review D, 2016, 93, .	1.6	5
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449	Measurement of the $Z\tau\tau$ production cross section in $p\bar{p}$ collisions at $\sqrt{s}=13\text{ TeV}$ with energy loss. Physical Review D, 2016, 93, .	1.6	39
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542	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
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545	Measurement of exclusive $\tilde{t}\tilde{t}^*$ events using the ATLAS detector.	1.5	18
546	Production of proton $\tilde{p}$ in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector.	1.5	43
547	A search for $\tilde{t}\tilde{t}^*$ 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
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560	<p>Search for heavy lepton resonances decaying to a Z boson and a lepton in <math>pp</math> collisions at <math>\sqrt{s} = 8</math> TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.</p>	1.6	36
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562	<p>Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.</p>	1.6	116
563	<p>Search for <math>W \rightarrow tb \rightarrow qqbb</math> decays in <math>pp</math> collisions at <math>\sqrt{s} = 8</math> TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 165.</p>	1.4	35
564	<p>Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at <math>\sqrt{s} = 7</math> TeV. European Physical Journal C, 2015, 75, 158.</p>	1.4	17
565	<p>Search for direct pair production of a chargino and a neutralino decaying to the 125 GeV Higgs boson in <math>pp</math> collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 208.</p>	1.4	67
566	<p>Study of <math>(W/Z)H</math> production and Higgs boson couplings using <math>W \rightarrow qq</math> decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.</p>	1.6	22
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704	Measurement of $t\bar{t}$ c1 and $t\bar{t}$ c2 production with $\sqrt{s} = 7$ TeV pp collisions at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	32
705	Search for new particles in events with one lepton and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45
706	Search for direct top squark pair production in events with a $Z$ boson, $b$ -jets and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 2883.	1.4	55
707	Indirect measurement of $\sin^2\theta_W$ from $t\bar{t}$ production with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	19
708	Search for new phenomena in photon + jet events collected in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 562-578.	1.6	19
709	Observation of $s$ -channel Production of Single Top Quarks at the Tevatron. Physical Review Letters, 2014, 112, 231803.	2.9	56
710	Design of a hardware track finder (Fast Tracker) for the ATLAS trigger. Journal of Instrumentation, 2014, 9, C01045-C01045.	0.5	1
711	Next generation associative memory devices for the FTK tracking processor of the ATLAS experiment. Journal of Instrumentation, 2014, 9, C03053-C03053.	0.5	6
712	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
713	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
714	Search for third generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	32
715	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
716	Measurement of ZZ production in pp collisions at $\sqrt{s} = 7$ TeV and limits on anomalous ZZZ and ZZ $\tilde{\chi}^0$ couplings with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	61
717	Search for charged Higgs bosons through the violation of lepton universality in $t\bar{t}$ events using pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2013, 2013, 1.	1.6	19
718	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
719	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
720	Measurement of $k_T$ splitting scales in $W\tilde{\chi}^0$ events at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	1.4	19



#	ARTICLE	IF	CITATIONS
739	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	34

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#	ARTICLE	IF	CITATIONS
757	A search for prompt lepton-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Search for long-lived, multi-charged particles in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 702, 305-323.	1.5	38
758	Search for long-lived, heavy particles in final states with a muon and multi-track displaced vertex in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 280-298.	1.5	44
759	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
762	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1.	1.4	45
763	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 879-901.	1.5	24
764	Search for new phenomena in the $W$ production cross section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 860-878.	1.5	21
765	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
767	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
768	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
769	Measurement of the $t\bar{t}$ production cross section in the tau + jets channel using the ATLAS detector. European Physical Journal C, 2013, 73, 2328.	1.4	45
770	A multi-core FPGA-based clustering algorithm for real-time image processing. , 2013, , .		2
771	Measurement of Top Quark Polarization in Top-Antitop Events from Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2013, 111, 202002.	2.9	57
772	Search for excited electrons and muons in $\sqrt{s} = 8$ TeV proton-proton collisions with the ATLAS detector. New Journal of Physics, 2013, 15, 093011.	1.2	23
773	Measurement of hard double-parton interactions in $W$ + 2-jet events at $\sqrt{s} = 7$ TeV with the ATLAS detector. New Journal of Physics, 2013, 15, 033038.	1.2	147
774	Search for $WH$ production with a light Higgs boson decaying to prompt electron-jets in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. New Journal of Physics, 2013, 15, 043009.	1.2	15

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775	Search for extra dimensions in diphoton events from proton-proton collisions at $\sqrt{s} = 7, 8$ TeV in the ATLAS detector at the LHC. <i>New Journal of Physics</i> , 2013, 15, 043007.	1.2	41
776	Search for resonant diboson production in the $WW/WZ$ decay channels with the ATLAS detector at $\sqrt{s} = 7, 8$ TeV. <i>Physical Review D</i> , 2013, 87, .	1.6	18
777	Observation of Associated Near-Side and Away-Side Long-Range Correlations in $pp$ collisions with the ATLAS Detector. <i>Physical Review Letters</i> , 2013, 110, 162302.	1.6	17
778	Combination of searches for the Higgs boson using the full CDF data set. <i>Physical Review D</i> , 2013, 88, .	1.6	17
779	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using $\sqrt{s} = 7, 8$ TeV. <i>Physical Review D</i> , 2013, 87, .	1.6	112
780	Measurement of the mass difference between top and antitop quarks. <i>Physical Review D</i> , 2013, 87, .	1.6	10
781	Search for Supersymmetry with Like-Sign Lepton-Tau Events at CDF. <i>Physical Review Letters</i> , 2013, 110, 201802.	2.9	4
782	Searches for the Higgs boson decaying to $W+W$ with the CDF II detector. <i>Physical Review D</i> , 2013, 88, .	1.6	6
783	Measurement of $\epsilon$ production in $pp$ collisions at ATLAS. <i>Physical Review D</i> , 2013, 88, .	1.6	78
784	Search for nonpointing photons in the diphoton and $pp$ collisions at ATLAS. <i>Physical Review D</i> , 2013, 88, .	1.6	16
785	Observation of $\epsilon$ production in $pp$ collisions at ATLAS. <i>Physical Review D</i> , 2013, 88, .	2.9	26
786	Updated search for the standard model Higgs boson in events with jets and missing transverse energy using the full CDF data set. <i>Physical Review D</i> , 2013, 87, .	1.6	13
787	Measurement of the top-quark pair-production cross section in events with two leptons and bottom-quark jets using the full CDF data set. <i>Physical Review D</i> , 2013, 88, .	1.6	11
788	Combination of CDF and D0 $W$ -Boson mass measurements. <i>Physical Review D</i> , 2013, 88, .	1.6	66
789	Search for a dijet resonance in events with jets and missing transverse energy in $pp$ collisions at $\sqrt{s} = 7, 8$ TeV. <i>Physical Review D</i> , 2013, 88, .	1.6	2
790	Search for Dark Matter Candidates and Large Extra Dimensions in Events with a Photon and Missing Transverse Momentum in $pp$ Collision Data at $\sqrt{s} = 7, 8$ TeV. <i>Physical Review D</i> , 2013, 88, .	2.9	105
791	Measurement of the Cross Section for Prompt Isolated Diphoton Production Using the Full CDF Run II Data Sample. <i>Physical Review Letters</i> , 2013, 110, 101801.	2.9	36
792	Search for long-lived stopped $R$ -hadrons decaying out of time with $pp$ collisions using the ATLAS detector. <i>Physical Review D</i> , 2013, 88, .	1.6	57

#	ARTICLE	IF	CITATIONS
793	Search for contact interactions and large extra dimensions in dilepton events from $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 88, .	1.6	35
794	Measurement of charged-particle event shape variables in inclusive $(s)=7$ TeV proton-proton interactions with the ATLAS detector. Physical Review D, 2013, 88, .	1.6	12
795	Measurement of Z Boson Production in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS Detector. Physical Review Letters, 2013, 110, 022301.	2.9	63
796	Measurement of the Cross Section for Direct-Photon Production in Association with a Heavy Quark in $pp$ Collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 88, .	1.6	76
797	Signature-based search for delayed photons in exclusive photon plus missing transverse energy events from $pp$ collisions with $\sqrt{s}=1.96$ TeV. Physical Review D, 2013, 88, .	1.6	4
798	Measurement of the Cross Section for Direct-Photon Production in Association with a Heavy Quark in $pp$ Collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 88, .	2.9	22
799	Search for Pair Production of Strongly Interacting Particles Decaying to Pairs of Jets in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2013, 111, 031802.	2.9	26
800	Measurement of the $B_c$ meson lifetime in the decay $B_c \rightarrow \tau \nu_\tau$ in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	1.6	17
801	Measurement of the $B_c$ meson lifetime and mass in the ATLAS experiment. Physical Review D, 2013, 87, .	1.6	24
802	Search for microscopic black holes in a like-sign dimuon final state using large track multiplicity with the ATLAS detector. Physical Review D, 2013, 88, .	1.6	14
803	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	1.6	14
804	Measurements of the Differential Cross Section for $Z \rightarrow \tau^+ \tau^-$ production in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	1.6	60
805	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
806	Measurement of the Azimuthal Angle Dependence of Inclusive Jet Yields in Pb+Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS Detector. Physical Review Letters, 2013, 111, 152301.	2.9	59
807	Measurement of the Differential Cross Section for $Z \rightarrow \tau^+ \tau^-$ production in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	1.6	26
808	Evidence for a bottom baryon resonance $\Lambda_b^0$ in CDF data. Physical Review D, 2013, 88, .	1.6	34
809	Search for $B_c$ meson production in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	1.6	19
810	Measurement of the leptonic asymmetry $A_{FB}^{\ell}$ in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	1.6	32

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811	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	1.6	122
812	charge using jet-charge tagging in single-lepton xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo mathvariant="bold">â~</mml:mo><mml:mn>4</mml:mn><mml:mo>/</mml:mo><mml:mn>3</mml:mn></mml:math>electric events at CDF.	1.6	18
813	Observation of the Production of a xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>W</mml:mi></mml:math> Boson in Association with a Single Charm Quark. Physical Review Letters, 2013, 110, 071801.	2.9	24
814	Direct Measurement of the Total Decay Width of the Top Quark. Physical Review Letters, 2013, 111, 202001.	2.9	33
815	Search for the production of xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi><mml:mi>W</mml:mi></mml:math> and xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi><mml:mi>Z</mml:mi></mml:math> boson pairs decaying into charged leptons and jets in xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mover accent="true"><mml:mi>p</mml:mi><mml:mo>Â~</mml:mo></mml:mover></mml:math> Collisions at	1.6	4
816	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.	2.9	33
817	Search for a xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mover accent="true"><mml:mi>p</mml:mi><mml:mo>Â~</mml:mo></mml:mover></mml:math> Collisions at xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo mathvariant="bold">=</mml:mo><mml:mn>1.96</mml:mn><mml:mtext>â€%</mml:mtext><mml:mtext>â€%</mml:mtext><mml:mi>â€%</mml:mi>	2.9	5
818	Measurement of $R=B(\tau^+\tau^-W_b)/B(\tau^+\tau^-W_q)$ in top-quark-pair decays using lepton+jet events and the full CDF run II dataset. Physical Review D, 2013, 87, .	1.6	15
819	Performance of the AMBFTK board for the FastTracker processor for the ATLAS detector upgrade. Journal of Instrumentation, 2013, 8, C01040-C01040.	0.5	5
820	Search for Gluinos in Events with Two Same-Sign Leptons, Jets, and Missing Transverse Momentum with the ATLAS Detector in pp Collisions at $\sqrt{s}=7\text{â€%â€%TeV}$ . Physical Review Letters, 2012, 108, 241802.	2.9	37
821	Decays in xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mover accent="true"><mml:mi>p</mml:mi><mml:mo>Â~</mml:mo></mml:mover></mml:math> Collisions at xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo mathvariant="bold">=</mml:mo><mml:mn>1.96</mml:mn><mml:mtext>â€%</mml:mtext><mml:mtext>â€%</mml:mtext><mml:mi>â€%</mml:mi>	2.9	46
822	Search for a Higgs Boson in the Diphoton Final State in pp Collisions at $\sqrt{s}=1.96\text{â€%â€%TeV}$ . Physical Review Letters, 2012, 108, 011801.	2.9	7
823	Measurement of the azimuthal ordering of charged hadrons with the ATLAS detector. Physical Review D, 2012, 86, .	1.6	3
824	Search for resonant top quark plus jet production in $\tau^+\tau^-$ jet events with the ATLAS detector in pp collisions at $\sqrt{s}=7\text{â€%â€%TeV}$ . Physical Review D, 2012, 86, .	1.6	16
825	pairs in the xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>e</mml:mi></mml:msup><mml:msup><mml:mi>e</mml:mi></mml:msup><mml:mo mathvariant="bold">â~</mml:mo></mml:msup></mml:math> pairs in the	1.6	46
826	Search for a Supersymmetric Partner to the Top Quark in Final States with Jets and Missing Transverse Momentum at xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo mathvariant="bold">=</mml:mo><mml:mn>7</mml:mn><mml:mtext>â€%</mml:mtext><mml:mtext>â€%</mml:mtext><mml:mi>â€%</mml:mi>	2.9	63
827	Search for Scalar Bottom Quark Pair Production with the ATLAS Detector in pp Collisions at $\sqrt{s}=7\text{â€%â€%TeV}$ . Physical Review Letters, 2012, 108, 181802.	2.9	61
828	Observation of Exclusive $\tau^+\tau^-$ Production in pp Collisions at $\sqrt{s}=1.96\text{â€%â€%TeV}$ . Physical Review Letters, 2012, 108, 081801.	2.9	30

#	ARTICLE	IF	CITATIONS
829	ATLAS measurements of the properties of jets for boosted particle searches. Physical Review D, 2012, 86, .	1.6	21
830	Search for New Phenomena in $t\bar{t}$ Events with Large Missing Transverse Momentum in Proton-Proton Collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. Physical Review D, 2012, 86, .	2.9	46
831	Combination of the top-quark mass measurements from the Tevatron collider. Physical Review D, 2012, 86, .	1.6	109
832	Search for Pair Production of a Heavy Up-Type Quark Decaying to a $W$ Boson and a $b$ Quark in the $t\bar{t}$ Events from $\sqrt{s}=7$ TeV pp Collisions at the ATLAS Detector. Physical Review D, 2012, 86, .	2.9	31
833	Search for a New Heavy $U$ -Type Quark Decaying to a $W$ Boson and a $b$ Quark in the $t\bar{t}$ Events from $\sqrt{s}=7$ TeV pp Collisions at the ATLAS Detector. Physical Review D, 2012, 86, .	2.9	80
834	Measurement of inclusive jet and dijet production in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. Physical Review D, 2012, 86, .	1.6	135
835	Observation of a New $U$ -Type Quark Decaying to a $W$ Boson and a $b$ Quark in the $t\bar{t}$ Events from $\sqrt{s}=7$ TeV pp Collisions at the ATLAS Detector. Physical Review D, 2012, 86, .	2.9	90
836	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
837	Search for the Standard Model Higgs Boson Decaying to $ab\bar{b}$ Pair in Events with Two Oppositely Charged Leptons Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111803.	2.9	25
838	Measurement of $Z\ell\bar{\ell}$ Production in Leptonic Final States at $\sqrt{s}=7$ TeV in pp Collisions at the ATLAS Detector. Physical Review D, 2012, 86, .	2.9	21
839	Measurement of the production cross section of an isolated photon associated with jets in proton-proton collisions at $\sqrt{s}=7$ TeV in pp Collisions at the ATLAS Detector. Physical Review D, 2012, 86, .	1.6	45
840	Search for $t\bar{t}b\bar{b}$ Resonances in Proton-Proton Collisions at $\sqrt{s}=7$ TeV in pp Collisions at the ATLAS Detector. Physical Review D, 2012, 86, .	2.9	33
841	Search for a heavy vector boson decaying to two gluons in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, .	1.6	2
842	Underlying event characteristics and their dependence on jet size of charged-particle jet events in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2012, 86, .	1.6	12
843	Production of $\Lambda^0$ , $\Lambda^0_{cc}$ , and $\Lambda^0_{cb}$ hyperons in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, .	1.6	3
844	Search for a Low-Mass Standard Model Higgs Boson in the $t\bar{t}b\bar{b}$ Decay Channel in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 181804.	2.9	13
845	Search for Pair Production of a New $U$ -Type Quark that Decays into a $W$ Boson and a Bottom Quark with the ATLAS Detector. Physical Review D, 2012, 86, .	2.9	26
846	Diffractive dijet production in pp collisions at $\sqrt{s}=1.96$ TeV with the ATLAS detector. Physical Review D, 2012, 86, .	1.6	18

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847	Precision Top-Quark Mass Measurement at CDF. Physical Review Letters, 2012, 109, 152003.	2.9	39
848	Measurement of the azimuthal anisotropy for charged particle production in lead-lead collisions with the ATLAS detector. Physical Review C, 2012, 86, .	1.1	365
849	Search for the Higgs Boson in the $H \rightarrow WW^* \rightarrow l^+ l^- \gamma$ Decay Channel in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 111802.	2.9	35
850	Search for a Light Higgs Boson Decaying to Long-Lived Weakly Interacting Particles in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 251801.	2.9	61
851	Publisher's Note: Novel inclusive search for the Higgs boson in the four-lepton final state at CDF [Phys. Rev. D <b>86</b> (2012), 072012 (2012)]. Physical Review D, 2012, 86, .	1.6	0
852	Measurement of the Top-Quark Mass and the Cross Section in the Hadronic $t\bar{t}$ Decays at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review D, 2012, 85, .	2.9	12
853	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.	1.6	5
854	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
855	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
856	Further search for supersymmetry in $p\bar{p}$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2012, 86, .	1.6	42
857	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
858	Search for anomalous production of prompt like-sign muon pairs and constraints on physics beyond the standard model with the ATLAS detector. Physical Review D, 2012, 85, .	1.6	26
859	Search for anomalous production of multiple leptons in association with $W$ and $Z$ bosons at CDF. Physical Review D, 2012, 85, .	1.6	5
860	Measurement of $D^0$ production in jets from $p\bar{p}$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2012, 85, .	1.6	23
861	Combination of CDF and D0 measurements of the $D^0$ boson helicity in top quark decays. Physical Review D, 2012, 85, .	1.6	36
862	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
863	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
864	Measurement of the Difference in CP-Violating Asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^+ \bar{K}^-$ Decays at CDF. Physical Review Letters, 2012, 109, 111801.	2.9	88

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865	Measurement of the Bottom-Strange Meson Mixing Phase in the Full CDF Data Set. Physical Review Letters, 2012, 109, 171802.	2.9	62
866	Determination of the Strange-Quark Density of the Proton from ATLAS Measurements of the $WZ$ and $WZ$ Cross Sections. Physical Review Letters, 2012, 109, 012001.	2.9	117
867	Novel inclusive search for the Higgs boson in the four-lepton final state at CDF. Physical Review D, 2012, 86, .	1.6	7
868	Measurements of the Angular Distributions in the Decays $B \rightarrow K^* \ell \ell$ . Physical Review Letters, 2012, 108, 081807.	2.9	108
869	Search for the standard model Higgs boson produced in association with a $W$ boson with $7.5 \text{ fb}^{-1}$ integrated luminosity at CDF. Physical Review D, 2012, 86, .	1.6	8
870	Search for the Standard Model Higgs Boson Decaying to $bb\bar{\nu}\nu$ 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
871	Search for a Dark Matter Candidate Produced in Association with a Single Top Quark in $pp$ Collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review Letters, 2012, 108, 201802.	2.9	19
872	Evidence for a Particle Produced in Association with Weak Bosons and Decaying to a Bottom-Antibottom Quark Pair in Higgs Boson Searches at the Tevatron. Physical Review Letters, 2012, 109, 071804.	2.9	201
873	Combined Search for the Standard Model Higgs Boson Decaying to $bb\bar{\nu}\nu$ Pair Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111802.	2.9	28
874	Measurement of the $WZ$ cross section and triple gauge couplings in $pp$ collisions at $\sqrt{s} = 7 \text{ TeV}$ . Physical Review Letters, 2012, 108, 211802.	1.6	28
875	Search for Production of Resonant States in the Photon-Jet Mass Distribution Using $pp$ Collisions at $\sqrt{s} = 7 \text{ TeV}$ Collected by the ATLAS Detector. Physical Review Letters, 2012, 108, 211802.	2.9	12
876	Measurement of the $Z$ Production Cross Section and Limits on Anomalous Neutral Triple Gauge Couplings in Proton-Proton Collisions at the ATLAS Detector. Physical Review Letters, 2012, 108, 041804.	2.9	33
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891	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
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895	A search for flavour changing neutral currents in top-quark decays in $pp$ collision data collected with the ATLAS detector at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	34
896	Search for scalar top quark production in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	16
897	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $\sqrt{s} = 7$ TeV with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	1.6	15
898	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
899	Search for high-mass resonances decaying to dilepton final states in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	54
900	Search for anomalous production of prompt like-sign lepton pairs at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	17

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904	Search for excited leptons in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physical Review D, 2012, 85, .	1.6	14
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909	Search for new phenomena in events with two $Z$ bosons and missing transverse momentum in $pp$ collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review D, 2012, 85, .	1.6	4
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915	Search for Higgs bosons produced in association with $W$ bosons and $b$ -quarks. Physical Review D, 2012, 85, .	1.6	28
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925	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
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946	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
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958	Search for diphoton events with large missing transverse momentum in 7 TeV proton-proton collision data with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 411-430.	1.5	20
959	Searches for physics beyond the Standard Model at the Tevatron. Pramana - Journal of Physics, 2012, 79, 703-717.	0.9	0
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962	Search for Magnetic Monopoles in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Physical Review Letters, 2012, 109, 261803.	2.9	57
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971	Measurement of the cross-section for b-jets produced in association with a Z boson at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 706, 295-313.	1.5	20
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979	Search for first generation scalar leptogluarks in $pp$ collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 363-382.	1.5	21
980	Search for the Standard Model Higgs boson using up to $4.9 \text{ fb}^{-1}$ of $pp$ collision data at $\sqrt{s}=7$ TeV with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 49-66.	1.5	0
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1012	Measurement of $t\bar{t}$ spin correlation in $p\bar{p}$ collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 83, .	1.6	45
1013	Search for $B \rightarrow B_s \gamma$ in the ATLAS detector. Physical Review Letters, 2011, 107, 191801.	2.9	74
1014	Measurement of the top-quark mass in the lepton+jets channel using a matrix element technique with the CDF II detector. Physical Review D, 2011, 84, .	1.6	8
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1018	Search for the Higgs boson in the all-hadronic final state using the CDF II detector. Physical Review D, 2011, 84, .	1.6	4
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1031	Search for the Standard Model Higgs boson in the two photon decay channel with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 294-312.	1.5	45
1032	Measurement of the inclusive isolated prompt photon cross-section in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 294-312.	1.5	49
1033	Measurement of the inclusive jet and dijet cross sections in proton-proton collisions at $\sqrt{s}=7$ TeV centre-of-mass energy with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.5	57
1034	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.	1.5	22
1035	Studies of the performance of the ATLAS detector using cosmic-ray muons. European Physical Journal C, 2011, 71, 1.	1.5	23
1036	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
1037	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
1042	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
1043	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
1044	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

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1045	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
1046	Search for diphoton events with large missing transverse energy with 36 pb <sup>-1</sup> of 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	15
1047	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
1048	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
1049	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb <sup>-1</sup> of ATLAS data. European Physical Journal C, 2011, 71, 1.	1.4	14
1050	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
1051	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
1052	Measurement of dijet production with a veto on additional central jet activity in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	46
1053	Measurement of $W^3$ and $Z^3$ 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
1054	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
1055	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
1056	Search for quark contact interactions in dijet angular distributions in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 694, 327-345.	1.5	107
1057	Measurement of the production cross section for W-bosons in association with jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 325-345.	1.5	28
1058	Search for massive long-lived highly ionising particles with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 353-370.	1.5	10
1059	Measurement of the top quark mass in the $t\bar{t}$ channel with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 1-19.	1.5	32
1060	Search for stable hadronising squarks and gluinos with the ATLAS experiment at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 1-19.	1.5	52

#	ARTICLE	IF	CITATIONS
1063	Measurement of the $W$ charge asymmetry in the $W \rightarrow \mu \nu$ decay mode in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2011, 106, 161801.	1.5	38
1064	Search for high-mass states with one lepton plus missing transverse momentum in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2011, 107, 261801.	1.5	21
1065	Search for $W$ charge asymmetry in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2011, 106, 161801.	1.5	126
1066	Search for new physics in dijet mass and angular distributions in $pp$ collisions at $\sqrt{s} = 7$ TeV measured with the ATLAS detector. <i>New Journal of Physics</i> , 2011, 13, 053044.	1.5	54
1067	Charged-particle multiplicities in $pp$ interactions measured with the ATLAS detector at the LHC. <i>New Journal of Physics</i> , 2011, 13, 053033.	1.2	116
1068	Measurement of the Forward-Backward Asymmetry in the $B_s^0 \rightarrow \mu^+ \mu^-$ Decay and First Observation of the $B_s^0 \rightarrow \mu^+ \mu^-$ Decay. <i>Physical Review Letters</i> , 2011, 106, 161801.	1.2	314
1069	Search for the Higgs Boson in the $H \rightarrow \gamma \gamma$ Decay Channel in $pp$ Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2011, 107, 231801.	2.9	45
1070	Search for a Heavy Particle Decaying into an Electron and a Muon with the ATLAS Detector. <i>Physical Review Letters</i> , 2011, 107, 261801.	2.9	23
1071	Invariant Mass Distribution of Jet Pairs Produced in Association with a $W$ Boson in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011, 106, 171801.	2.9	32
1072	Invariant Mass Distribution of Jet Pairs Produced in Association with a $W$ Boson in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011, 106, 171801.	2.9	108
1073	Measurement of the $B^0$ lifetime using a simulation free approach for trigger bias correction. <i>Physical Review D</i> , 2011, 83.	1.6	8
1074	Search for a new heavy gauge boson with event signature $W \rightarrow \mu \nu$ in $pp$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2011, 107, 261801.	1.6	24
1075	Measurement of $B^0$ Hadron Lifetimes in Exclusive Decays Containing a $W$ Boson in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011, 106, 171801.	2.9	54
1076	Search for a Heavy Particle Decaying into an Electron and a Muon with the ATLAS Detector. <i>Physical Review Letters</i> , 2011, 107, 261801.	2.9	31
1077	Search for a Heavy Particle Decaying into an Electron and a Muon with the ATLAS Detector. <i>Physical Review Letters</i> , 2011, 107, 261801.	2.9	24
1078	Search for a Heavy Particle Decaying into an Electron and a Muon with the ATLAS Detector. <i>Physical Review Letters</i> , 2011, 107, 261801.	2.9	15
1079	Search for a Heavy Particle Decaying into an Electron and a Muon with the ATLAS Detector. <i>Physical Review Letters</i> , 2011, 107, 261801.	2.9	136
1080	Search for new heavy particles decaying to $Z \gamma$ in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2011, 83, .	1.6	7

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1081	Measurement of the top pair production cross section in the Search for resonant production of Physical Review Letters, 2011, 107, 272002.	1.6	10
1082	Search for resonant production of Physical Review Letters, 2011, 107, 272002.	1.6	14
1083	Measurement of the Physical Review Letters, 2011, 106, 172002.	2.9	81
1084	Measurement of the Physical Review Letters, 2011, 107, 272001.	1.6	6
1085	Physical Review Letters, 2011, 106, 172002.	2.9	61
1086	Measurement of the Physical Review Letters, 2011, 107, 272001.	2.9	13
1087	First Search for Multijet Resonances in Physical Review Letters, 2011, 107, 102003.	2.9	37
1088	Measurement of the Cross Section for Prompt Isolated Diphoton Production in Physical Review Letters, 2011, 107, 102003.	2.9	7
1089	Measurement of Polarization and Search for CP Violation in Physical Review Letters, 2011, 107, 261802.	2.9	32
1090	Limits on Anomalous Trilinear Gauge Couplings in Physical Review Letters, 2011, 107, 221802.	2.9	26
1091	Search for a Standard Model Higgs Boson in the Physical Review Letters, 2011, 107, 221802.	2.9	29
1092	Search for Production of Heavy Particles Decaying to Top Quarks and Invisible Particles in Physical Review Letters, 2011, 106, 121803.	2.9	25
1093	Search for Diphoton Events with Large Missing Transverse Energy in Physical Review Letters, 2011, 106, 121803.	2.9	48
1094	Search for Diphoton Events with Large Missing Transverse Energy in Physical Review Letters, 2011, 106, 121803.	2.9	19
1095	Evidence for Physical Review D, 2011, 84, .	1.6	24
1096	Measurement of the cross section for prompt isolated diphoton production in Physical Review D, 2011, 84, .	1.6	31
1097	Search for Odd Higgs Boson in Top Quark Physical Review D, 2011, 84, .	2.9	16
1098	Observation of the Baryonic Flavor-Changing Neutral Current Decay Physical Review Letters, 2011, 107, 201802.	2.9	121

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1099	<p>Search for New Physics in High Mass Resonances Decaying to Muon Pairs in Dilepton Events at CDF II. Physical Review Letters, 2011, 107, 181801.</p> <p>Search for High Mass Resonances Decaying to Muon Pairs in Dilepton Events at CDF II. Physical Review Letters, 2011, 107, 181801.</p>	2.9	37
1100	Observation of $B_s \rightarrow J/\psi K^*(892)0$ and $B_s \rightarrow J/\psi K_S0$ decays. Physical Review D, 2011, 83, .	1.6	21
1101	Measurements of branching fraction ratios and CP-asymmetries in suppressed $B^0 \rightarrow D^0(\bar{K}^0 + \bar{K}^*)K^0$ and $B^0 \rightarrow D^0(\bar{K}^0 + \bar{K}^*)\bar{K}^0$ decays. Physical Review D, 2011, 84, .	1.6	16
1102	Search for New Dielectron Resonances and Randall-Sundrum Gravitons at the Collider Detector at Fermilab. Physical Review Letters, 2011, 107, 051801.	2.9	20
1103	Top-Quark Mass Measurement Using Events with Missing Transverse Energy and Jets at CDF. Physical Review Letters, 2011, 107, 232002.	2.9	7
1104	Measurements of Direct CP and P-Violating Asymmetries in Charmless Decays of Strange Bottom Mesons and Bottom Baryons. Physical Review Letters, 2011, 106, 181802.	2.9	50
1105	Observation of the $B^0 \rightarrow \bar{K}^0 \mu^+ \mu^-$ decay. Physical Review Letters, 2011, 107, 102001.	2.9	28
1106	Measurement of the Mass Difference between $t$ and $\bar{t}$ Quarks. Physical Review Letters, 2011, 106, 152001.	2.9	25
1107	Search for New Physics in High Mass Resonances Decaying to Muon Pairs in Dilepton Events at CDF II. Physical Review Letters, 2011, 107, 181801.	2.9	22
1108	Search for High Mass Resonances Decaying to Muon Pairs in Dilepton Events at CDF II. Physical Review Letters, 2011, 107, 181801.	2.9	34
1109	Associative memory design for the fast track processor (FTK) at ATLAS. , 2011, , .		14
1110	The GigaFitter: Performance at CDF and Perspectives for Future Applications. Journal of Physics: Conference Series, 2010, 219, 022001.	0.3	3
1111	Enhancement of the ATLAS trigger system with a hardware tracker finder FTK. Journal of Instrumentation, 2010, 5, C12037-C12037.	0.5	1
1112	The ATLAS Inner Detector commissioning and calibration. European Physical Journal C, 2010, 70, 787-821.	1.4	95
1113	Commissioning of the ATLAS Muon Spectrometer with Cosmic Rays. European Physical Journal C, 2010, 70, 875-916.	1.4	23
1114	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	1.4	1,187
1115	Readiness of the ATLAS Tile Calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 1193-1236.	1.4	121
1116	Performance of the ATLAS detector using first collision data. Journal of High Energy Physics, 2010, 2010, 1.	1.6	18

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1117	Measurement of the $W \hat{+} \hat{a}, \hat{1}/2$ and $Z \hat{1}^3 * \hat{a} \hat{+} \hat{a}, \hat{a}, \hat{a}$ production cross sections in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2010, 2010, 1.	1.6	64
1118	Charged-particle multiplicities in pp interactions at $\sqrt{s} = 900$ GeV measured with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear Instruments and Methods in Physics Research, 2010, 617, 42.	1.5	16
1119	Measurement of $\sigma(\text{pp} \rightarrow \text{Z} \nu \nu)$ in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, 2010, 617, 254-257.	1.5	73
1120	A fast general-purpose clustering algorithm based on FPGAs for high-throughput data processing. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 254-257.	0.7	8
1121	GigaFitter: Performance at CDF and perspective for future applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 623, 540-542.	0.7	5
1123	Search for Parity Violating Decays of Sneutrinos to $e \nu$ or $\mu \nu$ . Physical Review Letters, 2010, 104, 102002.	2.9	20
1124	Search for Technicolor Particles Produced in Association with a $W$ Boson at CDF. Physical Review Letters, 2010, 104, 111802.	2.9	7
1125	Inclusive Search for Standard Model Higgs Boson Production in the $WW$ Decay Channel Using the CDF II Detector. Physical Review Letters, 2010, 104, 061803.	2.9	38
1126	Publisher's Note: Measurement of the $W+W \hat{+} \hat{a}$ Production Cross Section and Search for Anomalous $WW \hat{1}^3$ and $WWZ$ Couplings in $pp \hat{+} \hat{a}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, .	2.9	1
1127	Measurement of the $b$ Lifetime in $b \hat{+} \hat{c} \hat{+} \hat{a}$ Decays in $pp \hat{+} \hat{a}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 102002.	2.9	27
1128	Search for the Production of Scalar Bottom Quarks in $pp \hat{+} \hat{a}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 081802.	2.9	23
1129	Search for Pair Production of Supersymmetric Top Quarks in Dilepton Events from $pp \hat{+} \hat{a}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 251801.	2.9	30
1130	Improved Search for a Higgs Boson Produced in Association with $Z \hat{+} \hat{l} \hat{+} \hat{l}$ in $pp \hat{+} \hat{a}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 251802.	2.9	9
1131	Measurement of the $W+W \hat{+} \hat{a}$ Production Cross Section and Search for Anomalous $WW \hat{1}^3$ and $WWZ$ Couplings in $pp \hat{+} \hat{a}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 29201801.	2.9	64
1132	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
1133	Exclusion of an Exotic Top Quark with $\hat{+} 4/3$ Electric Charge Using Soft Lepton Tagging. Physical Review Letters, 2010, 105, 101801.	2.9	15
1134	Measurement of $W$ -Boson Polarization in Top-Quark Decay in $pp \hat{+} \hat{a}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 042002.	2.9	30

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1135	Search for the Higgs Boson Using Neural Networks in Events with Missing Energy and $b$ -Quark Jets in $\sqrt{s}=1.96$ TeV $p\bar{p}$ Collisions. Physical Review Letters, 2010, 104, 141801. First Measurement of the $b$ -Jet Cross Section in Events with a $b$ -Quark Jet in $\sqrt{s}=1.96$ TeV $p\bar{p}$ Collisions. Physical Review Letters, 2010, 104, 141801.	2.9	11
1136	Measurement of the $W$ -Boson in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 141801.	2.9	49
1137	Measurement of the top quark mass and $p\bar{p}$ cross section in the all-hadronic mode with the CDF II detector. Physical Review D, 2010, 81, .	1.6	25
1138	Search for New Particles in Two-Jet Final States in $7$ TeV Proton-Proton Collisions with the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 161801.	2.9	113
1139	Measurement of the $WW+WZ$ production cross section using a matrix element technique in $e^+e^-$ collisions. Physical Review D, 2010, 82, .	1.6	10
1140	Search for $WW$ and $WZ$ Resonances Decaying to Electron, Missing $E_T$ , and Two Jets in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 241801.	2.9	27
1141	The Fast Track real time processor and its impact on muon isolation, tau and $b$ -jet online selections at ATLAS. , 2010, , .		4
1142	Measurement of the Ratio $\sigma(\tau^+\tau^-)/\sigma(Z^0\tau^+\tau^-)$ and Precise Extraction of the $\tau^+\tau^-$ Cross Section. Physical Review Letters, 2010, 105, 012001.	2.9	56
1143	Search for New Physics with a Dijet Plus Missing $E_T$ Signature in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 131801.	2.9	10
1144	Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events with Missing Transverse Energy at CDF II. Physical Review Letters, 2010, 104, 011801.	2.9	32
1145	Search for New Bottomlike Quark Pair Decays $Q\bar{Q}$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 011801.		

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1154	Study of the associated production of photons and b-quark jets in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 81, .	1.6	22
1155	Measurement of $Z\bar{\nu}\nu$ production in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.6	8
1156	Search for anomalous production of events with two photons and additional energetic objects at CDF. Physical Review D, 2010, 82, .	1.6	14
1157	Measurement of the top quark production cross section in $pp \rightarrow t\bar{t} + X$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 81, .	1.6	6
1158	Measurement of the top pair production cross section in the dilepton decay channel in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.6	29
1159	Measurement of the top quark mass in the dilepton channel using $T$ observables at CDF. Physical Review D, 2010, 81, .	1.6	23
1160	Measurements of branching fraction ratios and CP asymmetries in $B \rightarrow D^* K^*$ decays in hadron collisions. Physical Review D, 2010, 81, .	1.6	22
1161	Updated search for the flavor-changing neutral-current decay $D^0 \rightarrow \pi^0 \pi^0$ in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.6	8
1162	Measurements of the top-quark mass using charged particle tracking. Physical Review D, 2010, 81, .	1.6	22
1163	Combined Tevatron upper limit on $\hat{\sigma}(W^+W^-)$ and constraints on the Higgs boson mass in fourth-generation fermion models. Physical Review D, 2010, 82, .	1.6	33
1164	Search for single top quark production in pp collisions at $\sqrt{s}=1.96$ TeV in the missing transverse energy plus jets topology. Physical Review D, 2010, 81, .	1.6	15
1165	Inclusive Search for Squark and Gluino Production in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 121801.	2.9	69
1166	Search for High-Mass Resonances Decaying to Dimuons at CDF. Physical Review Letters, 2009, 102, 091805.	2.9	87
1167	First Observation of $B \rightarrow s\gamma$ and Measurement of the Ratio of Branching Fractions $R_{B \rightarrow s\gamma}$ . Physical Review Letters, 2009, 103, 191802.	2.9	29
1168	Observation of New Charmless Decays of Bottom Hadrons. Physical Review Letters, 2009, 103, 031801.	2.9	44
1169	First Observation of Vector Boson Pairs in a Hadronic Final State at the Tevatron Collider. Physical Review Letters, 2009, 103, 091803.	2.9	20
1170	Search for Higgs Bosons Predicted in Two-Higgs-Doublet Models via Decays to Tau Lepton Pairs in $1.96$ TeV pp Collisions. Physical Review Letters, 2009, 103, 201801.	2.9	43

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1172	Search for Long-Lived Massive Charged Particles in 1.96 TeV Collisions. Physical Review Letters, 2009, 103, 021802.	2.9	58
1173	Search for Maximal Flavor Violating Scalars in Same-Charge Lepton Pairs in $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 041801.	2.9	22
1174	Direct Measurement of the Production Charge Asymmetry in $\sqrt{s}=1.96$ TeV Collisions at CDF. Physical Review Letters, 2009, 102, 041801.	2.9	91
1175	Measurement of the $\sqrt{s}=1.96$ TeV Collisions using the ratio of $Z$ production cross sections. Physical Review Letters, 2009, 102, 041801.	1.6	4
1176	Measurement of Resonance Parameters of Orbital Excited Narrow $B_c$ Mesons. Physical Review Letters, 2009, 102, 102003.	2.9	40
1177	Search for a Higgs Boson Decaying to Two $W$ Bosons at CDF. Physical Review Letters, 2009, 102, 021802.	2.9	22
1178	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
1179	Search for Exclusive $Z$ -Boson Production and Observation of High-Mass $p\bar{p} \rightarrow p\bar{p} + Z + \gamma$ Events in $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 222002.	2.9	63
1180	Search for the Production of Narrow $B_c$ Mesons. Physical Review Letters, 2009, 103, 041801.	2.9	52
1181	Measurement of the $B_c$ Meson Mass Spectrum in $\sqrt{s}=1.96$ TeV Collisions. Physical Review Letters, 2009, 102, 242002.	2.9	275
1182	Measurement of cross sections for $b$ -jet production in events with a $Z$ boson in $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, .	1.6	29
1183	Search for a Standard Model Higgs Boson in $\sqrt{s}=1.96$ TeV Collisions. Physical Review Letters, 2009, 102, 041801.	2.9	33
1184	Precision Measurement of the $B_c$ Meson Production Cross Section in $\sqrt{s}=1.96$ TeV Collisions. Physical Review Letters, 2009, 102, 242001.	2.9	94
1185	Search for the Decays $B(s) \rightarrow e^+ \bar{\nu}_e \gamma$ and $B(s) \rightarrow e^+ e^- \gamma$ in CDF Run II. Physical Review Letters, 2009, 102, 201801.	2.9	40
1186	Top quark mass measurement in the lepton plus jets channel using a modified matrix element method. Physical Review D, 2009, 79, .	1.6	15
1187	Search for Top-Quark Production via Flavor-Changing Neutral Currents in $\sqrt{s}=1.96$ TeV Collisions. Physical Review Letters, 2009, 102, 041801.	2.9	57
1188	Observation of Exclusive Charmonium Production and $B_c$ Meson Production in $\sqrt{s}=1.96$ TeV Collisions. Physical Review Letters, 2009, 102, 242001.	2.9	153

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1190	$\sigma(e^+e^- \rightarrow \mu^+\mu^-)$ Collisions Distribution of Particles in Jets Produced in $\sigma(e^+e^- \rightarrow \mu^+\mu^-)$	2.9	1
1191	$\sigma(e^+e^- \rightarrow \mu^+\mu^-)$ Collisions Distribution of Particles in Jets Produced in $\sigma(e^+e^- \rightarrow \mu^+\mu^-)$	2.9	14
1192	Search for Gluino-Mediated Bottom Squark Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 221801.	2.9	13
1193	First Measurement of the $t\bar{t}$ Differential Cross Section $d\sigma/dM_{t\bar{t}}$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 222003.	2.9	115
1194	Search for new physics in the $e^+e^- \rightarrow \mu^+\mu^-$ process with a low- $p_T$ lepton in $\sigma(e^+e^- \rightarrow \mu^+\mu^-)$	1.6	5
1195	Search for the Associated Production of the Standard-Model Higgs Boson in the All-Hadronic Channel. Physical Review Letters, 2009, 103, 221801.	2.9	59
1196	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
1197	Search for a Fermiophobic Higgs Boson Decaying into Diphotons in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 103, 061803.	2.9	28
1198	Measurement of the Top-Quark Mass with Dilepton Events Selected Using Neuroevolution at CDF. Physical Review Letters, 2009, 102, 152001.	2.9	42
1199	Observation of Electroweak Single Top-Quark Production. Physical Review Letters, 2009, 103, 092002.	2.9	199
1200	First measurement of the ratio of branching fractions $R_B = \mathcal{B}(B \rightarrow \mu^+\mu^-) / \mathcal{B}(B \rightarrow e^+e^-)$		

#	ARTICLE	IF	CITATIONS
1207	Measurement of the inclusive isolated prompt photon cross section in $pp$ collisions at $\sqrt{s} = 1.96$ TeV using the matrix element method at CDF II. Physical Review D, 2009, 80, .	1.6	44
1208	Search for the Higgs boson produced in association with a $W$ boson using a neural network discriminant at CDF. Physical Review D, 2009, 80, .	1.6	10
1209	Global search for new physics with $pp$ collisions at $\sqrt{s} = 1.96$ TeV using dilepton events with a lepton plus track selection. Physical Review D, 2009, 79, .	1.6	53
1210	Measurement of the $t\bar{t}$ production cross section in $pp$ collisions at $\sqrt{s} = 1.96$ TeV using dilepton events with a lepton plus track selection. Physical Review D, 2009, 79, .	1.6	12
1211	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
1212	Measurement of the ratio of branching fractions $B(\bar{B} \rightarrow \tau^+ J) / B(\bar{B} \rightarrow \tau^+ K)$ . Physical Review D, 2009, 79, .	1.6	3
1213	Search for the rare decays $B \rightarrow \tau^+ \nu_\tau K^0$ , $B \rightarrow \tau^+ \nu_\tau K^*$ (892)0, and $B \rightarrow \tau^+ \nu_\tau \bar{K}^0$ at CDF. Physical Review D, 2009, 79, .		
1214	Measurement of the $t\bar{t}$ production cross section in $pp$ collisions at $\sqrt{s} = 1.96$ TeV using all hadronic channel using a matrix element technique in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 79, .	1.6	13
1215	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	10
1216	Search for $W$ and $Z$ bosons plus jets. Physical Review D, 2009, 79, .	1.6	8
1217	Measurement of the fraction of $t\bar{t}$ production via gluon-gluon fusion in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 79, .	1.6	2
1218	Measurement of the differential cross sections in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 79, .	1.6	12
1219	First simultaneous measurement of the top quark mass in the lepton+jets and dilepton channels at CDF. Physical Review D, 2009, 79, .	1.6	64
1220	Measurement of the $b$ -hadron production cross section using decays to $D^0 X$ final states in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 79, .	1.6	25
1221	Searching the inclusive $W$ and $Z$ bosons in photon events in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 80, .	1.6	18
1222	Search for hadronic decays of $W$ and $Z$ bosons in photon events in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 80, .	1.6	5
1223	Publisher's Note: Search for hadronic decays of $W$ and $Z$ bosons in photon events in $pp$ collisions at $\sqrt{s} = 1.96$ TeV [Phys. Rev. D 80, 052011 (2009)]. Physical Review D, 2009, 80, .	1.6	0
1224		1.6	0

#	ARTICLE	IF	CITATIONS
1225	Measurement of the top quark mass at CDF using the $\epsilon$ neutrino template method on a lepton plus isolated jet cross sections in $\sqrt{s}=1.96$ TeV collisions. Physical Review Letters, 2008, 100, 091803.	1.6	10
1226	Search for $\tilde{g}\tilde{g}$ and $\tilde{g}\tilde{q}$ production in $\sqrt{s}=1.96$ TeV collisions. Physical Review Letters, 2008, 100, 091803.	1.6	10
1227	Search for $\tilde{g}\tilde{g}$ and $\tilde{g}\tilde{q}$ production in $\sqrt{s}=1.96$ TeV collisions. Physical Review Letters, 2008, 100, 091803.	1.6	12
1228	Observation of exclusive dijet production at the Fermilab Tevatron collider. Physical Review D, 2008, 77, .	1.6	70
1229	First run II measurement of the $W$ -boson mass at the Fermilab Tevatron. Physical Review Letters, 2008, 100, 091803.	1.6	49
1230	Limits on the production of narrow resonances in $\sqrt{s}=1.96$ TeV collisions. Physical Review D, 2008, 77, .	1.6	35
1231	First measurement of the fraction of top-quark pair production through gluon-gluon fusion. Physical Review D, 2008, 77, .	1.6	9
1232	Measurement of the cross section for $W$ -boson production in association with jets in $\sqrt{s}=1.96$ TeV collisions. Physical Review Letters, 2008, 100, 091803.	1.6	76
1233	Search for heavy, long-lived neutralinos that decay to photons at CDF II using photon timing. Physical Review D, 2008, 78, .	1.6	15
1234	Search for third generation vector leptoquarks in $\sqrt{s}=1.96$ TeV collisions. Physical Review D, 2008, 77, .	1.6	16
1235	Search for new heavy particles decaying to $Z$ bosons in $\sqrt{s}=1.96$ TeV collisions. Physical Review Letters, 2008, 100, 091803.	1.6	5
1236	Cross section measurements of high- $p_T$ dilepton final-state processes using a global fitting method. Physical Review D, 2008, 78, .	1.6	8
1237	Model-independent and quasi-model-independent search for new physics at CDF. Physical Review D, 2008, 78, .	1.6	40
1238	First Measurement of $W$ Boson Production in Association with a Single Charm Quark in $\sqrt{s}=1.96$ TeV Collisions. Physical Review Letters, 2008, 100, 091803.	2.9	35
1239	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
1240	Search for $B_s \rightarrow \tau^+ \tau^-$ and $B \rightarrow \tau^+ \tau^-$ Decays with Missing Transverse Energy and $\tau \rightarrow \mu \nu$ in $\sqrt{s}=1.96$ TeV Collisions. Physical Review Letters, 2008, 100, 101802.	2.9	10
1241	Search for the Higgs Boson in Events with Missing Transverse Energy and $b$ Quark Jets Produced in $\sqrt{s}=1.96$ TeV Collisions. Physical Review Letters, 2008, 100, 091803.	2.9	17
1242	Search for Standard Model Higgs Bosons Produced in Association with $W$ Bosons. Physical Review Letters, 2008, 100, 041801.	2.9	13

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1243	Search for Pair Production of Scalar Top Quarks Decaying to a $\tilde{l}_\nu$ and a Lepton and a Quark in $p\bar{p}$ Collisions at CDF. Physical Review Letters, 2008, 101, 252001.	2.9	15
1244	Measurement of the Single-Top-Quark Production Cross Section at CDF. Physical Review Letters, 2008, 101, 252001.	2.9	45
1245	Measurement of $b\bar{b}$ -jet shapes in inclusive jet production in $p\bar{p}$ collisions at CDF. Physical Review Letters, 2008, 101, 252001.	1.6	11
1246	Two-particle momentum correlations in jets produced in $p\bar{p}$ collisions at CDF. Physical Review Letters, 2008, 101, 252001.	1.6	9
1247	Measurement of correlated $b\bar{b}$ production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2008, 77, 111101.	1.6	23
1248	Forward-Backward Asymmetry in Top-Quark Production in $p\bar{p}$ Collisions at CDF. Physical Review Letters, 2008, 101, 251803.	2.9	187
1249	Search for the Higgs Boson Produced in Association with a $b\bar{b}$ Pair in $p\bar{p}$ Collisions at CDF. Physical Review Letters, 2008, 101, 251801.	1.6	30
1250	First Observation of the Decay $B_s \rightarrow D_s \gamma$ and Measurement of Its Branching Ratio. Physical Review Letters, 2008, 100, 021803.	2.9	16
1251	Search for Supersymmetry in $p\bar{p}$ Collisions at CDF. Physical Review Letters, 2008, 101, 251801.	2.9	56
1252	Strong Evidence for $ZZ$ Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 201801.	2.9	30
1253	Search for standard model Higgs boson production in association with a $b\bar{b}$ pair at CDF. Physical Review D, 2008, 78, 111101.	1.6	10
1254	Search for the Higgs Boson Produced in Association with $Z\tau^+\tau^-$ , $\tau^+\tau^-$ , or $\tau^+\tau^-$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 251803.	2.9	4
1255	Measurement of Lifetime and Decay-Width Difference in $B_s \rightarrow J/\psi \bar{l} l$ Decays. Physical Review Letters, 2008, 100, 121803.	2.9	39
1256	Search for Resonant $t\bar{t}$ Production in $p\bar{p}$ Collisions at CDF. Physical Review Letters, 2008, 101, 251801.	2.9	41
1257	Observation of Orbitally Excited $B_c$ Mesons. Physical Review Letters, 2008, 100, 082001.	2.9	80
1258	Search for Heavy Toplike Quarks Using Lepton Plus Jets Events in $1.96$ TeV $p\bar{p}$ Collisions. Physical Review Letters, 2008, 100, 161803.	2.9	31
1259	Search for Doubly Charged Higgs Bosons with Lepton-Flavor-Violating Decays Involving $\tilde{l}_\nu$ , Leptons. Physical Review Letters, 2008, 101, 121801.	2.9	45
1260	Search for the Flavor-Changing Neutral-Current Decay $t\bar{t} \rightarrow Zq\bar{q}$ in $p\bar{p}$ Collisions at CDF. Physical Review Letters, 2008, 101, 251801.	2.9	60

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1261	Evidence for $D^0 \rightarrow \bar{D}^0$ Mixing Using the CDF II Detector. Physical Review Letters, 2008, 100, 121802.	2.9	100
1262	Measurement of the $B \rightarrow c$ Transverse Energy Produced in $B \rightarrow c$ Collisions. Physical Review Letters, 2008, 100, 182002.	2.9	106
1263	First Flavor-Tagged Determination of Bounds on $B \rightarrow c$ Violation in $B \rightarrow c$ Collisions. Physical Review Letters, 2008, 100, 062005.	2.9	81
1264	Direct Measurement of the $B \rightarrow c$ Cross-Section-Constrained Top-Quark Mass Measurement from Dilepton Events at the Tevatron. Physical Review Letters, 2007, 98, 132002.	2.9	179
1265	Measurement of the $B \rightarrow c$ Polarizations and $B \rightarrow c$ Stretchy. Physical Review Letters, 2007, 99, 242002.	2.9	0
1266	Measurement of the $B \rightarrow c$ Polarizations and $B \rightarrow c$ Stretchy. Physical Review Letters, 2007, 99, 242002.	2.9	14
1267	Cross-Section-Constrained Top-Quark Mass Measurement from Dilepton Events at the Tevatron. Physical Review Letters, 2008, 100, 062005.	2.9	17
1268	Analysis of the Quantum Numbers $J^PC$ of the $X(3872)$ Particle. Physical Review Letters, 2007, 98, 132002.	2.9	193
1269	Measurement of the $pp \rightarrow t \bar{t}$ 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
1270	Search for Exclusive $\hat{t} \hat{t}^*$ Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 99, 242002.	2.9	59
1271	Measurement of the $b$ Lifetime in $b \rightarrow 0 \hat{t}^* \hat{t}^* 0$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 122001.	2.9	24
1272	Polarizations of $B \rightarrow c$ and $B \rightarrow c$ Stretchy. Physical Review Letters, 2007, 99, 242002.	2.8	102
1273	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow \bar{D} s^+ \bar{t} \bar{t}^*) / B(B \rightarrow \bar{D} s^+ \bar{t} \bar{t}^*)$ and $B(B_s \rightarrow \bar{D} s^+ \bar{t} \bar{t}^*) / B(B \rightarrow \bar{D} s^+ \bar{t} \bar{t}^*)$ . Physical Review Letters, 2007, 98, 061802.	2.9	11
1274	Measurement of the inclusive jet cross section using the $k_T$ algorithm in $pp \rightarrow \hat{t} \hat{t}^*$ collisions at $\sqrt{s} = 1.96$ TeV with the CDF II detector. Physical Review D, 2007, 75, .	1.6	114
1275	Measurement of $f$ ( $pp \rightarrow \hat{t} \hat{t}^* Z$ ) $B(Z \rightarrow \bar{l} l)$ in $pp \rightarrow \hat{t} \hat{t}^*$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 75, .	1.6	24
1276	Search for Chargino-Neutralino Production in $pp \rightarrow \hat{t} \hat{t}^*$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 99, 191806.	2.9	11
1277	Search for $V+A$ Current in Top-Quark Decays in $pp \rightarrow \hat{t} \hat{t}^*$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 072001.	2.9	22
1278	Inclusive Search for New Physics with Like-Sign Dilepton Events in $pp \rightarrow \hat{t} \hat{t}^*$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 221803.	2.9	41

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1280	Measurement of $\sigma(\bar{b}b)/\sigma(\bar{c}c)$ at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 122002.	2.9	23
1281	Search for Anomalous Production of Multilepton Events in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 131804.	2.9	15
1282	Search for new particles leading to jets final states in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 171802.	1.6	30
1283	Search for new particles leading to jets final states in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 171802.	2.9	69
1284	Observation of Exclusive Electron-Positron Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 99, 112001.	2.9	79
1285	First Measurement of the $W$ -Boson Mass in Run II of the Tevatron. Physical Review Letters, 2007, 99, 151801.	2.9	46
1286	Measurement of the Top-Quark Mass in All-Hadronic Decays in $p\bar{p}$ Collisions at CDF II. Physical Review Letters, 2007, 99, 142001.	2.9	29
1287	Observation and Mass Measurement of the Baryon $\Lambda_b^0$ . Physical Review Letters, 2007, 99, 052002.	2.9	86
1288	Precise Measurement of the Top-Quark Mass in the Lepton+Jets Topology at CDF II. Physical Review Letters, 2007, 99, 182002.	2.9	26
1289	Search for Heavy Long-Lived Particles that Decay to Photons at CDF II. Physical Review Letters, 2007, 99, 121801.	2.9	22
1290	Observation of $WZ$ Production. Physical Review Letters, 2007, 99, 161801.	2.9	36
1291	Search for High-Mass Diphoton States and Limits on Randall-Sundrum Gravitons at CDF. Physical Review Letters, 2007, 99, 171801.	2.9	19
1292	First Measurement of the Ratio of Central-Electron to Forward-Electron $W$ Partial Cross Sections in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 251801.	2.9	2
1293	Measurement of $\sigma(\bar{b}b)/\sigma(\bar{c}c)$ at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 202001.	2.9	23
1294	Publisher's Note: Measurement of the inclusive jet cross section using the $k_T$ algorithm in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV with the CDF II detector [Phys. Rev. D 75, 092006 (2007)]. Physical Review D, 2007, 75, .	1.6	23
1295	The SVT Bypass for a Forward Lepton wide coverage in the CDF Trigger. , 2007, .		0
1296	Measurement of the $B^+$ production cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	1.6	45

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1297	Precision measurement of the top-quark mass from dilepton events at CDF II. Physical Review D, 2007, 75, .	1.6	29
1298	Search for $W \rightarrow b\bar{c}$ boson decaying to electron-neutrino pairs in $p\bar{p} \rightarrow \gamma^* \rightarrow e^+e^-$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 75, .	1.6	20
1299	Search for new physics in lepton+photon+X events with $929 \leq p_T \leq 10$ GeV in $p\bar{p} \rightarrow \gamma^* \rightarrow e^+e^-$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 75, .	1.6	11
1300	Search for exotic $S = \pm 2$ baryons in $p\bar{p} \rightarrow \gamma^* \rightarrow e^+e^-$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 75, .	1.6	7
1301	Measurement of the top quark mass in $p\bar{p} \rightarrow \gamma^* \rightarrow e^+e^-$ collisions at $\sqrt{s} = 1.96$ TeV using the decay length technique. Physical Review D, 2007, 75, .	1.6	13
1302	Measurement of the helicity fractions of $W$ bosons from top quark decays using fully reconstructed $t\bar{t} \rightarrow e^+e^-$ events with CDF II. Physical Review D, 2007, 75, .	1.6	25
1303	Measurements of inclusive $W$ and $Z$ cross sections in $p\bar{p} \rightarrow \gamma^* \rightarrow e^+e^-$ collisions at $\sqrt{s} = 1.96$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 2457-2544.	1.4	188
1304	Limits on anomalous triple gauge couplings in $p\bar{p} \rightarrow \gamma^* \rightarrow e^+e^-$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 76, .	1.6	18
1305	Searches for direct pair production of supersymmetric top and supersymmetric bottom quarks in $p\bar{p} \rightarrow \gamma^* \rightarrow e^+e^-$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 76, .	1.6	27
1306	Measurement of the top-quark mass using missing $E_T$ + jet events with secondary vertex $b$ -tagging at CDF II. Physical Review D, 2007, 75, .	1.6	7
1307	On-line tracking processors at hadron colliders: The SVT experience at CDF II and beyond. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 473-475.	0.7	8
1308	The Silicon Vertex Trigger upgrade at CDF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 361-364.	0.7	41
1309	CDF: B Physics Performance and Trigger "Operational Experience. Nuclear Physics, Section B, Proceedings Supplements, 2007, 170, 283-287.	0.5	1
1310	Observation of $B_s \rightarrow B_s^0$ oscillations. Physical Review Letters, 2006, 97, 242003.	2.9	311
1311	Search for Excited and Exotic Muons in the $\tau \rightarrow \mu \nu_\tau$ Decay Channel in $p\bar{p} \rightarrow \gamma^* \rightarrow e^+e^-$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 191802.	2.9	19
1312	The AM++ board for the silicon vertex tracker upgrade at CDF. IEEE Transactions on Nuclear Science, 2006, 53, 1726-1731.	1.2	8
1313	Measurement of the helicity of $W$ bosons in top-quark decays. Physical Review D, 2006, 73, .	1.6	21
1314	Measurement of the ratio of branching fractions $B(D \rightarrow K^* \mu^+ \nu) / B(D \rightarrow K^* e^+ \nu)$ using the CDF II detector. Physical Review D, 2006, 74, .	1.6	13

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1316	Measurement of the top quark mass with the dynamical likelihood method using lepton plus jets events with b-tags in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 73, .	1.6	22
1317	Measurement of the inclusive jet cross section in $p\bar{p}$ interactions at $\sqrt{s}=1.96$ TeV using a cone-based jet algorithm. Physical Review D, 2006, 74, .	1.6	44
1318	Search for New Physics in Lepton+Photon+X Events with 305 $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 97, 031801.	2.9	7
1319	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. Physical Review D, 2006, 74, .	1.6	72
1320	Measurement of the b jet cross section in events with a Z boson in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 74, .	1.6	20
1321	Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV in the all hadronic decay mode. Physical Review D, 2006, 74, .	1.6	14
1322	Search for anomalous semileptonic decay of heavy flavor hadrons produced in association with a W boson at CDF II. Physical Review D, 2006, 73, .	1.6	3
1323	Measurement of mass and width of the excited charmed meson states $D_{10}$ and $D_{2^*0}$ at CDF. Physical Review D, 2006, 73, .	1.6	17
1324	Top quark mass measurement using the template method in the lepton+jets channel at CDF II. Physical Review D, 2006, 73, .	1.6	124
1325	Real time secondary vertexing at CDF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 569, 111-114.	0.7	6
1326	A search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mi} \rangle t \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{t} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \bar{t} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \hat{t} / 2 \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle q \langle \text{mml:mi} \rangle \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"} \rangle \langle \text{mml:mi} \rangle t \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle t \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{t} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 639, 172-178.	1.5	9
1327	The "Road Warrior" for the CDF online silicon vertex tracker. IEEE Transactions on Nuclear Science, 2006, 53, 648-652.	1.2	1
1328	Search for High-Mass Resonances Decaying to $e\bar{e} + \mu\bar{\mu} + \tau\bar{\tau}$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 211802.	2.9	31
1329	Evidence for the Exclusive Decay $B_c \rightarrow \hat{t} \bar{t} \bar{t} \bar{t}$ and Measurement of the Mass of the $B_c$ Meson. Physical Review Letters, 2006, 96, 082002.	2.9	76
1330	Precision Top-Quark Mass Measurement in the Lepton+Jets Topology in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 022004.	2.9	31
1331	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow \hat{t} \bar{t} D_s^-) / B(B \rightarrow \hat{t} \bar{t} D^-)$ and $B(B \rightarrow \hat{t} \bar{t} D^0) / B(B \rightarrow \hat{t} \bar{t} D^+)$ . Physical Review Letters, 2006, 96, 191801.	2.9	15
1332	A VLSI Processor for Fast Track Finding Based on Content Addressable Memories. IEEE Transactions on Nuclear Science, 2006, 53, 2428-2433.	1.2	47

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1334	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. Physical Review Letters, 2006, 96, 011802.	2.9	63
1335	Top-Quark Mass Measurement from Dilepton Events at CDF II. Physical Review Letters, 2006, 96, 152002.	2.9	25
1336	Measurement of the $t\bar{t}$ Production Cross Section in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 97, 082004.	2.9	72
1337	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
1338	Top quark mass measurement from dilepton events at CDF II with the matrix-element method. Physical Review D, 2006, 74, .	1.6	24
1339	Measurement of the top quark mass using template methods on dilepton events in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 73, .	1.6	41
1340	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
1341	Measurement of the $B_c$ Meson Lifetime Using the Decay Mode $B_c \rightarrow J/\psi e^+ e^-$ . Physical Review Letters, 2006, 97, 012002.	2.9	73
1342	Observation of $B_s \rightarrow \tau^+ \tau^- (2S)$ and Measurement of the Ratio of Branching Fractions $B(B_s \rightarrow \tau^+ \tau^- (2S)) / B(B_s \rightarrow J/\psi \tau^+ \tau^-)$ . Physical Review Letters, 2006, 96, 231801.	2.9	12
1343	Measurement of the Dipion Mass Spectrum in $X(3872) \rightarrow J/\psi \pi^+ \pi^-$ Decays. Physical Review Letters, 2006, 96, 102002.	2.9	121
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