

Jahred Adelman

List of Publications by Year in descending order

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Version: 2024-02-01

1,281
papers

70,937
citations

944

115
h-index

2500

196
g-index

1310
all docs

1310
docs citations

1310
times ranked

14286
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 Run 2. 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 Run 2. 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 ⁻¹ 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 $W \rightarrow \mu \nu$ events in Run 2 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	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
17	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
18	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

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19	Constraints on Higgs boson production with large transverse momentum using $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. <i>Physical Review D</i> , 2022, 105, .	1.6	10
20	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s} = 7, 8$ and 13 TeV. <i>European Physical Journal C</i> , 2022, 82, 1.	1.6	5
21	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. <i>Physical Review D</i> , 2022, 105, .	1.4	12
22	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. <i>European Physical Journal C</i> , 2022, 82, .	1.6	10
23	Two-particle Bose-Einstein correlations in pp collisions at $\sqrt{s} = 13$ TeV measured with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2022, 82, .	1.1	6
24	Measurement of hadronic event shapes in high-pT multijet final states at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.4	13
25	A search for the dimuon decay of the Standard Model Higgs boson with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 812, 135980.	1.4	3
26	Measurement of the jet mass in high transverse momentum Z production at $\sqrt{s} = 13$ TeV using the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 812, 135991.	1.6	4
27	Medium-Induced Modification of Z-Tagged Charged Particle Yields in Pb-Pb Collisions at 5.02 TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2021, 126, 072301.	1.5	61
28	Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fb ⁻¹ of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	2.9	7
29	Differential cross-section measurements for the electroweak production of dijets in association with a Z boson in proton-proton collisions at ATLAS. <i>European Physical Journal C</i> , 2021, 81, 1.	1.6	37
30	Measurements of WH and ZH production in the $H \rightarrow b\bar{b}$ decay channel in pp collisions at $\sqrt{s} = 13, 8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	12
31	Search for dark matter in association with an energetic photon in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.4	38
32	Search for type-III seesaw heavy leptons in dilepton final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021, 81, 1.	1.6	18
33	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb ⁻¹ of Pb+Pb data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.4	17
34	Search for Higgs boson production in association with a high-energy photon via vector-boson fusion with decay into bottom quark pairs at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	19
35	Search for Higgs boson production in association with a high-energy photon via vector-boson fusion with decay into bottom quark pairs at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	6

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37	<p>Production of Dark Matter Produced in Association with a Dark Higgs Boson Decaying into Z or W in Fully Hadronic Final States</p> <p>Longitudinal Flow Decorrelations in pp Collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.</p>	2.9	6
38	<p>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.</p>	2.9	17
39	<p>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.</p>	1.6	14
40	<p>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.</p>	1.6	22
41	<p>Measurement of the CP-violating phase ϕ_{s1} in $B_{s1} \rightarrow J/\psi \phi$ decays in ATLAS at 13 TeV. European Physical Journal C, 2021, 81, .</p>	1.4	18
42	<p>Measurement of the CP-violating phase ϕ_{s1} in $B_{s1} \rightarrow J/\psi \phi$ decays in ATLAS at 13 TeV. European Physical Journal C, 2021, 81, .</p>	1.4	13
43	<p>Optimisation of large-radius jet reconstruction for the ATLAS detector in 13 TeV proton-proton collisions. European Physical Journal C, 2021, 81, 1.</p>	1.4	15
44	<p>Search for heavy resonances decaying into a pair of Z bosons in the pp final states using 139 fb⁻¹ of proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.</p>	1.4	40
45	<p>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.</p>	1.6	18
46	<p>Measurement of the associated production of a Higgs boson decaying into b-quarks with a vector boson at high transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136190.</p>	1.5	17
47	<p>Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the pp final states using 139 fb⁻¹ of proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.</p>	1.4	26
48	<p>Observation of proton-induced $W+W$ production in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136190.</p>	1.5	6
49	<p>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.</p>	1.6	23
50	<p>Search for new phenomena in events with an energetic jet and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2021, 103, .</p>	1.6	64
51	<p>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, .</p>	1.6	2
52	<p>Measurements of $W+W$ + 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.</p>	1.6	8
53	<p>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.</p>	1.6	46
54	<p>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.</p>	1.4	14

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55	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a \bar{l}_ν -lepton in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	27
56	Search for charged-lepton-flavour violation in Z-boson decays with the ATLAS detector. Nature Physics, 2021, 17, 819-825.	6.5	8
57	Search for Displaced Leptons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS Detector. Physical Review Letters, 2021, 127, 051802.	2.9	17
58	Test of the universality of \bar{l}_ν , and $\hat{1}/4$ 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 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 $\sqrt{s} = 8, 13$ 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 anti-quark 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 resonances decaying into photon pairs in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.6	4
75	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.	1.1	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 $\sqrt{s} = 13$ TeV pp collisions 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	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
83	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
84	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
85	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
86	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
87	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
88	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1.	1.4	7
89	Search for Lepton-Flavor Violation in Z-Boson Decays with Leptons with the ATLAS Detector. Physical Review Letters, 2021, 127, 141801.	2.9	8
90	Search for charginos and neutralinos in final states with two boosted hadronically decaying bosons and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Physical Review D, 2021, 104, .	1.6	25

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91	Search for new phenomena in τ leptons, b -jets, and missing transverse momentum with the ATLAS detector. Physical Review D, 2021, 104, 114001.	1.6	14
92	Measurement of b -quark fragmentation properties in jets using the decay $B \rightarrow J/\psi K^*_{S1}$ in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	3
93	Combined measurements of Higgs boson production and decay using up to 80×80 GeV of proton-proton collision data at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2020, 102, 113002.	2.4	24
94	Search for displaced vertices of oppositely charged leptons from decays of long-lived particles 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, 135114.	1.5	14
95	Search for non-resonant Higgs boson pair production in the $b\bar{b}\gamma$, $1/2\gamma$, $1/2$ 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
96	Search for the Higgs boson decays $H \rightarrow \tau^+ \tau^- e e$ and $H \rightarrow \tau^+ \tau^- e \mu$ in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135148.	1.5	31
97	Searches for lepton-flavour-violating decays of the Higgs boson in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135069.	1.5	30
98	Search for flavour-changing neutral currents in processes with one top quark and a photon using 81 fb^{-1} of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135082.	1.5	10
99	A 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, 135103.	1.5	53
100	Search for the Higgs boson decaying to a photon and a Z 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, 135103.	1.5	28
101	Measurement of azimuthal anisotropy of muons from charm and bottom hadrons in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135103.	2.9	67
102	Measurements of inclusive and differential cross-sections of combined $t\bar{t}$ and tW production in the $e\bar{\nu}_e$ channel at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.5	17
103	Measurements of inclusive and differential cross-sections of combined $t\bar{t}$ and tW production in the $e\bar{\nu}_e$ channel at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	3
104	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
105	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
106	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the 4ℓ decay channel at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	32
107	Measurement of the Higgs boson production cross-section in the lepton+jets channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135069.	1.5	12
108	Fluctuations of anisotropic flow in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	28

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109	Performance of the ATLAS muon triggers in Run 2. Journal of Instrumentation, 2020, 15, P09015-P09015.	0.5	62
110	Search for direct production of electroweakinos in final states with one lepton, missing transverse momentum and a Higgs boson decaying into two b-jets in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	34
111	Measurement of differential cross sections for single diffractive dissociation in $\sqrt{s} = 8$ TeV pp collisions using the ATLAS ALFA spectrometer. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
112	Measurement of isolated-photon plus two-jet production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	3
113	Properties of Higgs Boson Interactions with Top Quarks in the $t\bar{t}H$ process. $\hat{\sigma}(pp \rightarrow t\bar{t}H)$ and $\sigma(pp \rightarrow t\bar{t}H)$ at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	2.9	40
114	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
115	Search for the HH $\rightarrow b\bar{b}b\bar{b}$ process via vector-boson fusion production using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	17
116	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
117	Measurement of the transverse momentum distribution of Drell-Yan lepton pairs in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	28
118	Search for Heavy Higgs Bosons Decaying into Two Tau Leptons with the ATLAS Detector Using p_T Collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	2.9	97
119	Measurement of the azimuthal anisotropy of charged-particle production in pp collisions with the ATLAS detector. Physical Review Letters, 2020, 125, 022301.	1.6	80
120	Search for direct production of electroweakinos in final states with one lepton, missing transverse momentum and a Higgs boson decaying into two tau leptons with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.1	29
121	Search for long-lived neutral particles produced in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review D, 2020, 101, 032004.	1.6	33
122	Search for direct production of electroweakinos in final states with missing transverse momentum and a Higgs boson decaying into photons in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	20
123	Measurement of soft-drop jet observables in pp collisions with the ATLAS detector at $\sqrt{s}=13$ TeV. Physical Review D, 2020, 101, 032004.	1.6	4
124	Measurements of top-quark pair spin correlations in the $se\mu e$ channel at $\sqrt{s} = 13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.6	21
125	Performance of the upgraded PreProcessor of the ATLAS Level-1 Calorimeter Trigger. Journal of Instrumentation, 2020, 15, P11016-P11016.	1.4	22
126	Performance of the upgraded PreProcessor of the ATLAS Level-1 Calorimeter Trigger. Journal of Instrumentation, 2020, 15, P11016-P11016.	0.5	4

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127	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $\sqrt{s} = 13$ TeV proton-proton collisions recorded by ATLAS in Run 2 of the LHC. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	12
128	Search for Higgs boson decays into two low-mass spin-0 particles in the $b\bar{b}$ channel with the ATLAS detector using $\sqrt{s} = 13$ TeV proton-proton collisions at the LHC. <i>Physical Review Letters</i> , 2020, 125, 221802.	1.6	17
129	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. <i>Physical Review Letters</i> , 2020, 125, 221802.	2.9	20
130	Higgs boson production cross-section measurements and their EFT interpretation in the $b\bar{b}$ decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	41
131	Search for heavy neutral Higgs bosons produced in association with $b\bar{b}$ -quarks and decaying into $b\bar{b}$ -quarks at $\sqrt{s} = 13$ TeV proton-proton collisions with the ATLAS detector. <i>Physical Review D</i> , 2020, 102, .	1.6	22
132	Search for long-lived, massive particles in events with a displaced vertex and a muon with large impact parameter in $\sqrt{s} = 13$ TeV proton-proton collisions at the ATLAS detector. <i>Physical Review D</i> , 2020, 102, .	1.6	22
133	Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	36
134	Search for chargino-neutralino production with mass splittings near the electroweak scale in three-lepton final states in $\sqrt{s} = 13$ TeV proton-proton collisions with the ATLAS detector. <i>Physical Review D</i> , 2020, 101, .	1.6	28
135	ATLAS data quality operations and performance for 2015–2018 data-taking. <i>Journal of Instrumentation</i> , 2020, 15, P04003-P04003.	0.5	68
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137	Test of CP invariance in vector-boson fusion production of the Higgs boson in the $H\bar{A}^0 \rightarrow \tau^+ \tau^- J$ channel in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2020, 124, 082301.	1.5	22
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140	Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fb^{-1} of data collected with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	19
141	Search for dijet resonances in events with an isolated charged lepton using $\sqrt{s} = 13$ TeV proton-proton collision data collected by the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	7
142	Z boson production in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV measured by the ATLAS experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 805, 135426.	1.5	11
143	Search for Magnetic Monopoles and Stable High-Electric-Charge Objects in $\sqrt{s} = 13$ TeV Proton-Proton Collisions with the ATLAS Detector. <i>Physical Review Letters</i> , 2020, 124, 031802.	2.9	25
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150	Reconstruction and identification of boosted $d\bar{t}$ systems in a search for Higgs boson pairs using 13 TeV proton-proton collision data in ATLAS. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
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157	Search for top squarks in events with a Higgs or Z boson using 139 fb^{-1} of pp collision data at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	4
158	Evidence for $t\bar{t}$ production in the multilepton final state in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	30
159	Search for heavy diboson resonances in semileptonic final states in pp collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	29
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165	Search for high-mass dilepton resonances using 13.6-TeV pp collision data collected at the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 56-75.	2.9	23
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167	Search for long-lived neutral particles in pp collisions at $\sqrt{s} = 13\text{-TeV}$ that decay into displaced hadronic jets in the ATLAS calorimeter. European Physical Journal C, 2019, 79, 1.	1.6	21
168	Search for heavy particles decaying into a top-quark pair in the fully hadronic final state in $\sqrt{s} = 13\text{ TeV}$ collisions at the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 56-75.	1.4	28
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207	Search for top-quark decays $t \rightarrow Hq$ with 36 fb^{-1} of pp collision data at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2019, 99, 092001.	1.6	63
208	Measurements of W and Z boson production in pp collisions at $\sqrt{s} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	1.4	17
209	Performance of top-quark and W -boson tagging with ATLAS in Run 2 of the LHC. European Physical Journal C, 2019, 79, 1.	1.4	42
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213	Electron and photon energy calibration with the ATLAS detector using 2015-2016 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P03017-P03017.	0.5	37
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236	ATLAS b-jet identification performance and efficiency measurement with $t\bar{t}$ events in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	130
237	Measurement of flow harmonics correlations with mean transverse momentum in lead-lead and proton-lead collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ -hbox {TeV} with the ATLAS detector. Measurement of angular and momentum distributions of charged particles within and around jets in	1.4	36
238	and $Pb+Pb$ collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV with the ATLAS detector. Measurement of angular and momentum distributions of charged particles within and around jets in	1.1	11
239	Search for electroweak diboson production in association with a high-mass dijet system in semileptonic final states in $p\bar{p}$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Search for electroweak diboson production in association with a high-mass dijet system in semileptonic final states in $p\bar{p}$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector.	1.1	14
240	collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Search for electroweak diboson production in association with a high-mass dijet system in semileptonic final states in $p\bar{p}$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector.	1.6	15
241	collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Search for electroweak diboson production in association with a high-mass dijet system in semileptonic final states in $p\bar{p}$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector.	1.6	43
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251	Evidence for the associated production of the Higgs boson and a top quark pair with the ATLAS detector. Physical Review D, 2018, 97, 072002.	1.6	51

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272	Search for long-lived, massive particles in events with displaced vertices and missing transverse momentum in $\sqrt{s}=13$ TeV collisions with the ATLAS detector. Physical Review D, 2018, 97, .	1.6	13
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275	Measurement of the production cross section of three isolated photons in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 318-337.	1.6	13
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281	Measurement of colour flow using jet-pull observables in $t\bar{t}$ events with the ATLAS experiment at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 847.	1.4	16
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291	Measurements of differential cross sections of top quark pair production in association with jets in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	9
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308	Search for heavy resonances decaying to a photon and a hadronically decaying Z boson in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 124-155.	1.6	13
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338	Search for supersymmetry in events with four or more leptons in $s = 13$ TeV pp collisions with ATLAS. Physical Review D, 2018, 98, .	1.6	21
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362	Measurement of the W-boson mass in pp collisions at ($\sqrt{s}=7$, hbox {TeV}) with the ATLAS detector. , 2018, 78, 1.		1
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544	Search for squarks and gluinos in final states with jets and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 392.	1.4	73
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718	Search for a multi-Higgs boson cascade in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2014, 90, 072004.	1.6	52
719	Study of heavy-flavor quarks produced in association with top-quark pairs at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physical Review D, 2014, 89, .	1.6	12
720	Study of heavy-flavor quarks produced in association with top-quark pairs at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physical Review D, 2014, 89, .	1.6	12

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721	Measurement of the Higgs boson mass from the $H \rightarrow \gamma\gamma$ channel in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review Letters, 2014, 112, 041802.	1.6	176
722	Search for Dark Matter in Events with a Hadronically Decaying W Boson and Missing Transverse Momentum in pp Collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector. Physical Review Letters, 2014, 112, 041802.	2.9	129
723	Measurement of long-range pseudorapidity correlations and azimuthal harmonics in $NN = 5.02$ TeV proton-lead collisions with the ATLAS detector. Physical Review C, 2014, 90, .	1.1	111
724	Observation of an Excited B_c State with the ATLAS Detector. Physical Review Letters, 2014, 113, 212004.	1.1	102
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733	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3195.	1.4	46
734	Search for direct pair production of the top squark in all-hadronic final states in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	41
735	Measurement of the production cross-section of $\tilde{t}(2S) \rightarrow \tilde{t}(\tilde{t}^* \rightarrow \frac{1}{4} \tilde{t} + \frac{1}{4} \tilde{t}^*) + \tilde{t} \rightarrow \tilde{t} + \tilde{t}^*$ in pp collisions at $\sqrt{s} = 7$ TeV at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21
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738	Measurement of differential production cross-sections for a Z boson in association with b-jets in 7 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45

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740	Search for pair and single production of new heavy quarks that decay to a Z boson and a third-generation quark in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
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746	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data. European Physical Journal C, 2014, 74, 2941.	1.4	204
747	Measurement of the underlying event in jet events from 7 TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 1.	1.4	23
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749	Light-quark and gluon jet discrimination in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3023.	1.4	77
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756	Search for top quark decays $t \rightarrow qH$ with $H \rightarrow \tau\tau$ using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, .	1.6	35

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760	Measurement of $\tilde{t}c_1$ and $\tilde{t}c_2$ production with $\sqrt{s} = 7$ TeV pp collisions at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	32
761	Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	10
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764	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.		
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766	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
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768	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
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774	Measurement of k T splitting scales in $W\tilde{\chi}^0$, $\tilde{\chi}^0/2$ events at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	1.4	19

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777	Search for displaced muonic lepton jets from light Higgs boson decay 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, 726, 120-144.	1.5	21
778	Measurement of the energy flow in $D_s^* \rightarrow \ell \nu$ differential 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, 726, 120-144.	1.5	21
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782	Search for resonances in the lepton plus jets final state with ATLAS using $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	39
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784	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum at $\sqrt{s} = 8$ TeV proton-proton collisions using the ATLAS experiment. Journal of High Energy Physics, 2013, 2013, 1.	1.6	71
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794	Measurement of the top quark charge in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	17
795	Search for long-lived, multi-charged particles in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	110
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799	Search for direct chargino production in anomaly-mediated supersymmetry breaking models based on a disappearing-track signature in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	15
800	Search for single top quark production with the ATLAS detector at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.5	11
801	Search for light top quark pair production in final states with leptons and b-jets with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-31.	1.5	195
802	Dynamics of isolated-photon plus jet production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-31.	1.5	195
803	Measurement with the ATLAS detector of multi-particle azimuthal correlations in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Nuclear Physics B, 2013, 875, 483-535.	0.9	33
804	Search for pair production of heavy top-like quarks decaying to a high-pT lepton and a b quark in the lepton plus jets final state at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-31.	1.5	169
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806	Search for prompt lepton-jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 73-31.	1.5	40
807	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, 720, 73-31.	1.5	38
808	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, 720, 73-31.	1.5	38
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810	Search for long-lived, heavy particles in final states with a muon and multi-track displaced vertex in pp 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

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838	Measurements of $Z\tau^+\tau^-$ production in $\sqrt{s} = 7\text{TeV}$ collisions with the ATLAS detector. Physical Review D, 2013, 87, .	1.6	14
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840	Measurement of the Azimuthal Angle Dependence of Inclusive Jet Yields in Pb+Pb Collisions at $\sqrt{s_{NN}} = 2.76\text{TeV}$ with the ATLAS Detector. Physical Review Letters, 2013, 111, 152301.	1.6	60
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842	Search for Gluinos in Events with Two Same-Sign Leptons, Jets, and Missing Transverse Momentum with the ATLAS Detector in pp Collisions at $\sqrt{s} = 7\text{TeV}$. Physical Review Letters, 2012, 108, 241802.	2.9	5
843	Measurement of the azimuthal ordering of charged hadrons with the ATLAS detector. Physical Review D, 2012, 86, .	2.9	37
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850	Search for Pair Production of a Heavy Up-Type Quark Decaying to a Bottom Quark and a Bottom Quark in the ATLAS Detector. Physical Review Letters, 2012, 109, 071801.	2.9	31
851	Search for Pair Production of a Heavy Up-Type Quark Decaying to a Bottom Quark and a Bottom Quark in the ATLAS Detector. Physical Review Letters, 2012, 109, 071801.	2.9	80
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1020	Search for the Higgs Boson in the H to ZZ to 4l decay channel in pp collisions at the ATLAS Detector. Physical Review Letters, 2011, 107, 231801.	2.9	23
1021	Measurement of the Higgs boson lifetime using a simulation free approach for trigger bias correction. Physical Review D, 2011, 83, .	1.6	8
1022	Search for a Heavy Particle Decaying into an Electron and a Muon with the ATLAS Detector in pp collisions at the LHC. Physical Review Letters, 2011, 107, 231801.	2.9	15
1023	Search for Dilepton Resonances in pp collisions at the ATLAS Detector. Physical Review Letters, 2011, 107, 231801.	2.9	136
1024	Search for a Standard Model Higgs Boson in the H to ZZ to 4l decay channel with the ATLAS Detector. Physical Review Letters, 2011, 107, 221802.	2.9	81
1025	Search for a Standard Model Higgs Boson in the H to ZZ to 4l decay channel with the ATLAS Detector. Physical Review Letters, 2011, 106, 172002.	2.9	61
1026	Search for a Standard Model Higgs Boson in the H to ZZ to 4l decay channel with the ATLAS Detector. Physical Review Letters, 2011, 107, 221802.	2.9	29

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1028	Data quality from the Detector Control System at the ATLAS experiment. Journal of Physics: Conference Series, 2010, 219, 022037.	0.3	6
1029	ATLAS offline data quality monitoring. Journal of Physics: Conference Series, 2010, 219, 042018.	0.3	11
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1036	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	1.4	1,187
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1042	Measurement of the $W \rightarrow e \nu_e$ production cross section in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2010, 2010, 1.	1.5	73
1043	Search for the Higgs boson in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2010, 2010, 1.	2.9	20
1044	Search for Technicolor Particles Produced in Association with a W Boson at CDF. Physical Review Letters, 2010, 104, 111802.	2.9	7

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1046	Measurement of the $b \rightarrow b0 \hat{t} \bar{t} c + \bar{t} c \hat{t} \bar{t} c$ Decays in $pp \hat{A}^-$ Collisions at $s = 1.96 \hat{a} \hat{e} \hat{r} \hat{c} \hat{e} \hat{v}$. Physical Review Letters, 2010, 104, 102002.	2.9	27
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1048	Search for Pair Production of Supersymmetric Top Quarks in Dilepton Events from $pp \hat{A}^-$ Collisions at $s = 1.96 \hat{a} \hat{e} \hat{r} \hat{c} \hat{e} \hat{v}$. Physical Review Letters, 2010, 104, 251801.	2.9	30
1049	Measurement of the $W+W \hat{a}$ Production Cross Section and Search for Anomalous $WW \hat{3}$ and WWZ Couplings in $pp \hat{A}^-$ Collisions at $s = 1.96 \hat{a} \hat{e} \hat{r} \hat{c} \hat{e} \hat{v}$. Physical Review Letters, 2010, 104, 201801.	2.9	64
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1053	Search for the Higgs Boson Using Neural Networks in Events with Missing Energy and b -Quark Jets in $pp \hat{A}^-$ Collisions at $s = 1.96 \hat{a} \hat{e} \hat{r} \hat{c} \hat{e} \hat{v}$. Physical Review Letters, 2010, 104, 141801.	2.9	11
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1055	Measurement of the top quark mass and $pp \hat{A}^- \hat{t} \bar{t} \hat{A}^-$ cross section in the all-hadronic mode with the CDF II detector. Physical Review D, 2010, 81, .	1.6	25
1056	Search for New Particles in Two-Jet Final States in $7 \hat{A} \text{TeV}$ Proton-Proton Collisions with the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 161801.	2.9	113
1057	Search for WW and WZ Resonances Decaying to Electron, Missing E_T , and Two Jets in $pp \hat{A}^-$ Collisions at $s = 1.96 \hat{a} \hat{e} \hat{r} \hat{c} \hat{e} \hat{v}$. Physical Review Letters, 2010, 104, 241801.	2.9	27
1058	Measurement of the Ratio $\hat{t} \bar{t} \hat{A}^- \hat{t} \bar{t} \hat{A}^- / \hat{t} \bar{t} \hat{3} \hat{t} \bar{t} \hat{3}$ and Precise Extraction of the $\hat{t} \bar{t} \hat{A}^-$ Cross Section. Physical Review Letters, 2010, 105, 012001.	2.9	56
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1061	Search for New Bottomlike Quark Pair Decays $pp \hat{A}^- \hat{b} \bar{b} \hat{A}^-$ in $pp \hat{A}^-$ Collisions at $s = 1.96 \hat{a} \hat{e} \hat{r} \hat{c} \hat{e} \hat{v}$. Physical Review Letters, 2010, 104, 101801.	2.9	32

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1065	Studying the underlying event in Drell-Yan and high transverse momentum jet production at the Tevatron. Physical Review D, 2010, 82, .	1.6	50
1066	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
1067	Measurement of $Z\bar{\nu}\nu$ production in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.6	8
1068	Search for anomalous production of events with two photons and additional energetic objects at CDF. Physical Review D, 2010, 82, .	1.6	14
1069	Measurement of the top quark mass in the dilepton channel using production cross section in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 81, .	1.6	6
1070	Measurement of the top quark mass in the dilepton channel using production cross section in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 81, .	1.6	23
1071	Measurements of branching fraction ratios and CP asymmetries in $B^0 \rightarrow D^0 K^{\pm} K^{\mp}$ decays in hadron collisions. Physical Review D, 2010, 81, .	1.6	22
1072	Measurements of the top-quark mass using charged particle tracking. Physical Review D, 2010, 81, .	1.6	22
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1077	Search for High-Mass Resonances Decaying to Dimuons at CDF. Physical Review Letters, 2009, 102, 091805.	2.9	87
1078	First Observation of $B \rightarrow D^* \mu^+ \mu^-$ and Measurement of the Ratio of Branching Fractions $R(D^*)$. Physical Review Letters, 2009, 103, 191802.	2.9	29
1079	Observation of New Charmless Decays of Bottom Hadrons. Physical Review Letters, 2009, 103, 031801.	2.9	44
1080	First Observation of Vector Boson Pairs in a Hadronic Final State at the Tevatron Collider. Physical Review Letters, 2009, 103, 091803.	2.9	20

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1083	Search for Long-Lived Massive Charged Particles in 1.96 TeV Collisions. <i>Physical Review Letters</i> , 2009, 103, 021802.	2.9	58
1084	Search for Maximal Flavor Violating Scalars in Same-Charge Lepton Pairs in 1.96 TeV Collisions. <i>Physical Review Letters</i> , 2009, 102, 041801.	2.9	22
1085	Production Charge Asymmetry in 1.96 TeV Collisions. <i>Physical Review Letters</i> , 2009, 103, 021802.	2.9	91
1086	Search for the neutral current top quark decay $t \rightarrow Z b$ using the ratio of R_{Zb} to R_{Wb} . <i>Physical Review Letters</i> , 2009, 102, 102003.	1.6	4
1087	Measurement of Resonance Parameters of Orbitally Excited Narrow B_c Mesons. <i>Physical Review Letters</i> , 2009, 102, 102003.	2.9	40
1088	Search for a Higgs Boson Decaying to Two W Bosons at CDF. <i>Physical Review Letters</i> , 2009, 102, 021802.	2.9	22
1089	Search for anomalous production of events with a photon, jet, b -quark jet, and missing transverse energy. <i>Physical Review D</i> , 2009, 80, .	1.6	4
1090	Search for Exclusive Z -Boson Production and Observation of High-Mass $pp \rightarrow Z \gamma \gamma \rightarrow \mu \mu \gamma \gamma$ Events in 1.96 TeV Collisions. <i>Physical Review Letters</i> , 2009, 102, 222002.	2.9	63
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1093	Measurement of cross sections for b jet production in events with a Z boson in 1.96 TeV collisions. <i>Physical Review D</i> , 2009, 79.	1.6	29
1094	Search for a Standard Model Higgs Boson in 1.96 TeV Collisions. <i>Physical Review Letters</i> , 2009, 103, 021802.	2.9	33
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1097	Top quark mass measurement in the lepton plus jets channel using a modified matrix element method. <i>Physical Review D</i> , 2009, 79, .	1.6	15
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1118	Global search for new physics with $Z \rightarrow \tau^+ \tau^-$ at CDF. Physical Review D, 2009, 79, .	1.6	53
1119	Measurement of the Z cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using dilepton events with a lepton plus track selection. Physical Review D, 2009, 79, .	1.6	12
1120	Search for standard model Higgs boson production in association with a Z boson using a neural network discriminant at CDF. Physical Review D, 2009, 80, .	1.6	6
1121	Measurement of the ratio of branching fractions $B(B \rightarrow \tau^+ \tau^-) / B(B \rightarrow K^+ \tau^-)$. Physical Review D, 2009, 79, .	1.6	3
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1123	Measurement of the top quark production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using the Z boson production cross section. Physical Review D, 2009, 79, .	1.6	13
1124	Top quark mass measurement in the Z boson production cross section using a matrix element technique in all hadronic channel. Physical Review D, 2009, 79, .	1.6	10
1125	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon tagged events. Physical Review D, 2009, 80, .	1.6	8
1126	Search for Z boson production in lepton plus jets events at CDF. Physical Review D, 2009, 79, .	1.6	2
1127	Measurement of particle production and inclusive differential cross sections in gluon-gluon fusion in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 79, .	1.6	12
1128	Measurement of the top quark mass at $p\bar{p}$ collisions using the Z boson production cross section. Physical Review D, 2009, 79, .	1.6	64
1129	First simultaneous measurement of the top quark mass in the lepton+jets and dilepton channels at CDF. Physical Review D, 2009, 79, .	1.6	25
1130	Measurement of the b-hadron production cross section using decays to D^0 final states in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 79, .	1.6	18
1131	Searching for the inclusive Z boson production cross section using the Z boson production cross section. Physical Review D, 2009, 79, .	1.6	5
1132	Search for hadronic decays of Z bosons in photon events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 79, .	1.6	0
1133	Measurement of the top quark mass at CDF using the Z boson production cross section. Physical Review D, 2009, 79, .	1.6	10
1134	Measurement of inclusive jet cross sections in $p\bar{p}$ collisions using the Z boson production cross section. Physical Review Letters, 2009, 93, .	1.6	10

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1138	Limits on the production of narrow t -resonances in $pp \rightarrow t \tilde{A}^0 + \text{jets}$ collisions. Physical Review D, 2008, 78, .	1.6	35
1139	First measurement of the fraction of top-quark pair production through gluon-gluon fusion. Physical Review D, 2008, 78, .	1.6	9
1140	Measurement of the cross section for W -boson production in association with jets in $pp \rightarrow W + \text{jets}$ collisions. Physical Review D, 2008, 78, .	1.6	76
1141	Search for heavy, long-lived neutralinos that decay to photons at CDF II using photon timing. Physical Review D, 2008, 78, .	1.6	15
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1143	Search for new heavy particles decaying to $Z\gamma$ in $pp \rightarrow Z\gamma + \text{jets}$ collisions. Physical Review D, 2008, 78, .	1.6	5
1144	Cross section measurements of high- p_T dilepton final-state processes using a global fitting method. Physical Review D, 2008, 78, .	1.6	8
1145	Model-independent and quasi-model-independent search for new physics at CDF. Physical Review D, 2008, 78, .	1.6	40
1146	First Measurement of W Boson Production in Association with a Single Charm Quark in $pp \rightarrow \tilde{A}^0$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 100, 091803.	2.9	35
1147	Measurement of the inclusive jet cross section at the Fermilab Tevatron $pp \rightarrow \tilde{A}^0 + \text{jets}$ collisions using a cone-based jet algorithm. Physical Review D, 2008, 78, .	1.6	149
1148	Search for $B_s \rightarrow \tau^+ \tau^-$ and $B \rightarrow \tau^+ \tau^-$ Decays with 2fb^{-1} of $pp \rightarrow \tilde{A}^0$ Collisions. Physical Review Letters, 2008, 100, 101802.	2.9	10
1149	Search for the Higgs Boson in Events with Missing Transverse Energy and b -Quark Jets Produced in $pp \rightarrow \tilde{A}^0 + \text{jets}$ Collisions. Physical Review Letters, 2008, 100, 101801.	2.9	17
1150	Search for Standard Model Higgs Bosons Produced in Association with W -Bosons. Physical Review Letters, 2008, 100, 041801.	2.9	13
1151	Search for \tilde{L} and b -Quark in $pp \rightarrow \tilde{L} + b + \text{jets}$ Collisions. Physical Review Letters, 2008, 100, 041801.	2.9	15
1152	Measurement of the Single-Top-Quark Production Cross Section at CDF. Physical Review Letters, 2008, 101, 252001.	2.9	45

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1154	Two-particle momentum correlations in jets produced in $\sqrt{s}=1.96$ TeV $p\bar{p}$ collisions at the Tevatron. Physical Review D, 2008, 77, .	1.6	9
1155	Measurement of correlated $b\bar{b}$ production in $\sqrt{s}=1.96$ TeV $p\bar{p}$ collisions at the Tevatron. Physical Review D, 2008, 77, .	1.6	23
1156	Forward-Backward Asymmetry in Top-Quark Production in $\sqrt{s}=1.96$ TeV $p\bar{p}$ Collisions at the Tevatron. Physical Review Letters, 2008, 100, 021803.	2.9	187
1157	Search for Supersymmetry in $\sqrt{s}=1.96$ TeV $p\bar{p}$ Collisions at the Tevatron. Physical Review Letters, 2008, 101, 251801.	1.6	30
1158	First Observation of the Decay $B_s \rightarrow D_s \mu^+ \mu^-$ and Measurement of Its Branching Ratio. Physical Review Letters, 2008, 100, 021803.	2.9	16
1159	Search for Standard Model Higgs Boson Production in Association with a Z Boson at CDF. Physical Review D, 2008, 78, .	2.9	56
1160	Strong Evidence for ZZ Production in $\sqrt{s}=1.96$ TeV $p\bar{p}$ Collisions at the Tevatron. Physical Review Letters, 2008, 100, 201801.	2.9	30
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1162	Search for the Higgs Boson Produced in Association with Z Bosons in $\sqrt{s}=1.96$ TeV $p\bar{p}$ Collisions at the Tevatron. Physical Review Letters, 2008, 101, 251803.	2.9	4
1163	Measurement of Lifetime and Decay-Width Difference in $B_s \rightarrow J/\psi \ell^+ \ell^-$ Decays. Physical Review Letters, 2008, 100, 121803.	2.9	39
1164	Search for Resonant $t\bar{t}$ Production in $\sqrt{s}=1.96$ TeV $p\bar{p}$ Collisions at the Tevatron. Physical Review Letters, 2008, 100, 082001.	2.9	41
1165	Observation of Orbitally Excited B_c Mesons. Physical Review Letters, 2008, 100, 082001.	2.9	80
1166	Search for Heavy Toplike Quarks Using Lepton Plus Jets Events in $\sqrt{s}=1.96$ TeV $p\bar{p}$ Collisions. Physical Review Letters, 2008, 100, 161803.	2.9	31
1167	Search for Doubly Charged Higgs Bosons with Lepton-Flavor-Violating Decays Involving $\tilde{\nu}_\tau$, Leptons. Physical Review Letters, 2008, 101, 121801.	2.9	45
1168	Search for the Flavor-Changing Neutral-Current Decay $B \rightarrow Z \mu^+ \mu^-$ in $\sqrt{s}=1.96$ TeV $p\bar{p}$ Collisions at the Tevatron. Physical Review Letters, 2008, 100, 121801.	2.9	60
1169	Evidence for $B \rightarrow D \mu^+ \mu^-$ Mixing in $\sqrt{s}=1.96$ TeV $p\bar{p}$ Collisions at the Tevatron. Physical Review Letters, 2008, 100, 121802.	2.9	100
1170	Observation of the Decay $B_c \rightarrow B \mu^+ \mu^-$ in $\sqrt{s}=1.96$ TeV $p\bar{p}$ Collisions at the Tevatron. Physical Review Letters, 2008, 100, 182002.	2.9	106

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1171	Search for Large Extra Dimensions in Final States Containing One Photon or Jet and Large Missing Transverse Energy Produced in $pp \rightarrow \gamma + \text{jet} + \cancel{E}_T$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 132002.	2.9	81
1172	First Flavor-Tagged Determination of Bounds on Mixing-Induced CP Violation in $B \rightarrow C P$ Decays. Physical Review Letters, 2007, 98, 132002.	2.9	179
1173	Measurement of the B Boson Width in $pp \rightarrow B \rightarrow \text{jet} + \cancel{E}_T$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 132002.	2.9	14
1174	Cross-Section-Constrained Top-Quark Mass Measurement from Dilepton Events at the Tevatron. Physical Review Letters, 2008, 100, 062005.	2.9	17
1175	Analysis of the Quantum Numbers JPC of the $X(3872)$ Particle. Physical Review Letters, 2007, 98, 132002.	2.9	193
1176	Measurement of the $pp \rightarrow t \bar{t} \gamma$ 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
1177	Search for Exclusive $\hat{1}^3\hat{1}^3$ Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 99, 242002.	2.9	59
1178	Measurement of the b Lifetime in $b \rightarrow c \ell \bar{\nu}_\ell$ Decays at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 122001.	2.9	24
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1180	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow D_s \gamma) / B(B \rightarrow D \gamma)$ and $B(B_s \rightarrow D_s \gamma) / B(B \rightarrow D \gamma)$. Physical Review Letters, 2007, 98, 061802.	2.9	107
1181	Measurement of the inclusive jet cross section using the k_T algorithm in $pp \rightarrow \text{jet} + \cancel{E}_T$ collisions at $\sqrt{s} = 1.96$ TeV with the CDF II detector. Physical Review D, 2007, 75, .	1.6	114
1182	Measurement of $f_1(p \rightarrow \pi^0 Z) / f_1(p \rightarrow \pi^0 \gamma)$ in $pp \rightarrow \text{jet} + \cancel{E}_T$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 75, .	1.6	24
1183	Search for Chargino-Neutralino Production in $pp \rightarrow \tilde{\chi}^0 \tilde{\chi}^0$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 99, 191806.	2.9	11
1184	Search for $V+A$ Current in Top-Quark Decays in $pp \rightarrow \text{jet} + \cancel{E}_T$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 072001.	2.9	22
1185	Inclusive Search for New Physics with Like-Sign Dilepton Events in $pp \rightarrow \text{jet} + \cancel{E}_T$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 221803.	2.9	41
1186	Observation of the Heavy Baryons Λ_b^0 and Σ_b^0 in $pp \rightarrow \text{jet} + \cancel{E}_T$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 99, 202001.	2.9	105
1187	Measurement of $f_1(p \rightarrow \pi^0) / f_1(p \rightarrow \pi^+ \pi^-)$ in $pp \rightarrow \text{jet} + \cancel{E}_T$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 122002.	2.9	23
1188	Search for Anomalous Production of Multilepton Events in $pp \rightarrow \text{jet} + \cancel{E}_T$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 131804.	2.9	15

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1189	Search for New Physics in High-Mass Electron-Positron Events in $pp\bar{A}$ Collisions Physical Review Letters, 2007, 99, 171802.	1.6	30
1190	Observation of Exclusive Electron-Positron Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 98, 112001.	2.9	69
1191	First Measurement of the W -Boson Mass in Run II of the Tevatron. Physical Review Letters, 2007, 99, 151801.	2.9	46
1193	Measurement of the Top-Quark Mass in All-Hadronic Decays in $pp\bar{A}$ Collisions at CDF II. Physical Review Letters, 2007, 98, 142001.	2.9	29
1194	Observation and Mass Measurement of the Baryon Λ_b^0 . Physical Review Letters, 2007, 99, 052002.	2.9	86
1195	Precise Measurement of the Top-Quark Mass in the Lepton+Jets Topology at CDF II. Physical Review Letters, 2007, 99, 182002.	2.9	26
1196	Search for Heavy Long-Lived Particles that Decay to Photons at CDF II. Physical Review Letters, 2007, 99, 121801.	2.9	22
1197	Observation of WZ Production. Physical Review Letters, 2007, 98, 161801.	2.9	36
1198	Search for High-Mass Diphoton States and Limits on Randall-Sundrum Gravitons at CDF. Physical Review Letters, 2007, 99, 171801.	2.9	19
1199	First Measurement of the Ratio of Central-Electron to Forward-Electron W Partial Cross Sections in $pp\bar{A}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 251801.	2.9	2
1200	Measurement of $\sigma(\bar{A} \rightarrow B) / \sigma(\bar{A} \rightarrow C)$ in $pp\bar{A}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 231801.	2.9	10
1201	Measurement of the B^+ production cross section in $pp\bar{A}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	1.6	45
1202	Precision measurement of the top-quark mass from dilepton events at CDF II. Physical Review D, 2007, 75, .	1.6	29
1203	Search for $W \rightarrow e\nu$ boson decaying to electron-neutrino pairs in $pp\bar{A}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	1.6	20
1204	Search for new physics in lepton+photon+ X events with $92.9 \leq p_T \leq 107$ GeV in $pp\bar{A}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	1.6	11
1205	Search for exotic $S \sim 2$ baryons in $pp\bar{A}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	1.6	7
1206	Measurement of the top quark mass in $pp\bar{A}$ collisions at $\sqrt{s}=1.96$ TeV using the decay length technique. Physical Review D, 2007, 75, .	1.6	13

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1208	Measurements of inclusive W and Z cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007, 34, 2457-2544. Limits on anomalous triple gauge couplings in $pp\bar{p}$ collisions	1.4	188
1209	$p\bar{p} \rightarrow W\gamma$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2007, 76.	1.6	18
1210	Searches for direct pair production of supersymmetric top and supersymmetric bottom quarks in $pp\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2007, 76, .	1.6	27
1211	Measurement of the top-quark mass using missing E_T + jet events with secondary vertex b -tagging at CDF II. <i>Physical Review D</i> , 2007, 75, .	1.6	7
1212	On-line tracking processors at hadron colliders: The SVT experience at CDF II and beyond. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 581, 473-475.	0.7	8
1213	The Silicon Vertex Trigger upgrade at CDF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 572, 361-364.	0.7	41
1214	Observation of $B_s^0 \rightarrow B_s^0$ oscillations. <i>Physical Review Letters</i> , 2006, 97, 242003.	2.9	311
1215	Search for Excited and Exotic Muons in the $\mu \rightarrow e\gamma$ Decay Channel in $pp\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2006, 97, 191802.	2.9	19
1216	Measurement of the helicity of W bosons in top-quark decays. <i>Physical Review D</i> , 2006, 73, .	1.6	21
1217	Measurement of the ratio of branching fractions $B(D^0 \rightarrow K^+ \ell^- \bar{\nu}_\ell) / B(D^0 \rightarrow K^+ \ell^- \nu_\ell)$ using the CDF II detector. <i>Physical Review D</i> , 2006, 74, .	1.6	13
1218	Search for second-generation scalar leptoquarks in $pp\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2006, 73, .	1.6	21
1219	Measurement of the top quark mass with the dynamical likelihood method using lepton plus jets events with b -tags in $pp\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2006, 73, .	1.6	22
1220	Measurement of the inclusive jet cross section in $pp\bar{p}$ interactions at $\sqrt{s} = 1.96$ TeV using a cone-based jet algorithm. <i>Physical Review D</i> , 2006, 74, .	1.6	44
1221	Search for New Physics in Lepton + Photon + X Events with $305 < \Delta E < 350$ GeV in $pp\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2006, 97, 031801.	2.9	7
1222	Measurement of the $t\bar{t}$ production cross section in $pp\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using lepton + jet events with jet probability b -tagging. <i>Physical Review D</i> , 2006, 74, .	1.6	72
1223	Measurement of the b -jet cross section in events with a Z boson in $pp\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2006, 74, .	1.6	20
1224	Measurement of the $t\bar{t}$ production cross section in $pp\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV in the all hadronic decay mode. <i>Physical Review D</i> , 2006, 74, .	1.6	14

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1225	Search for anomalous semileptonic decay of heavy flavor hadrons produced in association with aWboson at CDF II. Physical Review D, 2006, 73, .	1.6	3
1226	Measurement of mass and width of the excited charmed meson states D10 and D2*0 at CDF. Physical Review D, 2006, 73, .	1.6	17
1227	Top quark mass measurement using the template method in the lepton+jets channel at CDF II. Physical Review D, 2006, 73, .	1.6	124
1228	Determination of the jet energy scale at the Collider Detector at Fermilab. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 566, 375-412.	0.7	259
1229	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
1230	A search for $t \rightarrow t' + \tilde{L} + \tilde{q}$ production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 639, 172-178.	1.5	9
1231	The "Road Warrior" for the CDF online silicon vertex tracker. IEEE Transactions on Nuclear Science, 2006, 53, 648-652.	1.2	1
1232	Search for High-Mass Resonances Decaying to l^+l^- in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 211802.	2.9	31
1233	Evidence for the Exclusive Decay $B_c \rightarrow \tau^+ J/\psi$ and Measurement of the Mass of the B_c Meson. Physical Review Letters, 2006, 96, 082002.	2.9	76
1234	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
1235	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow D_s^- \tau^+ \nu_\tau) / B(B \rightarrow D^- \tau^+ \nu_\tau)$ and $B(B \rightarrow D^+ D_s^- \tau^+ \nu_\tau) / B(B \rightarrow D^+ D^- \tau^+ \nu_\tau)$. Physical Review Letters, 2006, 96, 191801.	2.9	15
1236	Measurement of the Inclusive Jet Cross Section Using the k_T Algorithm in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 122001.	2.9	49
1237	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
1238	Top-Quark Mass Measurement from Dilepton Events at CDF II. Physical Review Letters, 2006, 96, 152002.	2.9	25
1239	Measurement of the $t\bar{t}$ Production Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV Using Missing ET+jets Events with Secondary Vertex Tagging. Physical Review Letters, 2006, 96, 202002.	2.9	16
1240	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
1241	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
1242	Top quark mass measurement from dilepton events at CDF II with the matrix-element method. Physical Review D, 2006, 74, .	1.6	24

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1243	Measurement of the top quark mass using template methods on dilepton events in $pp\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 73, .	1.6	41
1244	Search for a Neutral Higgs Boson Decaying to a W Boson Pair in $pp\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 97, 081802.	2.9	19
1245	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
1246	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
1247	Measurement of the Dipion Mass Spectrum in $X(3872) \rightarrow J/\psi \pi^+ \pi^-$ Decays. Physical Review Letters, 2006, 96, 102002.	2.9	121
1248	Search for Higgs Bosons Decaying to $b\bar{b}$ and Produced in Association with W Bosons in $pp\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 081803.	2.9	9
1249	Search for $Z \rightarrow e^+ e^-$ Using Dielectron Mass and Angular Distribution. Physical Review Letters, 2006, 96, 211801.	2.9	69
1250	Search for Charged Higgs Bosons from Top Quark Decays in $pp\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 042003.	2.9	103
1251	Direct Search for Dirac Magnetic Monopoles in $pp\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 201801.	2.9	39
1252	Search for Scalar Bottom Quarks from Gluino Decays in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 171802.	2.9	11
1253	Observation of $B_s \rightarrow K^+ K^-$ and Measurements of Branching Fractions of Charmless Two-Body Decays of B^0 and B_s^0 Mesons in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 97, 211802.	2.9	56
1254	Measurement of the $B_s \rightarrow B_s^0$ Oscillation Frequency. Physical Review Letters, 2006, 97, 062003.	2.9	141
1255	Measurement of Bottom-Quark Hadron Masses in Exclusive J/ψ Decays with the CDF Detector. Physical Review Letters, 2006, 96, 202001.	2.9	82
1256	Search for Excited and Exotic Electrons in the $e^+ e^-$ Decay Channel in $pp\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 94, 101802.	2.9	30
1257	Measurement of the $t\bar{t}$ production cross section in $pp\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV using lepton+jets events with secondary vertex b-tagging. Physical Review D, 2005, 71, .	1.6	231
1258	Measurement of the cross section for $t\bar{t}$ production in $pp\bar{p}$ collisions using the kinematics of lepton+jets events. Physical Review D, 2005, 72, .	1.6	39
1259	Measurement of the $W^+ W^-$ Production Cross Section in $pp\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV using Dilepton Events. Physical Review Letters, 2005, 94, 211801.	2.9	25
1260	Measurement of $B(\tau^+ \rightarrow W^+ b) / B(\tau^+ \rightarrow W^+ q)$ at the Collider Detector at Fermilab. Physical Review Letters, 2005, 95, 102002.	2.9	42

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1262	Search for Anomalous Kinematics in $t\bar{t}$ Dilepton Events at CDF II. Physical Review Letters, 2005, 95, 022001.	2.9	10
1263	Measurement of the Lifetime Difference between B_s Mass Eigenstates. Physical Review Letters, 2005, 94, 101803.	2.9	53
1264	Search for New High-Mass Particles Decaying to Lepton Pairs in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2005, 95, 252001.	2.9	42
1265	Evidence for $B_s \rightarrow \tau^+ \tau^-$ Decay and Measurements of Branching Ratio and ACP for $B \rightarrow \tau^+ \tau^- K$. Physical Review Letters, 2005, 95, 031801.	2.9	33
1266	Search for $B_s \rightarrow \tau^+ \tau^-$ and $B_d \rightarrow \tau^+ \tau^-$ Decays in pp Collisions with CDF II. Physical Review Letters, 2005, 95, 022180536	2.9	36
1267	Search for Long-Lived Doubly Charged Higgs Bosons in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2005, 95, 071801.	2.9	28
1268	Measurement of the Cross Section for Prompt Diphoton Production in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2005, 95, 022003.	2.9	34
1269	Measurement of W^+Z and Z^0Z^0 Production in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2005, 94, 041803.	2.9	32
1270	Measurement of the forward-backward charge asymmetry from $W^+e^+e^-$ production in pp collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review D, 2005, 71, .	1.6	69
1271	Study of jet shapes in inclusive jet production in pp collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review D, 2005, 71, .	1.6	76
1272	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96\text{ TeV}$ using lepton plus jets events with semileptonic B decays to muons. Physical Review D, 2005, 72, .	1.6	34
1273	Search for scalar leptoquark pairs decaying to $t\bar{t}q\bar{q}$ in pp collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review D, 2005, 71, .	1.6	7
1274	Search for $b \rightarrow \tau^+ \pi^-$ and $b \rightarrow \tau^+ K^-$ decays in pp collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review D, 2005, 72, .	1.6	3
1275	Measurement of the J/ψ meson and b -hadron production cross sections in pp collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review D, 2005, 71, .	1.6	624
1276	Search for first-generation scalar leptoquarks in pp collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review D, 2005, 72, .	1.6	24
1277	Measurement of the moments of the hadronic invariant mass distribution in semileptonic B decays. Physical Review D, 2005, 71, .	1.6	31
1278	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96\text{ TeV}$ using kinematic fitting of b -tagged lepton+jet events. Physical Review D, 2005, 71, .	1.6	29

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1280	Search for anomalous production of diphoton events with missing transverse energy at CDF and limits on gauge-mediated supersymmetry-breaking models. Physical Review D, 2005, 71, .	1.6	23
1281	Search for electroweak single-top-quark production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	37