

# Arie Bodek

## List of Publications by Year in descending order

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Version: 2024-02-01

1,072  
papers

50,132  
citations

1980

101  
h-index

5519

163  
g-index

1083  
all docs

1083  
docs citations

1083  
times ranked

12037  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
2	Search for flavor-changing neutral current interactions of the top quark and the Higgs boson decaying to a bottom quark-antiquark pair at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	5
3	Search for long-lived particles decaying to leptons with large impact parameter in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 153.	1.4	14
4	Study of dijet events with large rapidity separation in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	1
5	High-precision measurement of the $W$ boson mass with the CDF II detector. Science, 2022, 376, 170-176.	6.0	336
6	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 290.	1.4	18
7	Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	13
8	Search for long-lived particles decaying into muon pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV collected with a dedicated high-rate data stream. Journal of High Energy Physics, 2022, 2022, .	1.6	5
9	Search for a right-handed $W$ boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	12
10	Search for a heavy resonance decaying into a top quark and a $W$ boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	2
11	Search for heavy resonances decaying to $ZZ$ or $ZW$ and axion-like particles mediating nonresonant $ZZ$ or $ZH$ production at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
12	Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	5
13	Search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	5
14	Measurement of the inclusive $\overline{t}t$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	2
15	Search for heavy resonances decaying to a pair of Lorentz-boosted Higgs bosons in final states with leptons and a bottom quark pair at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, .	1.6	2
16	Search for higgsinos decaying to two Higgs bosons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, .	1.6	4
17	Observation of $B^0 \rightarrow \psi(2S) K^0_{\text{short}}$ and $B^0 \rightarrow \psi(2S) K^0_{\text{long}}$ decays. European Physical Journal C, 2022, 82, .	1.4	1
18	Simultaneous Measurement of Proton and Lepton Kinematics in Quasielasticlike $p + p \rightarrow p + p + \text{lepton} + \text{neutrino} + \text{hydrocarbon}$ Interactions from 2 to 20 GeV. Physical Review Letters, 2022, 129, .	2.9	7

#	ARTICLE	IF	CITATIONS
19	Search for dark matter produced in association with a leptonically decaying $Z$ boson in proton-proton collisions at $\sqrt{s}=13$ , ext {TeV}. European Physical Journal C, 2021, 81, 13.	1.4	33
20	Search for top squark pair production using dilepton final states in $pp$ collision data collected at $\sqrt{s}=13$ , ext {TeV}. European Physical Journal C, 2021, 81, 3.	1.4	33
21	Measurements of $pp \rightarrow Z Z$ production cross sections and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13$ , ext {TeV}. European Physical Journal C, 2021, 81, 200.	1.4	24
22	Development and validation of HERWIG tunes from CMS underlying-event measurements. European Physical Journal C, 2021, 81, 312.	1.4	12
23	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at $\sqrt{s} = 13$ , ext {TeV}. European Physical Journal C, 2021, 81, 378.	1.4	40
24	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV}. European Physical Journal C, 2021, 81, 488.	1.4	35
25	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	27
26	MUSiC: a model-unspecific search for new physics in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV}. European Physical Journal C, 2021, 81, 629.	1.4	18
27	Use of neutrino scattering events with low hadronic recoil to inform neutrino flux and detector energy scale. Journal of Instrumentation, 2021, 16, P08068.	0.5	8
28	Search for a heavy vector resonance decaying to a $Z$ boson and a Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV}. European Physical Journal C, 2021, 81, 688.	1.4	9
29	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV}. European Physical Journal C, 2021, 81, 723.	1.4	19
30	Measurements of angular distance and momentum ratio distributions in three-jet and $Z$ + two-jet final states in $pp$ collisions. European Physical Journal C, 2021, 81, 852.	1.4	2
31	Precision luminosity measurement in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV} in 2015 and 2016 at CMS. European Physical Journal C, 2021, 81, 800.	1.4	123
32	Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV}. European Physical Journal C, 2021, 81, 970.	1.4	18
33	Constraining the NuMI neutrino flux using inverse muon decay reactions in MINERvA. Physical Review D, 2021, 104, .	1.6	7
34	Measurement of inclusive charged-current cross sections as a function of muon kinematics at $\sqrt{s} = 13$ , ext {TeV}. European Physical Journal C, 2021, 81, 800.	1.6	8
35	Measurement of the charge asymmetry of electrons from the decays of $W$ bosons produced in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2021, 104, .	1.6	1
36	Nucleon binding energy and transverse momentum imbalance in neutrino-nucleus reactions. Physical Review D, 2020, 101, .	1.6	27

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37	Double-differential inclusive charged-current $\hat{1}/2\hat{1}/4$ cross sections on hydrocarbon in MINERvA at $\hat{y}^{\sim}\hat{E}^{\sim}1/2\hat{a}^{\sim}1/43.5\hat{a}^{\sim}\% GeV. Physical Review D, 2020, 101, .$	1.6	15
38	A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution. Computing and Software for Big Science, 2020, 4, 10.	1.3	21
39	Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at $\hat{s}^{\sim} <i>s</i> = 13 TeV. Journal of Instrumentation, 2020, 15, P02027-P02027.$	0.5	27
40	Calibration of the CMS hadron calorimeters using proton-proton collision data at $\hat{s}^{\sim} = 13$ TeV. Journal of Instrumentation, 2020, 15, P05002-P05002.	0.5	3
41	Study of central exclusive "Equation missing" $<!-- No EquationSource Format="TEX", only image -->$ production in proton-proton collisions at $\sqrt{s} = 5.02$ and 13 TeV. European Physical Journal C, 2020, 80, 718.	1.4	7
42	Search for physics beyond the standard model in events with jets and two same-sign or at least three charged leptons in proton-proton collisions at $\sqrt{s}=13,\text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2020, 80, 752.	1.4	23
43	Performance of the CMS Level-1 trigger in proton-proton collisions at $\hat{s}^{\sim} <i>s</i> = 13 TeV. Journal of Instrumentation, 2020, 15, P10017-P10017.$	0.5	84
44	Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment. Journal of High Energy Physics, 2020, 2020, 1.	1.6	21
45	Measurement of top quark pair production in association with a Z boson in proton-proton collisions at $\sqrt{\text{mathrm}\{s\}} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	20
46	Search for direct pair production of supersymmetric partners to the $\tau_{-}^{\sim}$ lepton in proton-proton collisions at $\sqrt{s}=13,\text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2020, 80, 189.	1.4	22
47	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in $\text{mathrm}\{\text{PbPb}\}$ collisions at $\sqrt{\text{smash}[b]\{s_{-}\{\text{mathrm}\{\text{NN}\}\}}\}} = 2.76$ and 5.02,ext $\{\text{TeV}\}$ . European Physical Journal C, 2020, 80, 534.	1.4	14
48	Measurement of electroweak production of a $\text{mathrm}\{W\}$ boson in association with two jets in proton-proton collisions at $\sqrt{s}=13,\text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2020, 80, 43.	1.4	11
49	Evidence for $\text{ext}\{W\}\text{ext}\{W\}$ production from double-parton interactions in proton-proton collisions at $\sqrt{s} = 13 ,\text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2020, 80, 1.	1.4	10
50	Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at $\sqrt{s}=13,\text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2020, 80, 75.	1.4	78
51	Searches for physics beyond the standard model with the $M_{\text{mathrm}\{T\}}$ variable in hadronic final states with and without disappearing tracks in proton-proton collisions at $\sqrt{s}=13,\text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2020, 80, 3.	1.4	70
52	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. European Physical Journal C, 2020, 80, 4.	1.4	198
53	Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $\sqrt{\text{mathrm}\{s\}} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
54	A multi-dimensional search for new heavy resonances decaying to boosted $\text{ext}\{W\}\text{-}\{\}$ , $\text{ext}\{W\}\text{-}\{\}$ , $\text{ext}\{Z\}\text{-}\{\}$ , or $\text{ext}\{Z\}\text{-}\{\}$ boson pairs in the dijet final state at $13\text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2020, 80, 237.	1.4	31

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55	Measurement of single-diffractive dijet production in proton-proton collisions at $\sqrt{s} = 8, \text{ext}\{\text{TeV}\}$ with the CMS and TOTEM experiments. European Physical Journal C, 2020, 80, 1164.	1.4	5
56	Measurement of differential cross sections and charge ratios for t-channel single top quark production in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2020, 80, 370.	1.4	22
57	Measurement of normalised multi-differential cross sections in $pp$ collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ , and simultaneous determination of the strong coupling strength, top quark pole mass, and parton distribution functions. European Physical Journal C, 2020, 80, 1.	1.4	33
58	Comparison of optical potential for nucleons and $\Delta$ resonances. European Physical Journal C, 2020, 80, 1.	1.4	10
59	Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	17
60	Search for a heavy resonance decaying to a top quark and a vector-like top quark in the lepton + jets final state in pp collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2019, 79, 1.	1.4	9
61	Measurement of exclusive $\rho^0$ photoproduction in ultraperipheral pPb collisions at $\sqrt{s_{NN}} = 5.02, \text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2019, 79, 702.	1.4	33
62	Measurement of exclusive $\Upsilon$ photoproduction from protons in pPb collisions at $\sqrt{s_{NN}} = 5.02, \text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2019, 79, 277.	1.4	35
63	Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2019, 79, 564.	1.4	50
64	Measurements of Nonsinglet Moments of the Nucleon Structure Functions and Comparison to Predictions from Lattice QCD for $\langle \rho^0 \rangle$ . Physical Review Letters, 2019, 123, 022501.	2.9	1
65	Measurement of the top quark mass in the all-jets final state at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ and combination with the lepton+jets channel. European Physical Journal C, 2019, 79, 313.	1.4	40
66	Constraint of the MINER $\nu$ flux using neutrino-electron elastic scattering. Physical Review D, 2019, 100, .	1.6	43
67	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in $pp$ collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2019, 79, 773.	1.4	8
68	Tuning the genie pion production model with MINERvA data. Physical Review D, 2019, 100, .	1.6	23
69	Removal energies and final state interaction in lepton nucleus scattering. European Physical Journal C, 2019, 79, 1.	1.4	27
70	Search for resonant production of second-generation sleptons with same-sign dimuon events in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2019, 79, 305.	1.4	4
71	Neutron measurements from antineutrino hydrocarbon reactions. Physical Review D, 2019, 100, .	1.6	15
72	Measurement of quasielastic-like neutrino scattering at $E \approx 1.6$ on a hydrocarbon target. Physical Review D, 2019, 99, .	1.6	46

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73	Search for the pair production of light top squarks in the $e^{\pm} \hat{1}/4 \hat{a}^{\pm}$ final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
74	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s}=13$ , ext {TeV} ext {V} Te. European Physical Journal C, 2019, 79, 421.	1.4	355
75	Search for supersymmetry in events with a photon, jets, $\mathbf{b}$ -jets, and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ , ext {TeV} ext {V} Te. European Physical Journal C, 2019, 79, 444.	1.4	11
76	Measurements of the $pp \rightarrow WZ$ inclusive and differential production cross sections and constraints on charged anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
77	Measurement of the $\overline{t}t$ production cross section, the top quark mass, and the strong coupling constant using dilepton events in $pp$ collisions at. European Physical Journal C, 2019, 79, 368.	1.4	68
78	Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV} Te. European Physical Journal C, 2019, 79, 1.	1.4	12
79	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at $\sqrt{s}=13$ , ext {TeV} ext {V} Te. European Physical Journal C, 2019, 79, 280.	1.4	29
80	Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV} ext {V} Te. European Physical Journal C, 2019, 79, 364.	1.4	48
81	Search for single production of vector-like quarks decaying to a top quark and a $W$ boson in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV} Te. European Physical Journal C, 2019, 79, 90.	1.4	34
82	Study of the underlying event in top quark pair production in $pp$ collisions at $\sqrt{s}=13$ Te. European Physical Journal C, 2019, 79, 123.	1.4	11
83	Search for rare decays of $Z$ and Higgs bosons to $J/\psi$ and a photon in proton-proton collisions at $\sqrt{s}=13$ Te. European Physical Journal C, 2019, 79, 94.	1.4	20
84	Search for $\overline{t}t$ production in the $\overline{b}b$ decay channel with leptonic $\overline{t}t$ decays in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	28
85	Search for Higgs-like particles produced in association with bottom quarks in proton-antiproton collisions. Physical Review D, 2019, 99, .	1.6	0
86	Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a $W$ or $Z$ boson in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
87	Measurement of differential cross sections for inclusive isolated-photon and photon+jet production in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV} Te. European Physical Journal C, 2019, 79, 20.	1.4	18
88	Measurements of triple-differential cross sections for inclusive isolated-photon+jet events in $pp$ collisions at $\sqrt{s} = 8$ , ext {TeV} Te. European Physical Journal C, 2019, 79, 969.	1.4	6
89	$\overline{t}t \rightarrow \overline{b}b + \gamma$ production on hydrocarbon in the few-GeV region using MINERvA. Physical Review D, 2019, 100, .	1.6	14
90	Measurement of the differential Drell-Yan cross section in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	18

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91	Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at $\sqrt{s}=13$ , ext {TeV} TeV. European Physical Journal C, 2019, 79, 893.	1.4	12
92	Search for new physics in top quark production in dilepton final states in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV} TeV. European Physical Journal C, 2019, 79, 886.	1.4	16
93	Measurements of differential Z boson production cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	28
94	Measurement of total and differential cross sections of neutrino and antineutrino coherent production on carbon. Physical Review D, 2018, 97, .	1.6	21
95	Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at $\sqrt{s}=7$ TeV, ext {TeV} TeV. European Physical Journal C, 2018, 78, 242.	1.4	10
96	Pseudorapidity distributions of charged hadrons in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ and 8.16 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
97	Combined Forward-Backward Asymmetry Measurements in Top-Antitop Quark Production at the Tevatron. Physical Review Letters, 2018, 120, 042001.	2.9	13
98	Search for resonant and nonresonant Higgs boson pair production in the $b\bar{b}\ell\ell$ final state in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	36
99	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 291.	1.4	27
100	Measurements of the $pp \rightarrow ZZ$ production cross section and the $Z \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at. European Physical Journal C, 2018, 78, 165.	1.4	52
101	Measurement of associated Z + charm production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 287.	1.4	16
102	Measurement of the inclusive $t\bar{t}$ cross section in pp collisions at $\sqrt{s}=5.02$ TeV using final states with at least one charged lepton. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
103	Search for natural supersymmetry in events with top quark pairs and photons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	0
104	Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $s = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
105	Search for supersymmetry in events with at least three electrons or muons, jets, and missing transverse momentum in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
106	Combined search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	57
107	Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	63
108	Measurement of differential cross sections in the kinematic angular variable $\tilde{\chi}^*$ for inclusive Z boson production in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4

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109	Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at $\sqrt{s}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
110	Measurement of normalized differential $\overline{\sigma}(\mathbf{t})$ cross sections in the dilepton channel from pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	18
111	Constraints on the double-parton scattering cross section from same-sign W boson pair production in proton-proton collisions at $s = 8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
112	Search for ZZ resonances in the $2\gamma, 2\gamma^*/Z$ final state in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
113	Measurement of the muon antineutrino double-differential cross section for quasielastic-like scattering on hydrocarbon at $\sqrt{s}=3.5$ TeV. Physical Review D, 2018, 97, 11.	1.6	39
114	Search for $\overline{\sigma}(\mathbf{t})\mathbf{H}$ production in the all-jet final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
115	Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos and b quarks at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
116	Search for natural and split supersymmetry in proton-proton collisions at $\sqrt{s}=13$ TeV in final states with jets and missing transverse momentum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	43
117	Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
118	Measurement of the differential cross sections for $W$ -boson production in association with jets in $p$ -p collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	0
119	Measurement of the top quark mass with lepton+jets final states using $p$ -p collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 891.	1.4	34
120	Measurements of Higgs boson properties in the diphoton decay channel in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	57
121	Search for $Z\gamma^3$ resonances using leptonic and hadronic final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
122	Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	14
123	Search for third-generation scalar leptoquarks decaying to a top quark and a $\tau$ lepton at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 707.	1.4	46
124	Measurement of differential cross sections for $Z$ boson production in association with jets in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 965.	1.4	39
125	Studies of $B_s^0$ and $B_s^+$ decays into $B^0$ and $B^+$ mesons. Journal of High Energy Physics, 2018, 2018, 1.	1.4	14



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127	Measurement of charged particle spectra in minimum-bias events from proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 697.	1.4	17
128	Search for lepton-flavor violating decays of heavy resonances and quantum black holes to $e\gamma$ final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	9
129	Search for new physics in dijet angular distributions using proton-proton collisions at $\sqrt{s}=13$ TeV and constraints on dark matter and other models. European Physical Journal C, 2018, 78, 789.	1.4	40
130	Azimuthal correlations for inclusive 2-jet, 3-jet, and 4-jet events in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	9
131	Search for high-mass resonances in final states with a lepton and missing transverse momentum at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	25
132	Measurement of the underlying event activity in inclusive Z boson production in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
133	Measurement of the $\sigma(\text{Z}/\gamma \rightarrow \text{e}^+\text{e}^-)$ cross section in pp collisions at $\sqrt{s}=13$ TeV and validation of $\sigma(\text{Z}/\gamma \rightarrow \text{e}^+\text{e}^-)$ . European Physical Journal C, 2018, 78, 708.	1.4	10
134	Search for dark matter produced in association with a Higgs boson decaying to $\tau\tau$ or $\tau\mu$ , $\tau\nu$ at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
135	Search for a heavy resonance decaying to a pair of vector bosons in the lepton plus merged jet final state at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
136	Search for a heavy resonance decaying into a Z boson and a vector boson in the $u\bar{u}q\bar{q}$ final state. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
137	Measurement of the weak mixing angle using the forward-backward asymmetry of Drell-Yan events in $p\bar{p}$ collisions at 8 TeV. European Physical Journal C, 2018, 78, 701.	1.4	58
138	Measurement of prompt and nonprompt charmonium suppression in $\text{PbPb}$ collisions at 5.02 TeV. European Physical Journal C, 2018, 78, 509.	1.4	83
139	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying $t$ , leptons at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	38
140	Electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	17
141	Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
142	Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
143	Measurement of the inelastic proton-proton cross section at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	62
144	Search for high-mass resonances in dilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	86

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146	Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	42
147	Jet properties in PbPb and pp collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	13
148	Measurement of Final-State Correlations in Neutrino Muon-Proton Mesonless Production on Hydrocarbon at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , 2018, 121, 022504.	2.9	52
149	Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>European Physical Journal C</i> , 2018, 78, 140.	1.4	44
150	Measurement of b hadron lifetimes in pp collisions at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , 2018, 78, 457.	1.4	15
151	Antineutrino Charged-Current Reactions on Hydrocarbon with Low Momentum Transfer. <i>Physical Review Letters</i> , 2018, 120, 221805.	2.9	23
152	Measurements of the $(p \rightarrow Z)$ production cross section and the $(\rightarrow 4\ell)$ branching fraction, and constraints on anomalous triple gauge couplings at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.		3
153	Measurement of b hadron lifetimes in pp collisions at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , 2018, 78, 1.		1
154	Measurements of the $t\bar{t}$ production cross section in lepton+jets final states in pp collisions at 8 TeV and ratio of 8 to 7 TeV cross sections. <i>European Physical Journal C</i> , 2017, 77, 15.	1.4	34
155	Measurement of the $t\bar{t}$ production cross section using events in the $e\mu$ final state in pp collisions at $\sqrt{s}=13$ TeV. <i>European Physical Journal C</i> , 2017, 77, 172.	1.4	40
156	Measurement and QCD analysis of double-differential inclusive jet cross sections in pp collisions at $\sqrt{s}=8$ TeV and cross section ratios to 2.76 and 7 TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	54
157	Search for electroweak production of charginos in final states with two $\tilde{l}$ , leptons in pp collisions at $\sqrt{s}=8$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	11
158	Measurement of the production cross section of a $W$ boson in association with two b jets in pp collisions at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , 2017, 77, 92.	1.4	16
159	Measurement of the WZ production cross section in pp collisions at $\sqrt{s}=7$ and 8 TeV and search for anomalous triple gauge couplings at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , 2017, 77, 236.	1.4	37
160	Measurement of prompt and nonprompt $J/\psi$ production in pp and pPb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. <i>European Physical Journal C</i> , 2017, 77, 269.	1.4	53
161	A search for new phenomena in pp collisions at $\sqrt{s}=13$ TeV in final states with missing transverse momentum and at least one jet using the $\alpha_T$ variable. <i>European Physical Journal C</i> , 2017, 77, 294.	1.4	29
162	Observation of the Y (4140) structure in the $J/\psi$ mass spectrum in $B \rightarrow J/\psi K^{\pm}$ decays. <i>Modern Physics Letters A</i> , 2017, 32, 1750139.	0.5	57

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164	Measurement of double-differential cross sections for top quark pair production in pp collisions at $\sqrt{s}=8$ TeV and impact on parton distribution functions. European Physical Journal C, 2017, 77, 459.	1.4	52
165	Measurement of the jet mass in highly boosted $\overline{\text{t}}\text{t}$ events from pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2017, 77, 467.	1.4	23
166	Direct Measurement of Nuclear Dependence of Charged Current Quasielasticlike Neutrino Interactions Using MINERvA. Physical Review Letters, 2017, 119, 082001.	2.9	31
167	Charged-particle nuclear modification factors in PbPb and pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	103
168	Search for $\text{t}\overline{\text{t}}\text{ resonances in highly boosted lepton+jets and fully hadronic final states in proton-proton collisions at } \sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
169	Search for associated production of dark matter with a Higgs boson decaying to $\text{b}\overline{\text{b}}$ or $\hat{\nu}^3$ at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
170	Observation of $\Upsilon(1S)$ pair production in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	48
171	Search for anomalous $Wtb$ couplings and flavour-changing neutral currents in t-channel single top quark production in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	35
172	Search for single production of vector-like quarks decaying to a Z boson and a top or a bottom quark in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13
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175	Search for new phenomena with the $M_{T2}$ variable in the all-hadronic final state produced in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2017, 77, 710.	1.4	98
176	Measurement of $\hat{\nu}^3$ charged-current single $\hat{\nu}^3$ production on hydrocarbon in the few-GeV region using MINERvA. Physical Review D, 2017, 96, .	1.6	29
177	Measurements of differential production cross sections for a Z boson in association with jets in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
178	Search for heavy resonances decaying to tau lepton pairs in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	23
179	Search for electroweak production of a vector-like quark decaying to a top quark and a Higgs boson using boosted topologies in fully hadronic final states. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
180	Measurement of Neutral-Current $K^+$ Production by Neutrinos using MINERvA. Physical Review Letters, 2017, 119, 011802.	2.9	6

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183	Searches for pair production of third-generation squarks in $\sqrt{s}=13$ TeV pp collisions. European Physical Journal C, 2017, 77, 327.	1.4	32
184	Measurement of the top quark mass using single top quark events in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2017, 77, 354.	1.4	23
185	Searches for invisible decays of the Higgs boson in pp collisions at $\sqrt{s}=7, 8, \text{ and } 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	95
186	Search for massive resonances decaying into WW, WZ or ZZ bosons in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
187	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2017, 77, 845.	1.4	38
188	Measurement of electroweak-induced production of $W\bar{t}^3$ with two jets in pp collisions at $\sqrt{s}=8$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2017, 2017, 1.	1.6	17
189	Measurement of the antineutrino to neutrino charged-current interaction cross section ratio in MINERvA. Physical Review D, 2017, 95, .	1.6	15
190	Searches for $W\bar{t}^2$ bosons decaying to a top quark and a bottom quark in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	8
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192	Search for direct production of supersymmetric partners of the top quark in the all-jets final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
193	Search for electroweak production of charginos and neutralinos in WH events in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
194	Search for pair production of vector-like T and B quarks in single-lepton final states using boosted jet substructure in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	27
195	Measurement of the inclusive-isolated prompt-photon cross section in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mover accent="true" } \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false" } \rangle \hat{\Lambda}^- \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ collisions using the full CDF data set. Physical Review D, 2017, 96, .	1.6	1
196	Search for top squark pair production in pp collisions at $\sqrt{s}=13$ TeV using single lepton events. Journal of High Energy Physics, 2017, 2017, 1.	1.6	31
197	Search for top quark decays via Higgs-boson-mediated flavor-changing neutral currents in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
198	Measurement of the $t\bar{t}\bar{t}$ production cross section using events with one lepton and at least one jet in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15

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200	Measurement of the $D^+$ -meson production cross section at low transverse momentum in $pp \rightarrow D^+$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2017, 95, .	1.6	1
201	Search for physics beyond the standard model in events with two leptons of same sign, missing transverse momentum, and jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 578.	1.4	57
202	Search for top quark partners with charge $5/3$ in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
203	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	29
204	Measurements of jet charge with dijet events in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	17
205	Search for associated production of a Z boson with a single top quark and for $tZ$ flavour-changing interactions in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	21
206	Search for new physics with dijet angular distributions in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
207	Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	62
208	Search for third-generation scalar leptoquarks and heavy right-handed neutrinos in final states with two tau leptons and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	41
209	Search for new phenomena with multiple charged leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 1.	1.4	2
210	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 636.	1.4	38
211	Search for high-mass $Z\tilde{\nu}$ resonances in $e^+e^- \rightarrow \tilde{\nu}\tilde{\nu}^*$ and $\tilde{\nu}\tilde{\nu}^* + \tilde{\nu}\tilde{\nu}^*$ final states in proton-proton collisions at $\sqrt{s} = 8$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	7
212	Search for heavy neutrinos or third-generation leptoquarks in final states with two hadronically decaying $\tilde{l}$ , leptons and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
213	Search for CP violation in $t\bar{t} \rightarrow t\bar{t} + \gamma$ production and decay in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	4
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219	Measurement of the transverse momentum spectrum of the Higgs boson produced in pp collisions at $\sqrt{s}=8$ TeV using H $\rightarrow$ WW decays. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
220	Search for dark matter and unparticles in events with a Z boson and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	23
221	Decomposing transverse momentum balance contributions for quenched jets in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
222	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2016, 76, 451.	1.4	55
223	Measurement of the $W^+W^-$ cross section in pp collisions at $\sqrt{s} = 8$ TeV and limits on anomalous gauge couplings. European Physical Journal C, 2016, 76, 401.	1.4	74
224	Search for heavy resonances decaying to two Higgs bosons in final states containing four b quarks. European Physical Journal C, 2016, 76, 371.	1.4	33
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227	Search for lepton flavour violating decays of heavy resonances and quantum black holes to an $e\mu$ pair in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 317.	1.4	16
228	Measurement of electroweak production of a W boson and two forward jets in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	5
229	Measurement of transverse momentum relative to dijet systems in PbPb and pp collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	31
230	Search for anomalous single top quark production in association with a photon in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	27
231	Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	7
232	Cross sections for $\pi^0$ and $\eta$ induced pion production on hydrocarbon in the few-GeV region using MINERvA. Physical Review D, 2016, 94, .	1.6	50
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236	Search for new physics in same-sign dilepton events in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2016, 76, 439.	1.4	64
237	Evidence for Neutral-Current Diffractive Production from Hydrogen in Neutrino Interactions on Hydrocarbon. Physical Review Letters, 2016, 117, 111801.	2.9	17
238	Measurement of the $B_c^\pm$ production cross section in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2016, 93, .	1.6	8
239	Measurement of partonic nuclear effects in deep-inelastic neutrino scattering using MINERvA. Physical Review D, 2016, 93, .	1.6	33
240	Measurement of the forward-backward asymmetry in low-mass bottom-quark pairs produced in proton-antiproton collisions. Physical Review D, 2016, 93, .	1.6	1
241	Measurement of the forward-backward asymmetry of top-quark and antiquark pairs using the full CDF Run II data set. Physical Review D, 2016, 93, .	1.6	6
242	Search for a low-mass neutral Higgs boson with suppressed couplings to fermions using events with multiphoton final states. Physical Review D, 2016, 93, .	1.6	2
243	Measurement of $\sin^2\theta_{13}$ using $e^+e^- \rightarrow \mu^+\mu^- \nu\bar{\nu}$ events with $\mu^+\mu^-$ pairs produced in proton-antiproton collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2016, 93, .	1.6	14
244	Measurement of $K^+$ production in charged-current $\nu N$ interactions. Physical Review D, 2016, 94, .	1.6	14
245	Identification of Nuclear Effects in Neutrino-Carbon Interactions at Low Three-Momentum Transfer. Physical Review Letters, 2016, 116, 071802.	2.9	91
246	Measurement of the single top quark production cross section and $ V_{tb} $ in $1.96$ TeV pp collisions with missing transverse energy and jets and final CDF combination. Physical Review D, 2016, 93, .	1.6	3
247	Measurement of vector boson plus $D^*(2010)$ meson production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2016, 93, .	1.6	4
248	Measurement of neutrino flux from neutrino-electron elastic scattering. Physical Review D, 2016, 93, .	1.6	49
249	Measurement of Electron Neutrino Quasielastic and Quasielastic-like Scattering on Hydrocarbon at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2016, 116, 081802.	2.9	35
250	Measurement of dijet azimuthal decorrelation in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 536.	1.4	16
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253	Measurement of the $W$ and $WZ$ production cross section using final states with a charged lepton and heavy-flavor jets in the full CDF Run II data set. <i>Physical Review D</i> , 2016, 94, .	1.6	4
254	Measurement of inclusive jet production and nuclear modifications in pPb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02, \mathrm{TeV}$ . <i>European Physical Journal C</i> , 2016, 76, 372.	1.4	29
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256	Measurement of the $t \bar{t}$ production cross section in the $e\bar{\nu}_e$ channel in proton-proton collisions at $s = 7 \sqrt{s}=7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	41
257	Search for new physics with the $M_{T2}$ variable in all-jets final states produced in pp collisions at $s = 13 \sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	17
258	Search for dark matter in proton-proton collisions at 8 TeV with missing transverse momentum and vector boson tagged jets. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	13
259	Evidence for exclusive $\hat{t}\bar{t} W + W \hat{t}\bar{t}$ production and constraints on anomalous quartic gauge couplings in pp collisions at $s = 7 \sqrt{s}=7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	42
260	Search for supersymmetry in pp collisions at $s = 13 \sqrt{s}=13$ TeV in the single-lepton final state using the sum of masses of large-radius jets. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	14
261	Search for direct pair production of supersymmetric top quarks decaying to all-hadronic final states in pp collisions at $\sqrt{s} = 8, \mathrm{TeV}$ . <i>European Physical Journal C</i> , 2016, 76, 460.	1.4	18
262	Azimuthal decorrelation of jets widely separated in rapidity in pp collisions at $s = 7 \sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	20
263	Phenomenological MSSM interpretation of CMS searches in pp collisions at $s = 7 \sqrt{s}=7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	12
264	Measurement of the mass of the top quark in decays with a $J/\psi$ meson in pp collisions at 8 TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	6
265	Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s} = 2.76, \mathrm{TeV}$ . <i>European Physical Journal C</i> , 2016, 76, 1.	1.4	26
266	Measurement of $t \bar{t}$ production with additional jet activity, including $b$ quark jets, in the dilepton decay channel using pp collisions at $\sqrt{s} = 8, \mathrm{TeV}$ . <i>European Physical Journal C</i> , 2016, 76, 379.	1.4	34
267	Measurement of the differential cross section and charge asymmetry for inclusive $p \bar{p} \rightarrow W^{\pm} + X$ production at $\sqrt{s} = 8 \mathrm{TeV}$ . <i>European Physical Journal C</i> , 2016, 76, 469.	1.4	83
268	Observation of top quark pairs produced in association with a vector boson in pp collisions at $s = 8 \sqrt{s}=8$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	23
269	Search for $W \rightarrow tb$ in proton-proton collisions at $s = 8 \sqrt{s}=8$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	3
270	Correlations between jets and charged particles in PbPb and pp collisions at $s_{\mathrm{NN}} = 2.76 \mathrm{TeV}$ . <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	29



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272	Search for excited leptons in proton-proton collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	16
273	Measurement of the $\overline{t}t\overline{t}$ production cross section in the all-jets final state in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ . European Physical Journal C, 2016, 76, 128.	1.4	41
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277	Search for a massive resonance decaying into a Higgs boson and a W or Z boson in hadronic final states in proton-proton collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	16
278	Measurement of top quark polarisation in t-channel single top quark production. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
279	Search for heavy Majorana neutrinos in $e^+e^-$ jets and $e^+e^- \rightarrow \nu\overline{\nu}$ jets events in proton-proton collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	35
280	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into $\tau\tau$ , leptons in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	19
281	Measurement of differential cross sections for Higgs boson production in the diphoton decay channel in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ . European Physical Journal C, 2016, 76, 13.	1.4	62
282	Search for new physics in final states with two opposite-sign, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
283	Measurement of muon plus proton final states in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ . European Physical Journal C, 2016, 76, 128.	1.5	42
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285	Measurement of the top-quark mass in $t\overline{t}$ dilepton channel using the full CDF Run II data set. Physical Review D, 2015, 92, .	1.6	5
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295	Search for a charged Higgs boson in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	81
296	Search for supersymmetry in the vector-boson fusion topology in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	12
297	Search for a light charged Higgs boson decaying to $c\bar{c}$ in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1-37.	1.6	44
298	Search for vector-like T quarks decaying to top quarks and Higgs bosons in the all-hadronic channel using jet substructure. Journal of High Energy Physics, 2015, 2015, 1.	1.6	24
299	Search for neutral color-octet weak-triplet scalar particles in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	1
300	Search for a Higgs boson in the mass range from 145 to 1000 GeV decaying to a pair of W or Z bosons. Journal of High Energy Physics, 2015, 2015, 1.	1.6	92
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302	Precise determination of the mass of the Higgs boson and tests of compatibility of its couplings with the standard model predictions using proton collisions at 7 and 8 TeV. European Physical Journal C, 2015, 75, 212.	1.4	541
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317	Measurements of differential and double-differential Drell-Yan cross sections in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 147.	1.4	88
318	Search for decays of stopped long-lived particles produced in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 151.	1.4	44
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323	Search for physics beyond the standard model in dilepton mass spectra in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	78
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329	Distributions of topological observables in inclusive three- and four-jet events in $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 302.	1.4	6
330	Constraints on the pMSSM, AMSB model and on other models from the search for long-lived charged particles in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 325.	1.4	43
331	Measurement of Coherent Production of $\nu\bar{\nu}$ Neutrino and Antineutrino Beams on Carbon from $E^{1/2}$ of 1.5 to 20 GeV. Physical Review Letters, 2014, 113, 261802.	2.9	67
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333	Measurement of the top-quark mass in the all-hadronic channel using the full CDF data set. Physical Review D, 2014, 90, .	1.6	8
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341	Measurement of prompt $J/\psi$ pair production in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	61
342	Mass and lifetime measurements of bottom and charm baryons in $pp$ collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2014, 74, 3036.	1.6	24

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344	Invariant-mass distribution of jet pairs produced in association with a $W$ boson in $pp$ collisions at the Tevatron. Physical Review D, 2014, 89, .	1.6	7
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346	Search for new physics in trilepton events and limits on the associated chargino-neutralino production at CDF. Physical Review D, 2014, 90, .	1.6	2
347	Measurement of the Inclusive Leptonic Asymmetry in Top-Quark Pairs that Decay to Two Charged Leptons at CDF. Physical Review Letters, 2014, 113, 042001.	2.9	38
348	Study of top quark production and decays involving a tau lepton at CDF and limits on a charged Higgs boson contribution. Physical Review D, 2014, 89, .	1.6	10
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364	Studies of azimuthal dihadron correlations in ultra-central PbPb collisions at $\sqrt{\{s_{NN}\}}$ = 2.76 TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	77
365	Measurement of associated W + charm production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	55
366	Search for new physics in events with same-sign dileptons and jets in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	48
367	Design, calibration, and performance of the MINERvA detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 743, 130-159.	0.7	139
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371	Measurement of jet multiplicity distributions in $\overline{t}t$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 3014.	1.4	16
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375	Evidence for the 125 GeV Higgs boson decaying to a pair of $\tilde{l},$ leptons. Journal of High Energy Physics, 2014, 2014, 1.	1.6	123
376	Search for $W\hat{\epsilon}^2 \hat{\alpha}^t tb$ decays in the lepton + jets final state in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26
377	Measurement of the triple-differential cross section for photon + jets production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	31
378	Search for new physics in the multijet and missing transverse momentum final state in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	100

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380	Measurement of the production cross sections for a Z boson and one or more b jets in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
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386	Probing color coherence effects in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2901.	1.4	17
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393	Measurement of the $\Lambda_{b^0}$ lifetime in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	17
394	Searches for long-lived charged particles in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	118
395	Study of exclusive two-photon production of $W+W\gamma$ in pp collisions at $\sqrt{s} = 7$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2013, 2013, 1.	1.6	75
396	Observation of a new boson with mass near 125 GeV in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	320

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399	Measurement of the $\overline{\text{t}}\text{t}$ production cross section in the all-jet final state in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	16
400	Measurement of the $\chi(3872)$ production cross section via decays to $J/\psi + \bar{\psi}\psi$ in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	73
401	Study of the underlying event at forward rapidity in pp collisions at $\sqrt{s}=0.9, 2.76, 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
402	Search for new physics in events with photons, jets, and missing transverse energy in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	15
403	Search for new physics in events with same-sign dileptons and b jets in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	33
404	Search in leptonic channels for heavy resonances decaying to long-lived neutral particles. Journal of High Energy Physics, 2013, 2013, 1.	1.6	32
405	Search for exotic resonances decaying into WZ/ZZ in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	20
406	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
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408	Search for a standard-model-like Higgs boson with a mass in the range 145 to 1000 GeV at the LHC. European Physical Journal C, 2013, 73, 2469.	1.4	68
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411	Higgs boson studies at the Tevatron. Physical Review D, 2013, 88, .	1.6	98
412	Indirect measurement of $\sin^2 2\beta$ using $e^+e^-$ pairs in the Z-boson region with pp collisions at a center-of-momentum energy of 1.96 TeV. Physical Review D, 2013, 88, .	1.6	15
413	Measurement of the production cross section for $Z\gamma$ or $\overline{u}\gamma$ in pp collisions at $\sqrt{s}=7$ TeV and limits on $ZZ^3$ and $Z^3$ triple gauge boson couplings. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
414	Measurement of the W-boson helicity in top-quark decays from $\overline{\text{t}}\text{t}$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	30



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416	Measurement of the hadronic activity in events with a Z and two jets and extraction of the cross section for the electroweak production of a Z with two jets in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	16
417	Measurement of masses in the $\overline{\text{t}}\text{t}$ system by kinematic endpoints in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . European Physical Journal C, 2013, 73, 2494.	1.4	55
418	Search for physics beyond the standard model in events with $\bar{l}, l$ , leptons, jets, and large transverse momentum imbalance in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . European Physical Journal C, 2013, 73, 2493.	1.4	22
419	Measurement of the $\text{t}\bar{\text{t}}$ production cross section in the $\bar{l}, l$ +jets channel in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . European Physical Journal C, 2013, 73, 1.	1.4	24
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434	Combination of searches for the Higgs boson using the full CDF data set. Physical Review D, 2013, 88, .	1.6	17
435	Measurement of the mass difference between top and antitop quarks. Physical Review D, 2013, 87, .	1.6	10
436	Search for Supersymmetry with Like-Sign Lepton-Tau Events at CDF. Physical Review Letters, 2013, 110, 201802.	2.9	4
437	Searches for the Higgs boson decaying to $W+W\tilde{\nu}\tilde{\nu}^*$ , $\tilde{\nu}\tilde{\nu}^*$ , $\tilde{\nu}\tilde{\nu}^*Z$ with the CDF II detector. Physical Review D, 2013, 88, .	1.6	6
438	Observation of $D^0 \rightarrow \tilde{\nu}\tilde{\nu}^*$ Mixing Using the CDF II Detector. Physical Review Letters, 2013, 111, 231802.	2.9	26
439	Updated search for the standard model Higgs boson in events with jets and missing transverse energy using the full CDF data set. Physical Review D, 2013, 87, .	1.6	13
440	Measurement of the top-quark pair-production cross section in events with two leptons and bottom-quark jets using the full CDF data set. Physical Review D, 2013, 88, .	1.6	11
441	Combination of CDF and D0 $W$ -Boson mass measurements. Physical Review D, 2013, 88, .	1.6	66
442	Search for a dijet resonance in events with jets and missing transverse energy in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2013, 88, .	1.6	2
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447	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
448	Measurement of the $B_c$ meson lifetime in the decay $B_c \rightarrow \tau^+\nu_\tau$ . Physical Review Letters, 2013, 111, 031802.	1.6	17
449	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
450	Measurement of the Differential Cross Section $d\sigma/d\cos\theta$ for $pp \rightarrow \tau^+\tau^-$ at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 111, 031802.	2.9	26

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451	Evidence for a bottom baryon resonance $\Lambda_b^0$ in CDF data. Physical Review D, 2013, 88, .	1.6	34
452	Search for $B_s \rightarrow B \tau^+ \nu_\tau$ decays in $pp$ collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2013, 87, .	1.6	19
453	Observation of the Production of a $Z$ Boson in Association with a Single Charm Quark. Physical Review Letters, 2013, 110, 071801.	1.6	32
454	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. Physical Review D, 2013, 87, .	1.6	122
455	Charge using jet-charge tagging in single-lepton $pp$ collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2013, 87, .	1.6	18
456	Observation of the Production of a $Z$ Boson in Association with a Single Charm Quark. Physical Review Letters, 2013, 110, 071801.	2.9	24
457	Direct Measurement of the Total Decay Width of the Top Quark. Physical Review Letters, 2013, 111, 202001.	2.9	33
458	Search for the production of $Z$ and $W$ boson pairs decaying into charged leptons and jets in $pp$ collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2013, 87, .	1.6	4
459	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
460	Search for a Two-Higgs-Boson Doublet Using a Simplified Model in $pp$ Collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2013, 87, .	2.9	5
461	Measurement of $R=B(\tau^+W_b)/B(\tau^+W_q)$ in top-quark-pair decays using lepton+jet events and the full CDF Run II dataset. Physical Review D, 2013, 87, .	1.6	15
462	Search for new physics in events with same-sign dileptons and $b$ jets in $pp$ collisions at $(\sqrt{s}=8)$ TeV. , 2013, 2013, 1.		2
463	Measurements of the Angular Distributions of Muons from $Z$ Decays in $pp$ Collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2013, 87, .	2.9	46
464	Search for a Higgs Boson in the Diphoton Final State in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 011801.	2.9	7
465	Search for $Z$ boson resonances in the $pp \rightarrow e^+e^-$ pairs in the $pp$ collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2013, 87, .	1.6	46
466	Observation of Exclusive $\tau^+\tau^-$ Production in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 081801.	2.9	30
467	Combination of the top-quark mass measurements from the Tevatron collider. Physical Review D, 2012, 86, .	1.6	109
468	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

#	ARTICLE	IF	CITATIONS
469	Search for the Standard Model Higgs Boson Decaying to $ab\bar{A}$ Pair in Events with Two Oppositely Charged Leptons Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111803.	2.9	25
470	Measurement of $\langle Z \rangle$ Production in Leptonic Final States at $\sqrt{s}$ of 1.96 TeV at CDF. Physical Review Letters, 2012, 108, 101801.	2.9	21
471	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
472	Production of $\Lambda^0$ , $\Lambda^{\pm}$ , and $\Sigma^{\pm}$ hyperons in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, .	1.6	3
473	Search for a Low-Mass Standard Model Higgs Boson in the $bb\bar{A}$ Decay Channel in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 181804.	2.9	13
474	Diffractive dijet production in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 109, 152003.	1.6	18
475	Precision Top-Quark Mass Measurement at CDF. Physical Review Letters, 2012, 109, 152003.	2.9	39
476	Measurements of the Top-Quark Mass and the $t\bar{t}$ Cross Section in the Hadronic $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 109, 152003.	2.9	12
477	Search for Dark Matter in Events with One Jet and Missing Transverse Energy in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 211804.	1.6	5
478	Search for Dark Matter in Events with One Jet and Missing Transverse Energy in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 211804.	2.9	73
479	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
480	Search for standard model Higgs boson production in association with a $W$ boson using a matrix element technique at CDF in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	1.6	9
481	Search for anomalous production of multiple leptons in association with $W$ and $Z$ bosons at CDF. Physical Review D, 2012, 85, .	1.6	5
482	Combination of CDF and D0 measurements of the $W$ boson helicity in top quark decays. Physical Review D, 2012, 85, .	1.6	36
483	Search for heavy metastable particles decaying to jet pairs in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	1.6	15
484	Search for a Heavy Particle Decaying to a Top Quark and a Light Quark in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 211805.	2.9	14
485	Measurement of the Difference in CP-Violating Asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays at CDF. Physical Review Letters, 2012, 109, 111801.	2.9	88
486	Measurement of the Bottom-Strange Meson Mixing Phase in the Full CDF Data Set. Physical Review Letters, 2012, 109, 171802.	2.9	62

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487	Novel inclusive search for the Higgs boson in the four-lepton final state at CDF. Physical Review D, 2012, 86, .	1.6	7
488	Measurements of the Angular Distributions in the Decays $B \rightarrow K K^* \ell \ell$ . Physical Review Letters, 2012, 108, 081807.	2.9	108
489	Search for the standard model Higgs boson produced in association with a $W \pm$ boson with 7.5 fb <sup>-1</sup> integrated luminosity at CDF. Physical Review D, 2012, 86, .	1.6	8
490	Search for the Standard Model Higgs Boson Decaying to $bb\bar{b}\bar{b}$ 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
491	Search for a Dark Matter Candidate Produced in Association with a Single Top Quark in $pp \rightarrow t\bar{t}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 201802.	2.9	19
492	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
493	Combined Search for the Standard Model Higgs Boson Decaying to $b\bar{b}$ and $Z\tau\tau$ Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111807.	2.9	28
494	Measurement of the $WZ$ cross section and triple gauge couplings in $pp \rightarrow p\bar{p}Z$ collisions at the Tevatron. Physical Review Letters, 2012, 108, 201801.	1.6	28
495	Measurement of $B_s \rightarrow D_s^* D_s^* \bar{D}_s^* D_s^*$ Branching Ratios. Physical Review Letters, 2012, 108, 201801.	2.9	18
496	Measurement of CP-violation asymmetries in $D^0 \rightarrow K_S^0 \pi^+ \pi^-$ . Physical Review D, 2012, 86, .	1.6	13
497	Search for the Standard Model Higgs Boson Produced in Association with Top Quarks Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 181802.	2.9	15
498	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. Physical Review D, 2012, 86, .	1.6	17
499	Evidence for the Charmless Annihilation Decay Mode $B \rightarrow s\bar{s} B^* \bar{B}^*$ . Physical Review Letters, 2012, 108, 211803.	2.9	38
500	DEMONSTRATION OF COMMUNICATION USING NEUTRINOS. Modern Physics Letters A, 2012, 27, 1250077.	0.5	37
501	Inclusive b-jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	39
502	Search for quark compositeness in dijet angular distributions from pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	18
503	Suppression of non-prompt $J/\psi$ , prompt $J/\psi$ , and $\Upsilon(1S)$ in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	200
504	Search for heavy bottom-like quarks in 4.9 fb <sup>-1</sup> of pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	45

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505	Measurement of the cross section for production of $\overline{b} X$ decaying to muons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	6
506	Measurement of the $Z/\gamma^* \rightarrow b$ -jet cross section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	39
507	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	31
508	Search for anomalous production of multilepton events in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	68
509	Search for a light charged Higgs boson in top quark decays in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	117
510	Search for leptonic decays of $W \rightarrow e\gamma$ bosons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	49
511	Search for stopped long-lived particles produced in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	17
512	Search for new physics in events with same-sign dileptons and b-tagged jets in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	30
513	Measurement of the underlying event activity in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the novel jet-area/median approach. Journal of High Energy Physics, 2012, 2012, 1.	1.6	13
514	Search for anomalous $\overline{t} t$ production in the highly-boosted all-hadronic final state. Journal of High Energy Physics, 2012, 2012, 1.	1.6	58
515	Search for dark matter and large extra dimensions in monojet events in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	168
516	Search for a fermiophobic Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	15
517	Search for supersymmetry in hadronic final states using $M_{T2}$ in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	95
518	Measurement of jet fragmentation into charged particles in pp and PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	85
519	Search for scalar top quark production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	16
520	Measurement of the $\overline{t} t$ production cross section in the dilepton channel in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	69
521	Search for exclusive or semi-exclusive $\gamma^* \rightarrow e^+e^-$ production and observation of exclusive and semi-exclusive $e^+e^-$ production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	51
522	Search for the standard model Higgs boson produced in association with W and Z bosons in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	7

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523	Search for electroweak production of charginos and neutralinos using leptonic final states in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	41
524	Search for new physics with long-lived particles decaying to photons and missing energy in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	11
525	Search for resonant $\overline{\text{t}}\text{t}$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26
526	Observation of Z decays to four leptons with the CMS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	34
527	Measurement of the single-top-quark t-channel cross section in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	83
528	Search for third-generation leptoquarks and scalar bottom quarks in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	14
529	Measurement of the top-quark mass in $\overline{\text{t}}\text{t}$ events with lepton+jets final states in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	38
530	Measurement of the branching fraction $B(\text{b} \rightarrow \text{c} + \overline{\text{t}}\text{t})$ at CDF. Physical Review D, 2012, 85, .	1.6	6
531	Search for $\overline{\text{t}}\text{t}$ production with missing transverse energy	1.6	6
532	Search for standard model Higgs boson production in association with a W boson at CDF. Physical Review D, 2012, 85, .	1.6	3
533	Measurement of CP-violating asymmetries in $\text{D}^0 \rightarrow \text{K}^+ \text{K}^-$ decays at CDF. Physical Review D, 2012, 85, .	1.6	65
534	Search for new phenomena in events with two Z bosons and missing transverse momentum in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	1.6	4
535	Search for Higgs bosons produced in association with b quarks. Physical Review D, 2012, 85, .	1.6	28
536	Measurement of the CP-violating phase $\arg(\text{C} \cdot \text{P})$	1.6	34
537	Measurement of the masses and widths of the bottom baryons $\Lambda_b^\pm$ and $\Sigma_b^{\pm}$ . Physical Review D, 2012, 85, .	1.6	22
538	Search for high-mass resonances decaying into ZZ in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	1.6	13
539	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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542	Measurement of the underlying event in the Drellâ€“Yan process in protonâ€“proton collisions at $\sqrt{s} = 7\text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	1.4	33
543	Study of the inclusive production of charged pions, kaons, and protons in pp collisions at $\sqrt{s} = 0.9, 2.76, \text{ and } 7\text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	1.4	154
544	A search for a doubly-charged Higgs boson in pp collisions at $\sqrt{s} = 7\text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	1.4	129
545	Extracting muon momentum scale corrections for hadron collider experiments. European Physical Journal C, 2012, 72, 1.	1.4	38
546	Measurement of the top-quark mass in $\overline{\text{t}}\text{t}$ events with dilepton final states in pp collisions at $\sqrt{s} = 7\text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	1.4	42
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560	An additional study of multi-muon events produced in $\sqrt{s} = 7$ TeV collisions. Physics Letters, Section B, 2012, 72, 1.	1.5	0
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562	Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	181
563	Jet production rates in association with W and Z bosons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	58
564	Exclusive $\hat{p} \hat{p}' \hat{1}/4 + \hat{1}/4 \hat{a}^{\sim}$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	56
565	Measurement of the production cross section for pairs of isolated photons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26
566	Measurements of the properties of $\Lambda_c(2595)$ , $\Lambda_c(2625)$ , $\Lambda_c(2455)$ , and $\Lambda_c(2520)$ baryons. Physical Review D, 2011, 84, .	1.6	47
567	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. Physical Review D, 2011, 83, .	1.6	16
568	Measurement of branching ratio and $B \rightarrow s \gamma$ in the decay $B \rightarrow s \gamma$ . Physical Review D, 2011, 84, .	1.6	51
569	Top quark mass measurement using the template method at CDF. Physical Review D, 2011, 83, .	1.6	24
570	Measurement of $t \bar{t}$ spin correlation in $pp \rightarrow t \bar{t} + X$ collisions using the CDF II detector. Physical Review D, 2011, 84, .	1.6	45
571	Search for $\Lambda_c$ production in $pp \rightarrow \Lambda_c + X$ collisions using the CDF II detector. Physical Review Letters, 2011, 107, 101801.	2.9	74
572	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
573	Search for the Higgs boson in the all-hadronic final state using the CDF II detector. Physical Review D, 2011, 84, .	1.6	4
574	Search for resonant production of $t \bar{t}$ pairs in $pp \rightarrow t \bar{t} + X$ collisions using the CDF II detector. Physical Review D, 2011, 84, .	1.6	17
575	Measurement of event shapes in $pp \rightarrow t \bar{t}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 83, .	1.6	13
576	Measurement of $t \bar{t}$ production cross section with an in situ calibration of b-jet identification efficiency. Physical Review D, 2011, 83, .	1.6	5

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578	The T2K experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 106-135.	0.7	585
579	Prompt and non-prompt $J/\psi$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	135
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582	Neutrino quasielastic scattering on nuclear targets. European Physical Journal C, 2011, 71, 1.	1.4	100
583	Charged particle multiplicities in pp interactions at $\sqrt{s} = 0.9, 2.36,$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	106
584	Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	122
585	Search for heavy stable charged particles in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	38
586	Inclusive b-hadron production cross section with muons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	23
587	Measurement of $\overline{B}B$ angular correlations based on secondary vertex reconstruction at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	32
588	Measurement of the lepton charge asymmetry in inclusive W production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	59
589	Measurement of Bose-Einstein correlations in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	30
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592	Search for resonances in the dilepton mass distribution in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	39
593	Search for physics beyond the standard model in opposite-sign dilepton events in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	26
594	Search for new physics with same-sign isolated dilepton events with jets and missing transverse energy at the LHC. Journal of High Energy Physics, 2011, 2011, 1.	1.6	46

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596	Measurement of the $t\bar{t}$ production cross section and the top quark mass in the dilepton channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	53
597	Long-range and short-range dihadron angular correlations in central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	65
598	Search for light resonances decaying into pairs of muons as a signal of new physics. Journal of High Energy Physics, 2011, 2011, 1.	1.6	13
599	Search for supersymmetry in events with b jets and missing transverse momentum at the LHC. Journal of High Energy Physics, 2011, 2011, 1.	1.6	29
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601	Charged particle transverse momentum spectra in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	56
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603	Dependence on pseudorapidity and on centrality of charged hadron production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	99
604	Search for new physics with jets and missing transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	49
605	Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in events with a single lepton, jets, and missing transverse momentum. Journal of High Energy Physics, 2011, 2011, 1.	1.6	32
606	Measurement of the underlying event activity at the LHC with $\sqrt{s} = 7$ TeV and comparison with $\sqrt{s} = 0.9$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	97
607	Measurement of the Drell-Yan cross section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	36
608	Measurement of the inclusive W and Z production cross sections in pp collisions at $\sqrt{s} = 7$ TeV with the CMS experiment. Journal of High Energy Physics, 2011, 2011, 1.	1.6	158
609	Measurement of energy flow at large pseudorapidities in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	25
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611	Measurement of the Forward-Backward Asymmetry in the $B^0 \rightarrow K^* \ell^+ \ell^-$ Decay and First Observation of the $B_s^0 \rightarrow \tau^+ \tau^-$ Decay. Physical Review Letters, 2011, 106, 161801.	2.9	45
612	Search for a Heavy Toplike Quark in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	2.9	32

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613	Invariant Mass Distribution of Jet Pairs Produced in Association with a $W$ Boson in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 106, 171801.	2.9	108
614	Measurement of the $B^0$ lifetime using a simulation free approach for trigger bias correction. Physical Review D, 2011, 83, .	1.6	8
615	Search for Heavy Bottomlike Quarks Decaying to an Electron or Muon and Jets in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 106, 141403.	1.6	24
616	Search for New Heavy Particles Decaying to $Z\gamma$ or $Z\tau$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 106, 141403.	2.9	54
617	Search for New Heavy Particles Decaying to $Z\tau$ or $Z\gamma$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	2.9	31
618	Search for New Heavy Particles Decaying to $Z\tau$ or $Z\gamma$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	2.9	24
619	Search for new heavy particles decaying to $Z\tau$ or $Z\gamma$ in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 83, .	1.6	7
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622	Measurement of the $B_s^0$ Lifetime in Fully and Partially Reconstructed $B_s^0 \rightarrow D_s^{\pm} \ell^{\mp} X$ Decays in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 272001.	1.6	6
623	Measurement of the $B_s^0$ Lifetime in Fully and Partially Reconstructed $B_s^0 \rightarrow D_s^{\pm} \ell^{\mp} X$ Decays in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 272001.	2.9	13
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625	Search for Production of Heavy Particles Decaying to Top Quarks and Invisible Particles in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	2.9	7
626	Measurement of Polarization and Search for CP Violation in $B_s^0 \rightarrow \tau^+ \tau^-$ Decays. Physical Review Letters, 2011, 107, 261802.	2.9	32
627	Search for Production of Heavy Particles Decaying to Top Quarks and Invisible Particles in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	2.9	26
628	Search for Production of Heavy Particles Decaying to Top Quarks and Invisible Particles in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	2.9	25
629	Search for Production of Heavy Particles Decaying to Top Quarks and Invisible Particles in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	2.9	48
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633	Search for a Very Light CP-Even Higgs Boson in Top Quark Decays from pp collisions at the LHC. Physical Review Letters, 2011, 107, 201802.	2.9	121
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636	Measurements of branching fraction ratios and CP-asymmetries in suppressed $B^0 \rightarrow \mu^+ \mu^-$ decays. Physical Review D, 2011, 84, .	1.6	16
637	Search for New Dielectron Resonances and Randall-Sundrum Gravitons at the Collider Detector at Fermilab. Physical Review Letters, 2011, 107, 051801.	2.9	20
638	Top-Quark Mass Measurement Using Events with Missing Transverse Energy and Jets at CDF. Physical Review Letters, 2011, 107, 232002.	2.9	7
639	Measurements of Direct CP-Violating Asymmetries in Charmless Decays of Strange Bottom Mesons and Bottom Baryons. Physical Review Letters, 2011, 106, 181802.	2.9	50
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642	Search for New Physics in High $p_T$ Like-Sign Dilepton Events at CDF II. Physical Review Letters, 2011, 107, 181801.	2.9	22
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671	Search for New Bottomlike Quark Pair Decays $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle Q \langle \text{mml:mover} \text{accent="true"} \rangle \langle \text{mml:mi} \rangle Q \langle \text{mml:mo} \rangle \hat{\Lambda} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mo} \rangle \hat{\Lambda}^{\dagger} \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle$		

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691	Search for High-Mass Resonances Decaying to Dimuons at CDF. Physical Review Letters, 2009, 102, 091805.	2.9	87
692	First Observation of $B \rightarrow s \gamma$ Collisions. Physical Review Letters, 2009, 103, 191802.	2.9	44
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695	Search for Higgs Bosons Predicted in Two-Higgs-Doublet Models via Decays to Tau Lepton Pairs in $1.96$ TeV Collisions. Physical Review Letters, 2009, 103, 201801.	2.9	43
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699	Direct Measurement of the Production Charge Asymmetry in pp Collisions. Physical Review Letters, 2009, 103, 201801.	2.9	91
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702	Search for a Higgs Boson Decaying to Two W Bosons at CDF. Physical Review Letters, 2009, 102, 021802.	2.9	22





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723	First measurement of the ratio of branching fractions $B_c/B_s$		

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743	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon channel using a matrix element technique in $p\bar{p} \rightarrow t\bar{t} + \text{hadronic}$ collisions. Physical Review D, 2009, 79, .	1.6	64
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768	Search for the Higgs Boson in Events with Missing Transverse Energy and $W$ Bosons Produced in Association with $W$ Bosons. Physical Review Letters, 2008, 100, 041801.	2.9	13
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781	Search for standard model Higgs boson production in association with a $W$ boson at CDF. Physical Review D, 2008, 78, .	1.6	10
782	Search for the Higgs Boson Produced in Association with $Z\gamma, W\gamma, W\gamma$ in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 251803.	2.9	4
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784	Search for Resonant $t\bar{t}$ Production in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 082001.	2.9	41
785	Observation of Orbitally Excited $B$ Mesons. Physical Review Letters, 2008, 100, 082001.	2.9	80
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789	Evidence for $B \rightarrow D\gamma$ Mixing-Induced $B \rightarrow D\gamma$ Decays. Physical Review Letters, 2008, 100, 121802.	2.9	100
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800	Measurement of the $b$ Lifetime in $b\bar{b}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 122001.	2.9	24
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802	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
803	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. Physical Review D, 2007, 75, .	1.6	114
804	Measurement of $f_1(\rho \rightarrow Z) B(Z \rightarrow \ell, \bar{\ell})$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 75, .	1.6	24
805	Search for Chargino-Neutralino Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 99, 191806.	2.9	11
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808	Observation of the Heavy Baryons $\Lambda_b$ and $\Lambda_b^0$ in $b\bar{b}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 99, 202001.	2.9	105
809	Measurement of the Nucleon Strange-Antistrange Asymmetry at Next-to-Leading Order in QCD from NuTeV Dimuon Data. Physical Review Letters, 2007, 99, 192001.	2.9	104
810	Measurement of $f_1(\rho \rightarrow Z) B(Z \rightarrow \ell, \bar{\ell}) / f_1(\rho \rightarrow Z) B(Z \rightarrow \ell, \bar{\ell})$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 122002.	2.9	23

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812	Search for new particles leading to $Z$ jets final states in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 171802.	1.6	30
813	Observation of Exclusive Electron-Positron Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 99, 171802.	2.9	69
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819	Search for Heavy Long-Lived Particles that Decay to Photons at CDF II. Physical Review Letters, 2007, 99, 121801.	2.9	22
820	Observation of $WZ$ Production. Physical Review Letters, 2007, 98, 161801.	2.9	36
821	Search for High-Mass Diphoton States and Limits on Randall-Sundrum Gravitons at CDF. Physical Review Letters, 2007, 99, 171801.	2.9	19
822	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, 98, 251801.	2.9	2
823	Measurement of $\sigma(\bar{p}p \rightarrow B^+ \bar{B}^0) / \sigma(\bar{p}p \rightarrow B^0 \bar{B}^+)$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 251801.	2.9	10
824	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
825	Precision measurement of the top-quark mass from dilepton events at CDF II. Physical Review D, 2007, 75, .	1.6	29
826	Search for $W \rightarrow e\nu$ decaying to electron-neutrino pairs in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	1.6	20
827	Search for new physics in lepton+photon+ $X$ events with $929 < \sigma < 10$ fb in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	1.6	11
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832	Searches for anomalous triple gauge couplings in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 76, .	1.6	18
833	Searches for direct pair production of supersymmetric top and supersymmetric bottom quarks in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 76, .	1.6	27
834	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
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838	Measurement of the helicity of $W$ bosons in top-quark decays. Physical Review D, 2006, 73, .	1.6	21
839	Measurement of the ratio of branching fractions $B(D_0^+ \rightarrow K^+ \bar{l} \nu) / B(D_0^+ \rightarrow K^+ l \nu)$ using the CDF II detector. Physical Review D, 2006, 74, .	1.6	13
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841	Search for second-generation scalar leptoquarks in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 73, .	1.6	21
842	Precise measurement of neutrino and antineutrino differential cross sections. Physical Review D, 2006, 74, .	1.6	136
843	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
844	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
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849	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
850	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
851	Top quark mass measurement using the template method in the lepton+jets channel at CDF II. Physical Review D, 2006, 73, .	1.6	124
852	A search for $t\bar{t}$ production in $t\bar{t}q$ final states in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 022004.	1.5	9
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854	A Unified Model for inelastic e - N and $\nu$ - N cross sections at all Q <sup>2</sup> . AIP Conference Proceedings, 2006, , .	0.3	0
855	Search for High-Mass Resonances Decaying to $e^+e^-$ in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 211802.	2.9	31
856	Evidence for the Exclusive Decay $B_c \rightarrow \tau^+ \nu_\tau$ and Measurement of the Mass of the $B_c$ Meson. Physical Review Letters, 2006, 96, 082002.	2.9	76
857	Precision Top-Quark Mass Measurement in the Lepton+Jets Topology in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 022004.	2.9	31
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859	Measurement of the Inclusive Jet Cross Section Using the k <sub>T</sub> Algorithm in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 122001.	2.9	49
860	Search for Neutral Higgs Bosons of the Minimal Supersymmetric Standard Model Decaying to $\tau^+\tau^-$ Pairs in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 011802.	2.9	63
861	Top-Quark Mass Measurement from Dilepton Events at CDF II. Physical Review Letters, 2006, 96, 152002.	2.9	25
862	Measurement of the $t\bar{t}$ -Production Cross Section in pp 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
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864	Search for Large Extra Dimensions in the Production of Jets and Missing Transverse Energy in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 97, 171802.	2.9	43

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867	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
868	Measurement of the $B_c^+$ Meson Lifetime Using the Decay Mode $B_c^+ \rightarrow J/\psi e^+ \nu_e$ . Physical Review Letters, 2006, 97, 012002.	2.9	73
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870	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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872	Search for $Z \rightarrow e^+ e^-$ Using Dielectron Mass and Angular Distribution. Physical Review Letters, 2006, 96, 211801.	2.9	69
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874	Direct Search for Dirac Magnetic Monopoles in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 201801.	2.9	39
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876	Observation of $B_s^0 \rightarrow K^+ K^-$ and Measurements of Branching Fractions of Charmless Two-Body Decays of $B^0$ and $B_s^0$ Mesons in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 97, 211802.	2.9	56
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889	Measurement of the Lifetime Difference between $B_s$ Mass Eigenstates. Physical Review Letters, 2005, 94, 101803.	2.9	53
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892	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
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903	Measurements of bottom-antibottom azimuthal production correlations in proton-antiproton collisions at $s=1.8 \text{ TeV}$ . Physical Review D, 2005, 71, .	1.6	27
904	Measurement of the $t\bar{t}$ production cross section in $pp^{\bar{A}}$ collisions at $s=1.96 \text{ TeV}$ using lepton plus jets events with semileptonic $B$ decays to muons. Physical Review D, 2005, 72, .	1.6	34
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925	Inclusive Double-Pomeron Exchange at the Fermilab Tevatron $p\bar{p}$ Collider. Physical Review Letters, 2004, 93, 141601.	2.9	12
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934	Search for Long-Lived Charged Massive Particles in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2003, 90, 131801.	2.9	49
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966	Measurement of $d\Gamma/dM$ and Forward-Backward Charge Asymmetry for High-Mass Drell-Yane $e\bar{e}$ -Pairs from $pp\bar{A}$ Collisions at $s=1.8\text{ TeV}$ . Physical Review Letters, 2001, 87, 131802.	2.9	27
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