

# Andrew G Ivanov

## List of Publications by Year in descending order

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Version: 2024-02-01

1,051  
papers

59,455  
citations

1536

106  
h-index

2629

194  
g-index

1058  
all docs

1058  
docs citations

1058  
times ranked

13764  
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.	4.7	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.	4.7	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.	3.9	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.	4.7	1
5	High-precision measurement of the $W$ boson mass with the CDF II detector. Science, 2022, 376, 170-176.	12.6	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.	3.9	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.	4.7	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, .	4.7	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.	4.7	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.	4.7	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.	4.7	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.	4.7	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.	4.7	5
14	Measurement of the inclusive $\overline{\text{t}}\text{t}$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	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, .	4.7	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, .	4.7	4
17	Observation of $B^0 \rightarrow \text{supersymmetry}(2S)K^0_{\text{up}} + \text{up}^+$ and $B^0_{\text{up}} \rightarrow \text{supersymmetry}(2S)K^0_{\text{up}} + \text{up}^+$ decays. European Physical Journal C, 2022, 82, .	3.9	1
18	Search for dark matter produced in association with a leptonically decaying $Z$ boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 13.	3.9	33

#	ARTICLE	IF	CITATIONS
19	Search for top squark pair production using dilepton final states in $pp$ collision data collected at $\sqrt{s}=13, \text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2021, 81, 3.	3.9	33
20	Measurements of $pp \rightarrow ZZ$ production cross sections and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2021, 81, 200.	3.9	24
21	Development and validation of HERWIG <sup>7</sup> tunes from CMS underlying-event measurements. European Physical Journal C, 2021, 81, 312.	3.9	12
22	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2021, 81, 378.	3.9	40
23	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2021, 81, 488.	3.9	35
24	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $\sqrt{s} = 13 \text{ TeV}$ . Journal of High Energy Physics, 2021, 2021, 1.	4.7	27
25	MUSIC: a model-unspecific search for new physics in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2021, 81, 629.	3.9	18
26	Search for a heavy vector resonance decaying to a $Z$ boson and a Higgs boson in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2021, 81, 688.	3.9	9
27	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2021, 81, 723.	3.9	19
28	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.	3.9	2
29	Precision luminosity measurement in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ in 2015 and 2016 at CMS. European Physical Journal C, 2021, 81, 800.	3.9	123
30	Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ . European Physical Journal C, 2021, 81, 970.	3.9	18
31	Measurement of the charge asymmetry of electrons from the decays of $W$ bosons produced in $pp$ collisions at $s=1.96 \text{ TeV}$ . Physical Review D, 2021, 104, .	4.7	1
32	A Deep Neural Network for Simultaneous Estimation of $b$ Jet Energy and Resolution. Computing and Software for Big Science, 2020, 4, 10.	2.9	21
33	Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$ . Journal of Instrumentation, 2020, 15, P02027-P02027.	1.2	27
34	Calibration of the CMS hadron calorimeters using proton-proton collision data at $\sqrt{s} = 13 \text{ TeV}$ . Journal of Instrumentation, 2020, 15, P05002-P05002.	1.2	3
35	Study of central exclusive "Equation missing" production in proton-proton collisions at $\sqrt{s} = 5.02$ and $13 \text{ TeV}$ . European Physical Journal C, 2020, 80, 718.	3.9	7
36	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.	3.9	23

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37	Performance of the CMS Level-1 trigger in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of Instrumentation, 2020, 15, P10017-P10017.	1.2	84
38	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.	4.7	21
39	Measurement of top quark pair production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	20
40	Search for direct pair production of supersymmetric partners to the $\tau$ lepton in proton-proton collisions at $\sqrt{s}=13$ , ext {TeV}. European Physical Journal C, 2020, 80, 189.	3.9	22
41	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in $\sqrt{s_{NN}} = 2.76$ and 5.02, ext {TeV}. European Physical Journal C, 2020, 80, 534.	3.9	14
42	Measurement of electroweak production of a $W$ boson in association with two jets in proton-proton collisions at $\sqrt{s}=13$ , ext {TeV}. European Physical Journal C, 2020, 80, 43.	3.9	11
43	Evidence for $W$ production from double-parton interactions in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV}. European Physical Journal C, 2020, 80, 1.	3.9	10
44	Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at $\sqrt{s}=13$ , ext {TeV}. European Physical Journal C, 2020, 80, 75.	3.9	78
45	Searches for physics beyond the standard model with the $M_{T2}$ variable in hadronic final states with and without disappearing tracks in proton-proton collisions at $\sqrt{s}=13$ , ext {TeV}. European Physical Journal C, 2020, 80, 3.	3.9	70
46	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. European Physical Journal C, 2020, 80, 4.	3.9	198
47	Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
48	A multi-dimensional search for new heavy resonances decaying to boosted $W$ , $Z$ , or $Z$ boson pairs in the dijet final state at $\sqrt{s}=13$ , ext {TeV}. European Physical Journal C, 2020, 80, 237.	3.9	31
49	Measurement of single-diffractive dijet production in proton-proton collisions at $\sqrt{s} = 8$ , ext {TeV}. European Physical Journal C, 2020, 80, 1164.	3.9	5
50	Measurement of differential cross sections and charge ratios for t-channel single top quark production in proton-proton collisions at $\sqrt{s}=13$ , ext {TeV}. European Physical Journal C, 2020, 80, 370.	3.9	22
51	Measurement of normalised multi-differential cross sections in $pp$ collisions at $\sqrt{s}=13$ , ext {TeV}, and simultaneous determination of the strong coupling strength, top quark pole mass, and parton distribution functions. European Physical Journal C, 2020, 80, 1.	3.9	33
52	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.	4.7	17
53	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 $\sqrt{s} = 13$ , ext {TeV}. European Physical Journal C, 2019, 79, 1.	3.9	9
54	Measurement of exclusive $\rho^0$ photoproduction in ultraperipheral pPb collisions at $\sqrt{s_{NN}} = 5.02$ , ext {TeV}. European Physical Journal C, 2019, 79, 702.	3.9	33

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55	Measurement of exclusive $\Upsilon$ photoproduction from protons in $p$ - $Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ , $\text{TeV}$ . European Physical Journal C, 2019, 79, 277.	3.9	35
56	Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at $\sqrt{s} = 13$ , $\text{TeV}$ . European Physical Journal C, 2019, 79, 564.	3.9	50
57	Measurement of the top quark mass in the all-jets final state at $\sqrt{s} = 13$ , $\text{TeV}$ and combination with the lepton+jets channel. European Physical Journal C, 2019, 79, 313.	3.9	40
58	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in $pp$ collisions at $\sqrt{s} = 13$ , $\text{TeV}$ . European Physical Journal C, 2019, 79, 773.	3.9	8
59	Search for resonant production of second-generation sleptons with same-sign dimuon events in proton-proton collisions at $\sqrt{s} = 13$ , $\text{TeV}$ . European Physical Journal C, 2019, 79, 305.	3.9	4
60	Search for the pair production of light top squarks in the $e^+e^-$ final state in proton-proton collisions at $\sqrt{s} = 13$ $\text{TeV}$ . Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
61	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s} = 13$ , $\text{TeV}$ . European Physical Journal C, 2019, 79, 421.	3.9	355
62	Search for supersymmetry in events with a photon, jets, $b$ -jets, and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ , $\text{TeV}$ . European Physical Journal C, 2019, 79, 444.	3.9	11
63	Measurements of the $pp \rightarrow WZ$ inclusive and differential production cross sections and constraints on charged anomalous triple gauge couplings at $\sqrt{s} = 13$ $\text{TeV}$ . Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
64	Measurement of the $t\bar{t}$ production cross section, the top quark mass, and the strong coupling constant using dilepton events in $pp$ collisions at $\sqrt{s} = 13$ , $\text{TeV}$ . European Physical Journal C, 2019, 79, 368.	3.9	68
65	Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at $\sqrt{s} = 13$ , $\text{TeV}$ . European Physical Journal C, 2019, 79, 1.	3.9	12
66	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at $\sqrt{s} = 13$ , $\text{TeV}$ . European Physical Journal C, 2019, 79, 280.	3.9	29
67	Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at $\sqrt{s} = 13$ , $\text{TeV}$ . European Physical Journal C, 2019, 79, 364.	3.9	48
68	Search for single production of vector-like quarks decaying to a top quark and a $W$ boson in proton-proton collisions at $\sqrt{s} = 13$ , $\text{TeV}$ . European Physical Journal C, 2019, 79, 90.	3.9	34
69	Study of the underlying event in top quark pair production in $pp$ collisions at $\sqrt{s} = 13$ , $\text{TeV}$ . European Physical Journal C, 2019, 79, 123.	3.9	11
70	Search for rare decays of $Z$ and Higgs bosons to $J/\psi$ and a photon in proton-proton collisions at $\sqrt{s} = 13$ , $\text{TeV}$ . European Physical Journal C, 2019, 79, 94.	3.9	20
71	Search for $t\bar{t}H$ production in the $H \rightarrow b\bar{b}$ decay channel with leptonic $t\bar{t}$ decays in proton-proton collisions at $\sqrt{s} = 13$ $\text{TeV}$ . Journal of High Energy Physics, 2019, 2019, 1.	4.7	28
72	Search for Higgs-like particles produced in association with bottom quarks in proton-antiproton collisions. Physical Review D, 2019, 99, .	4.7	0

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73	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.	4.7	12
74	Measurement of differential cross sections for inclusive isolated-photon and photon+jet production in proton-proton collisions at $\sqrt{s} = 13, \text{ext } \{ \text{TeV} \}$ $s = 13$ TeV. European Physical Journal C, 2019, 79, 20.	3.9	18
75	Measurements of triple-differential cross sections for inclusive isolated-photon+jet events in $\mathbb{p}\mathbb{p}$ collisions at $\sqrt{s} = 8, \text{ext } \{ \text{TeV} \}$ . European Physical Journal C, 2019, 79, 969.	3.9	6
76	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.	4.7	18
77	Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at $\sqrt{s} = 13, \text{ext } \{ \text{TeV} \}$ . European Physical Journal C, 2019, 79, 893.	3.9	12
78	Search for new physics in top quark production in dilepton final states in proton-proton collisions at $\sqrt{s} = 13, \text{ext } \{ \text{TeV} \}$ . European Physical Journal C, 2019, 79, 886.	3.9	16
79	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.	4.7	28
80	Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at $\sqrt{s} = 7, \text{ext } \{ \text{TeV} \}$ . European Physical Journal C, 2018, 78, 242.	3.9	10
81	Pseudorapidity distributions of charged hadrons in proton-lead collisions at $\sqrt{s_{\text{NN}}} = 5.02$ and 8.16 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
82	Search for resonant and nonresonant Higgs boson pair production in the $b\bar{b} \rightarrow \gamma\gamma$ final state in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	36
83	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s} = 13, \text{ext } \{ \text{TeV} \}$ TeV. European Physical Journal C, 2018, 78, 291.	3.9	27
84	Measurements of the $\mathbb{p}\mathbb{p} \rightarrow \mathbb{Z}\mathbb{p}\mathbb{p}$ production cross section and the $\mathbb{Z} \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at. European Physical Journal C, 2018, 78, 165.	3.9	52
85	Measurement of associated Z + charm production in proton-proton collisions at $\sqrt{s} = 8, \text{ext } \{ \text{TeV} \}$ TeV. European Physical Journal C, 2018, 78, 287.	3.9	16
86	Measurement of the inclusive $\mathbb{t}\bar{\mathbb{t}}$ 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.	4.7	5
87	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.	4.7	0
88	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.	4.7	5
89	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.	4.7	6
90	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.	4.7	57

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91	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.	4.7	63
92	Measurement of differential cross sections in the kinematic angular variable $\tilde{l}^*$ for inclusive Z boson production in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	4
93	Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at $\sqrt{s_{\mathbb{N}\mathbb{N}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
94	Measurement of normalized differential $\overline{\sigma}(\mathbb{t})$ cross sections in the dilepton channel from pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	18
95	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.	4.7	17
96	Search for ZZ resonances in the $2\tilde{l}^*$ final state in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	4
97	Search for $\overline{\sigma}(\mathbb{t})\mathbb{H}$ production in the all-jet final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
98	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.	4.7	11
99	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.	4.7	43
100	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.	4.7	12
101	Measurement of the differential cross section for $W$ -boson production in association with jets in $p\bar{p}$ collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 891.	4.7	0
102	Measurement of the top quark mass with lepton+jets final states using $p\bar{p}$ collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 891.	3.9	34
103	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.	4.7	57
104	Search for $Z\tilde{l}^3$ resonances using leptonic and hadronic final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
105	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.	4.7	14
106	Search for standard-model Z and Higgs bosons decaying into a bottom-antibottom quark pair in proton-antiproton collisions at 1.96ATeV. Physical Review D, 2018, 98, .	4.7	1
107	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.	3.9	46
108	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.	3.9	39

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109	Studies of $\{\mathrm{B}\}^{\ast}_{\{\mathrm{s}\}2}(5840)^0 \mathrm{B} s 2 \hat{a} - (5840) 0$ and $\{\mathrm{B}\}$		
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127	Measurement of the inelastic proton-proton cross section at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	62
128	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.	4.7	86
129	Search for the Exotic Meson $\chi_{c0}$ . Physical Review Letters, 2018, 120, 202006.	6.57	10
130	Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	42
131	Jet properties in PbPb and pp collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
132	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. European Physical Journal C, 2018, 78, 140.	3.9	44
133	Measurement of b hadron lifetimes in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 457.	3.9	15
134	Measurements of the $\sigma(\mathrm{pp} \rightarrow \mathrm{ZZ})$ production cross section and the $\sigma(\mathrm{pp} \rightarrow \mathrm{ZZ})$ branching fraction, and constraints on anomalous triple gauge couplings at $\sqrt{s}=13$ TeV. , 2018, 78, 1.		3
135	Measurement of b hadron lifetimes in pp collisions at $\sqrt{s}=8$ TeV. , 2018, 78, 1.		1
136	Measurements of the $\sigma(\mathrm{pp} \rightarrow \mathrm{t}\bar{\mathrm{t}})$ production cross section in lepton+jets final states in pp collisions at $\sqrt{s}=8$ TeV and ratio of 8 to 7 TeV cross sections. European Physical Journal C, 2017, 77, 15.	3.9	34
137	Measurement of the $\sigma(\mathrm{pp} \rightarrow \mathrm{t}\bar{\mathrm{t}})$ production cross section using events in the $\mathrm{e}\bar{\mathrm{e}}\mu$ final state in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2017, 77, 172.	3.9	40
138	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. Journal of High Energy Physics, 2017, 2017, 1.	4.7	54
139	Search for electroweak production of charginos in final states with two $\tilde{\ell}$ , leptons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	11
140	Measurement of the production cross section of a W boson in association with two b jets in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2017, 77, 92.	3.9	16
141	Measurement of the WZ production cross section in pp collisions at $\sqrt{s}=7$ and $\sqrt{s}=8$ TeV and search for anomalous triple gauge couplings at $\sqrt{s}=8$ TeV. European Physical Journal C, 2017, 77, 236.	3.9	37
142	Measurement of prompt and nonprompt $\mathrm{J}/\psi$ production in $\mathrm{pp}$ and $\mathrm{pp}$ collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. European Physical Journal C, 2017, 77, 269.	3.9	53
143	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 $\alpha_{\mathrm{T}}$ variable. European Physical Journal C, 2017, 77, 294.	3.9	29
144	Observation of the Y (4140) structure in the $\mathrm{J}/\psi$ mass spectrum in $\mathrm{B}^{\pm} \rightarrow \mathrm{J}/\psi \mathrm{K}^{\pm}$ decays. Modern Physics Letters A, 2017, 32, 1750139.	1.2	57

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145	Search for new physics in the monophoton final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
146	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.	3.9	52
147	Measurement of the jet mass in highly boosted $\overline{\text{t}}$ events from pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 467.	3.9	23
148	Charged-particle nuclear modification factors in PbPb and pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	103
149	Search for $t \overline{\text{t}}$ 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.	4.7	22
150	Search for associated production of dark matter with a Higgs boson decaying to $b \overline{b}$ or $\tilde{\chi}^0_1$ at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
151	Observation of $Y(1S)$ pair production in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	48
152	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.	4.7	35
153	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.	4.7	13
154	Measurement of the semileptonic $t \overline{\text{t}}$ + $\tilde{\chi}^0_1$ production cross section in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	11
155	Measurements of the $pp \rightarrow \tilde{t}^* \tilde{W} \tilde{\chi}^0_1$ and $pp \rightarrow \tilde{t}^* \tilde{Z} \tilde{\chi}^0_1$ cross sections and limits on anomalous quartic gauge couplings at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
156	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.	3.9	98
157	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.	4.7	14
158	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.	4.7	23
159	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.	4.7	14
160	Measurement of the transverse momentum spectra of weak vector bosons produced in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	23
161	Suppression and azimuthal anisotropy of prompt and nonprompt $J/\psi$ production in PbPb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 252.	3.9	82
162	Searches for pair production of third-generation squarks in $\sqrt{s} = 13$ TeV pp collisions. European Physical Journal C, 2017, 77, 327.	3.9	32

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164	Searches for invisible decays of the Higgs boson in pp collisions at $\sqrt{s} = 7, 8,$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	95
165	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.	4.7	22
166	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.	3.9	38
167	Measurement of electroweak-induced production of $W\tilde{t}^3$ 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.	4.7	17
168	Searches for $W\tilde{e}^2$ 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.	4.7	8
169	Measurement of the inclusive energy spectrum in the very forward direction in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
170	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.	4.7	22
171	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.	4.7	15
172	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.	4.7	27
173	Measurement of the inclusive-isolated prompt-photon cross section in $p\bar{p} \rightarrow \gamma + \text{jet} + X$ collisions using the full CDF data set. Physical Review D, 2017, 96, .	4.7	1
174	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.	4.7	31
175	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.	4.7	15
176	Measurement of the $t\bar{t}\tilde{t}$ 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.	4.7	15
177	Search for a heavy resonance decaying to a top quark and a vector-like top quark at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	5
178	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, .	4.7	1
179	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.	3.9	57
180	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.	4.7	3

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182	Measurements of jet charge with dijet events in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
183	Search for associated production of a Z boson with a single top quark and for tZ flavour-changing interactions in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	4.7	21
184	Search for new physics with dijet angular distributions in proton-proton collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
185	Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at $s = 13 \sqrt{s} = 13 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	4.7	62
186	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 $s = 13 \sqrt{s} = 13 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	4.7	41
187	Search for new phenomena with multiple charged leptons in proton-proton collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ . European Physical Journal C, 2017, 77, 1.	3.9	2
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194	Search for supersymmetry in events with at least one photon, missing transverse momentum, and large transverse event activity in proton-proton collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
195	Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	4.7	101
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203	Search for Higgs boson off-shell production in proton-proton collisions at 7 and 8 TeV and derivation of constraints on its total decay width. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
204	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.	3.9	16
205	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.	4.7	5
206	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.	4.7	31
207	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.	4.7	27
208	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.	4.7	7
209	Search for the associated production of a Higgs boson with a single top quark in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
210	Forward-backward asymmetry of Drell-Yan lepton pairs in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 325.	3.9	25
211	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.	3.9	64
212	Measurement of the $B_c^\pm$ production cross section in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2016, 93, .	4.7	8
213	Measurement of the forward-backward asymmetry in low-mass bottom-quark pairs produced in proton-antiproton collisions. Physical Review D, 2016, 93, .	4.7	1
214	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, .	4.7	6
215	Search for a low-mass neutral Higgs boson with suppressed couplings to fermions using events with multiphoton final states. Physical Review D, 2016, 93, .	4.7	2
216	Measurement of $\sin^2 2\theta_{13}$ using $e^+e^- \rightarrow \mu^+\mu^-$ events. Physical Review D, 2016, 93, .	4.7	14

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218	Measurement of vector boson plus $D^*(2010)$ meson production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{ TeV}$ . Physical Review D, 2016, 93, .	4.7	4
219	Measurement of dijet azimuthal decorrelation in $pp$ collisions at $\sqrt{s} = 8\text{ TeV}$ . European Physical Journal C, 2016, 76, 536.	3.9	16
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223	Measurement of inclusive jet production and nuclear modifications in $p\text{Pb}$ collisions at $\sqrt{s_{NN}} = 5.02\text{ TeV}$ . European Physical Journal C, 2016, 76, 372.	3.9	29
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225	Measurement of the $t\bar{t}$ production cross section in the $e\bar{\nu}_e$ channel in proton-proton collisions at $\sqrt{s} = 7$ and $8\text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	41
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227	Search for dark matter in proton-proton collisions at $8\text{ TeV}$ with missing transverse momentum and vector boson tagged jets. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
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230	Search for direct pair production of supersymmetric top quarks decaying to all-hadronic final states in $pp$ collisions at $\sqrt{s} = 8\text{ TeV}$ . European Physical Journal C, 2016, 76, 460.	3.9	18
231	Azimuthal decorrelation of jets widely separated in rapidity in $pp$ collisions at $\sqrt{s} = 7\text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	20
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233	Measurement of the mass of the top quark in decays with a $J/\psi$ meson in $pp$ collisions at $8\text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	6
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237	Observation of top quark pairs produced in association with a vector boson in pp collisions at $s = 8 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	23
238	Search for $\text{W}\hat{\text{A}}^{\pm}\text{t}\bar{\text{b}}$ in proton-proton collisions at $s = 8 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	3
239	Correlations between jets and charged particles in PbPb and pp collisions at $\sqrt{s_{\text{NN}}} = 2.76 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
240	Search for the production of an excited bottom quark decaying to $\text{t}\bar{\text{W}}$ in proton-proton collisions at $s = 8 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	5
241	Search for excited leptons in proton-proton collisions at $s = 8 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	16
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245	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 $s = 8 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	16
246	Measurement of top quark polarisation in t-channel single top quark production. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
247	Search for heavy Majorana neutrinos in $\text{e}\hat{\text{A}}^{\pm}\text{e}\hat{\text{A}}^{\pm\pm}$ jets and $\text{e}\hat{\text{A}}^{\pm}\hat{\text{A}}^{\pm\pm}$ jets events in proton-proton collisions at $s = 8 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	35
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250	Search for new physics in final states with two opposite-sign, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $s = 13 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
251	Measurement of the top-quark mass in the $\text{t}\hat{\text{A}}^-$ dilepton channel using the full CDF Run II data set. Physical Review D, 2015, 92, .	4.7	5
252	Study of the energy dependence of the underlying event in proton-antiproton collisions. Physical Review D, 2015, 92, .	4.7	28

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256	Searches for supersymmetry using the $M_{T2}$ variable in hadronic events produced in $pp$ collisions at 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	34
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263	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.	4.7	1
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267	Measurement of the inclusive 3-jet production differential cross section in proton-proton collisions at 7 TeV and determination of the strong coupling constant in the TeV range. European Physical Journal C, 2015, 75, 186.	3.9	68
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273	Studies of high-transverse momentum jet substructure and top quarks produced in 1.96 TeV proton-antiproton collisions. Physical Review D, 2015, 91, .	4.7	1
274	Search for a standard model Higgs boson produced in association with a top-quark pair and decaying to bottom quarks using a matrix element method. European Physical Journal C, 2015, 75, 251.	3.9	73
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276	Measurement of central exclusive production of a Higgs boson in association with a top quark pair in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 251.	4.7	22
277	Measurement of electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 66.	3.9	31
278	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.	3.9	88
279	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.	3.9	44
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293	Measurement of the top-quark mass in the all-hadronic channel using the full CDF data set. Physical Review D, 2014, 90, .	4.7	8
294	Measurement of indirect CP-violating asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays at CDF. Physical Review D, 2014, 90, .	4.7	14
295	Search for heavy neutrinos and $W$ bosons with right-handed couplings in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2014, 74, 3149.	3.9	179
296	Measurement of top quark-antiquark pair production in association with a $W$ or $Z$ boson in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2014, 74, 3060.	3.9	43
297	Measurement of differential cross sections for the production of a pair of isolated photons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 3129.	3.9	65
298	Search for neutral MSSM Higgs bosons decaying to a pair of tau leptons in pp collisions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	81
299	Measurement of pseudorapidity distributions of charged particles in proton-proton collisions at $\sqrt{s} = 8$ TeV by the CMS and TOTEM experiments. European Physical Journal C, 2014, 74, 1.	3.9	49
300	Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and $W$ , $Z$ , and Higgs bosons in pp collisions at 8 TeV. European Physical Journal C, 2014, 74, 3036.	3.9	241
301	Measurement of prompt $J/\psi$ pair production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	61
302	Mass and lifetime measurements of bottom and charm baryons in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2014, 89, 012001.	4.7	24
303	Measurement of the ZZ production cross section using the full CDF II data set. Physical Review D, 2014, 89, 012001.	4.7	8
304	Invariant-mass distribution of jet pairs produced in association with a $W$ boson in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2014, 89, 012001.	4.7	7
305	Search for new physics in trilepton events and limits on the associated chargino-neutralino production at CDF. Physical Review D, 2014, 90, .	4.7	2
306	Measurement of the Inclusive Leptonic Asymmetry in Top-Quark Pairs that Decay to Two Charged Leptons at CDF. Physical Review Letters, 2014, 113, 042001.	7.8	38

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308	First Search for Exotic Z Boson Decays into Photons and Neutral Pions in Hadron Collisions. Physical Review Letters, 2014, 112, 111803.	7.8	18
309	Measurement of $B(\tau^+\tau^-W_b)/B(\tau^+\tau^-W_q)$ in Top-Quark-Pair Decays Using Dilepton Events and the Full CDF Run II Data Set. Physical Review Letters, 2014, 112, 221801.	7.8	15
310	Search for s-Channel Single-Top-Quark Production in Events with Missing Energy Plus Jets in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2014, 112, 231805.	7.8	12
311	Evidence for s-Channel Single-Top-Quark Production in Events with One Charged Lepton and Two Jets at CDF. Physical Review Letters, 2014, 112, 231804.	7.8	15
312	Observation of the diphoton decay of the Higgs boson and measurement of its properties. European Physical Journal C, 2014, 74, 3076.	3.9	342
313	Study of orbitally excited $B$ mesons and evidence for a new $B$ resonance. Physical Review D, 2014, 89, .	4.7	51
314	Precise measurement of the $W$ -boson mass with the Collider Detector at Fermilab. Physical Review D, 2014, 89, .	4.7	18
315	Measurements of Direct $CP$ -Violating Asymmetries in Charmless Decays of Bottom Baryons. Physical Review Letters, 2014, 113, 242001.	7.8	34
316	Search for the associated production of the Higgs boson with a top-quark pair. Journal of High Energy Physics, 2014, 2014, 1.	4.7	51
317	Study of hadronic event-shape variables in multijet final states in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	3
318	Search for standard model production of four top quarks in the lepton + jets channel in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	17
319	Identification techniques for highly boosted W bosons that decay into hadrons. Journal of High Energy Physics, 2014, 2014, 1.	4.7	43
320	Measurement of Higgs boson production and properties in the WW decay channel with leptonic final states. Journal of High Energy Physics, 2014, 2014, 1.	4.7	169
321	Measurement of the $t$ production cross section in the dilepton channel in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	52
322	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.	4.7	77
323	Measurement of associated W + charm production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	55
324	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.	4.7	48

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326	Measurement of WZ and ZZ production in pp collisions at $\sqrt{s} = 8$ TeV in final states with b-tagged jets. European Physical Journal C, 2014, 74, 2973.	3.9	23
327	Search for invisible decays of Higgs bosons in the vector boson fusion and associated ZH production modes. European Physical Journal C, 2014, 74, 2980.	3.9	171
328	Measurement of jet multiplicity distributions in $\overline{\mathrm{t}}\mathrm{t}\hat{\mathrm{A}}^{-}$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 3014.	3.9	16
329	Study of double parton scattering using W + 2-jet events in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	85
330	Event activity dependence of $\Upsilon$ (nS) production in $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV pPb and $\sqrt{s} = 2.76$ TeV pp collisions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	56
331	Measurements of the $\overline{\mathrm{t}}\mathrm{t}$ charge asymmetry using the dilepton decay channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	20
332	Evidence for the 125 GeV Higgs boson decaying to a pair of $\tilde{\mathrm{L}}$ , leptons. Journal of High Energy Physics, 2014, 2014, 1.	4.7	123
333	Search for $W\hat{\mathrm{A}}^{\pm}\mathrm{t}\mathrm{b}$ decays in the lepton + jets final state in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	26
334	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.	4.7	31
335	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.	4.7	100
336	Measurement of the t-channel single-top-quark production cross section and of the $ V_{\mathrm{tb}} $ CKM matrix element in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	70
337	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.	4.7	39
338	Search for pair production of excited top quarks in the lepton + jets final state. Journal of High Energy Physics, 2014, 2014, 1.	4.7	4
339	Search for massive resonances in dijet systems containing jets tagged as W or Z boson decays in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	85
340	Search for massive resonances decaying into pairs of boosted bosons in semi-leptonic final states at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	69
341	Measurement of the top-quark mass in all-jets $\mathrm{t}\hat{\mathrm{A}}^{-}$ events in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2758.	3.9	35
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344	Indirect measurement of $\sin^2 2\theta_{13}$ using $\sin^2 2\theta_{13}$ . Physical Review D, 2014, 89, .	4.7	19
345	Measurement of the $(\overline{t})$ production cross section in the dilepton channel in pp collisions at $(\sqrt{s}) = 8$ TeV. , 2014, 2014, 1.		3
346	Search for the associated production of the Higgs boson with a top-quark pair. , 2014, 2014, 1.		6
347	Search for microscopic black holes in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	44
348	Measurement of the $\Lambda_{\text{b}}^0$ lifetime in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	17
349	Searches for long-lived charged particles in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	118
350	Study of exclusive two-photon production of $W+W\hat{a}$ in pp collisions at $\sqrt{s}=7$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2013, 2013, 1.	4.7	75
351	Observation of a new boson with mass near 125 GeV in pp collisions at $\sqrt{s}=7$ TeV and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	320
352	Search for the standard model Higgs boson produced in association with a top-quark pair in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	39
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356	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.	4.7	50
357	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.	4.7	15
358	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.	4.7	33
359	Search in leptonic channels for heavy resonances decaying to long-lived neutral particles. Journal of High Energy Physics, 2013, 2013, 1.	4.7	32
360	Search for exotic resonances decaying into $WZ/ZZ$ in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	20

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362	Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in events with a single lepton, jets, and missing transverse momentum. <i>European Physical Journal C</i> , 2013, 73, 2404.	3.9	20
363	Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE. <i>European Physical Journal C</i> , 2013, 73, 2456.	3.9	202
364	Search for a standard-model-like Higgs boson with a mass in the range 145 to 1000 GeV at the LHC. <i>European Physical Journal C</i> , 2013, 73, 2469.	3.9	68
365	Search for flavor changing neutral currents in top quark decays in pp collisions at 7 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 718, 1252-1272.	4.1	20
366	Search for supersymmetry in events with photons and low missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 719, 42-61.	4.1	22
367	Measurement of the production cross section for $Z\gamma$ in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.1	3
368	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s} = 0.9, 2.76$ and $7$ TeV measured by ALICE. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	31
369	Measurement of the production cross section for $Z\gamma$ and $ZZ$ production cross sections in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.1	88
370	Observation of a diffractive contribution to dijet production in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review D</i> , 2013, 87, 1.	4.7	24
371	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. <i>Physical Review D</i> , 2013, 88, 1.	4.7	15
372	Measurement of the production cross section for $Z\gamma$ in pp collisions at $\sqrt{s} = 7$ TeV and limits on $ZZ^3$ and $Z^3$ triple gauge boson couplings. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	14
373	Measurement of the W-boson helicity in top-quark decays from $Z\gamma$ production in lepton+jets events in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	30
374	Search for supersymmetry in hadronic final states with missing transverse energy using the variables $\hat{t}$ and b-quark multiplicity in pp collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2013, 73, 2568.	3.9	147
375	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 $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	16
376	Measurement of masses in the $\overline{tt}$ system by kinematic endpoints in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 2494.	3.9	55
377	Search for physics beyond the standard model in events with $\tilde{l}$ , leptons, jets, and large transverse momentum imbalance in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 2493.	3.9	22
378	Measurement of the $\overline{tt}$ production cross section in the $\tilde{l}$ ,+jets channel in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	24

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379	Jet and underlying event properties as a function of charged-particle multiplicity in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ . European Physical Journal C, 2013, 73, 2674.	3.9	32

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398	Search for excited leptons in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 309-329.	4.1	45
399	Search for a Higgs boson decaying into a b-quark pair and produced in association with b quarks in proton-proton collisions at 7 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 207-232.	4.1	45
400	Search for long-lived particles in events with photons and missing energy in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 273-294.	4.1	130
401	Study of the Mass and Spin-Parity of the Higgs Boson Candidate via Its Decays to $Z\gamma$ Boson Pairs. Physical Review Letters, 2013, 110, 081803.	7.8	270
402	Search for heavy resonances in the W/Z-tagged dijet mass spectrum in pp collisions at 7 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 280-301.	4.1	15
403	Studies of jet quenching using isolated-photon + jet correlations in PbPb and pp collisions at $\sqrt{s} = 2.76$ and $7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 773-794.	4.1	130
404	Observation of long-range, near-side angular correlations in pPb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 795-814.	4.1	520
405	Search for new physics in events with opposite-sign leptons, jets, and missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 815-840.	4.1	130
406	Measurement of the sum of WW and WZ production with W+dijet events in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2283.	3.9	64
407	Measurement of differential top-quark-pair production cross sections in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1.	3.9	125
408	Search for narrow resonances using the dijet mass spectrum in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 815-840.	4.7	71
409	Search for narrow resonances using the dijet mass spectrum in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 815-840.	4.7	5
410	Combination of searches for the Higgs boson using the full CDF data set. Physical Review D, 2013, 88, .	4.7	17
411	Measurement of the mass difference between top and antitop quarks. Physical Review D, 2013, 87, .	4.7	10
412	Search for Supersymmetry with Like-Sign Lepton-Tau Events at CDF. Physical Review Letters, 2013, 110, 201802.	7.8	4
413	Search for $Z\gamma$ resonances decaying to dilepton+jet final states in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	4.7	34
414	Searches for the Higgs boson decaying to $W+W\gamma$ with the CDF II detector. Physical Review D, 2013, 88, .	4.7	6



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416	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, .	4.7	13
417	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, .	4.7	11
418	Measurements of differential jet cross sections in proton-proton collisions at the CMS detector. Physical Review D, 2013, 87, .	4.7	115
419	Search for new physics in final states with a lepton and missing transverse energy in pp collisions at the LHC. Physical Review D, 2013, 87, .	4.7	2
420	Search for functionally charged particles in pp collisions at the LHC. Physical Review D, 2013, 87, .	4.7	11
421	Measurement of the $T_{jE}^{\text{ETQq0}}$ cross section for prompt isolated diphoton production using the full CDF Run II Data Sample. Physical Review Letters, 2013, 110, 101801.	4.7	41
422	Measurement of the Azimuthal Anisotropy of Neutral Pions in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 110, 042301.	7.8	82
423	Evidence for Associated Production of a Single Top Quark and W Boson in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2013, 110, 022003.	7.8	36
424	Production of $K_S^0$ mesons in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2013, 110, 022003.	7.8	61
425	Signature-based search for delayed photons in exclusive photon plus missing transverse energy events from pp collisions with $\sqrt{s} = 1.96$ TeV. Physical Review D, 2013, 88, .	4.7	5
426	Search for contact interactions using the inclusive jet cross section in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2013, 88, .	7.8	43
427	Signature-based search for delayed photons in exclusive photon plus missing transverse energy events from pp collisions with $\sqrt{s} = 1.96$ TeV. Physical Review D, 2013, 88, .	4.7	4
428	Search for contact interactions using the inclusive jet cross section in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 110, 031802.	7.8	22
429	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.	7.8	26
430	Measurement of the $B_c$ meson lifetime in the decay $B_c \rightarrow \tau^+ \nu_\tau$ using the full CDF Run II Data Sample. Physical Review Letters, 2013, 110, 101801.	4.7	17
431	Search for contact interactions using the inclusive jet cross section in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 110, 031802.	4.7	12
432	Search for contact interactions using the inclusive jet cross section in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 110, 031802.	4.7	12

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434	Search for supersymmetry in events with opposite-sign dileptons and missing transverse energy using an artificial neural network. Physical Review D, 2013, 87, .	4.7	13
435	Measurement of the elliptic anisotropy of charged particles produced in PbPb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ Physical Review C, 2013, 87, .	2.9	185
436	Top-quark mass measurement in events with jets and missing transverse energy using the full CDF data set. Physical Review D, 2013, 88, .	4.7	13
437	Search for supersymmetry in final states with a single lepton, b-quark jets, and missing transverse energy in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ . Physical Review D, 2013, 87, .	4.7	9
438	Measurement of the Differential Cross Section $d\sigma/dp_T$ for $p\bar{p} \rightarrow t\bar{t}$ Collisions at $\sqrt{s} = 7 \text{ TeV}$ Physical Review D, 2013, 87, .	4.7	26
439	Evidence for a bottom baryon resonance $\Lambda_b^0$ in CDF data. Physical Review D, 2013, 88, .	4.7	34
440	Search for $B_s^0 \rightarrow \mu^+\mu^-$ Decays in $p\bar{p} \rightarrow B_s^0$ Collisions at $\sqrt{s} = 7 \text{ TeV}$ Physical Review D, 2013, 87, .	4.7	19
441	Measurement of the leptonic asymmetry in $p\bar{p} \rightarrow \tau^+\tau^-$ Collisions at $\sqrt{s} = 7 \text{ TeV}$ Physical Review D, 2013, 87, .	7.8	45
442	Measurement of the leptonic asymmetry in $p\bar{p} \rightarrow \tau^+\tau^-$ Collisions at $\sqrt{s} = 7 \text{ TeV}$ Physical Review D, 2013, 87, .	4.7	32
443	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. Physical Review D, 2013, 87, .	4.7	122
444	Exclusion of exotic top-like quarks with $ C_{tq}  < 0.1$ Using $pp \rightarrow t\bar{t}$ Collisions at $\sqrt{s} = 7 \text{ TeV}$ Physical Review D, 2013, 87, .	4.7	18
445	Observation of the Production of a $W \rightarrow \tau^+\tau^-$ Boson in Association with a Single Charm Quark. Physical Review Letters, 2013, 110, 071801.	7.8	24
446	Direct Measurement of the Total Decay Width of the Top Quark. Physical Review Letters, 2013, 111, 202001.	7.8	33
447	Search for the production of $Z \rightarrow \tau^+\tau^-$ and $Z \rightarrow \mu^+\mu^-$ boson pairs decaying into charged leptons and jets in $p\bar{p} \rightarrow Z$ Collisions at $\sqrt{s} = 7 \text{ TeV}$ Physical Review D, 2013, 87, .	4.7	4
448	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.	7.8	33
449	Search for a Two-Higgs-Boson Doublet Using a Simplified Model in $p\bar{p} \rightarrow H \rightarrow \tau^+\tau^-$ Collisions at $\sqrt{s} = 7 \text{ TeV}$ Physical Review D, 2013, 87, .	7.8	5
450	Measurement of $R = B(\tau^+\tau^-W_b)/B(\tau^+\tau^-W_q)$ in top-quark-pair decays using lepton+jet events and the full CDF Run II dataset. Physical Review D, 2013, 87, .	4.7	15

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452	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
453	Search for pair production of first and second generation scalar leptiquarks in collisions at $\sqrt{s}=8$ TeV. Journal of Instrumentation, 2013, 8, P04013-P04013.	4.7	32
454	Measurements of the Angular Distributions of Muons from $\sqrt{s}=8$ TeV. Journal of Instrumentation, 2013, 8, P04013-P04013.	7.8	46
455	Search for a Higgs Boson in the Diphoton Final State in $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 011801.	7.8	7
456	Transverse momentum cross section of $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 011801.	4.7	46
457	Observation of Exclusive $\gamma\gamma$ Production in $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 081801.	7.8	30
458	Measurement of the Pseudorapidity and Centrality Dependence of the Transverse Energy Density in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 109, 152303.	7.8	62
459	Combination of the top-quark mass measurements from the Tevatron collider. Physical Review D, 2012, 86, .	4.7	109
460	Azimuthal Anisotropy of Charged Particles at High Transverse Momenta in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 109, 152303.	7.8	101
461	Search for a $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 109, 071803.	7.8	12
462	Search for a $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 109, 071803.	7.8	29
463	Search for the Standard Model Higgs Boson Decaying to $\mu\mu$ Pair in Events with Two Oppositely Charged Leptons Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111803.	7.8	25
464	Measurement of $\sqrt{s}=1.96$ TeV at CDF. Physical Review Letters, 2012, 108, 101801.	7.8	21
465	Search for New Physics in the Multijet and Missing Transverse Momentum Final State in Proton-Proton Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2012, 109, 171803.	7.8	118
466	Search for a heavy vector boson decaying to two gluons in $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, .	4.7	2
467	Search for New Physics with Same-Sign Isolated Dilepton Events with Jets and Missing Transverse Energy. Physical Review Letters, 2012, 109, 071803.	7.8	49
468	Search for the Standard Model Higgs Boson in the Decay Channel $H \rightarrow \tau\tau$ . Physical Review Letters, 2012, 109, 171803.	7.8	97

#	ARTICLE	IF	CITATIONS
469	Production of $b\bar{b}$ , $t\bar{t}$ , $Z\gamma$ , and $\tau^+\tau^-$ hyperons in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, 47		3
470	Search for a Light Pseudoscalar Higgs Boson in the Dimuon Decay Channel in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, 11	7.8	65
471	Search for a Low-Mass Standard Model Higgs Boson in the $t\bar{t}$ Decay Channel in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 181804.	7.8	95
472	Search for a Low-Mass Standard Model Higgs Boson in the $t\bar{t}$ Decay Channel in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 181804.	7.8	13
473	Precision Top-Quark Mass Measurement at CDF. Physical Review Letters, 2012, 109, 152003.	4.7	18
474	Search for supersymmetry in events with b-quark jets and missing transverse energy in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, 11	7.8	39
475	Measurements of the Top-Quark Mass and the Cross Section in the Hadronic $t\bar{t}$ Decays in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, 11	4.7	18
476	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.	7.8	12
477	Study of substructure of high transverse momentum jets produced in proton-antiproton collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, 11	4.7	5
478	Inclusive Search for Squarks and gluinos in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, 11	7.8	73
479	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, 11	4.7	37
480	Search for anomalous production of multiple leptons in association with $W$ and $Z$ bosons at CDF. Physical Review D, 2012, 85, 11	4.7	41
481	Combination of CDF and D0 measurements of the $W$ boson helicity in top quark decays. Physical Review D, 2012, 85, 11	4.7	26
482	Search for heavy metastable particles decaying to jet pairs in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, 11	4.7	9
483	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.	4.7	5
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.	4.7	36
485	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.	4.7	15
486	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.	7.8	14

#	ARTICLE	IF	CITATIONS
487	Measurement of the Difference in CP-Violating Asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 \bar{K}^0$ Decays at CDF. Physical Review Letters, 2012, 109, 111801.	7.8	88
488	Measurement of the Bottom-Strange Meson Mixing Phase in the Full CDF Data Set. Physical Review Letters, 2012, 109, 171802.	7.8	62
489	Novel inclusive search for the Higgs boson in the four-lepton final state at CDF. Physical Review D, 2012, 86, .	4.7	7
490	Measurements of the Angular Distributions in the Decays $B \rightarrow K^* \ell^+ \ell^-$ . Physical Review Letters, 2012, 108, 081807.	7.8	108
491	Search for the standard model Higgs boson produced in association with a $W^{\pm}$ boson with $7.5 \text{ fb}^{-1}$ integrated luminosity at CDF. Physical Review D, 2012, 86, .	4.7	8
492	Search for the Standard Model Higgs Boson Decaying to $bb\bar{\nu}\nu$ Pair in Events with One Charged Lepton and Large Missing Transverse Energy Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111804.	7.8	27
493	Search for a Dark Matter Candidate Produced in Association with a Single Top Quark in $p\bar{p}$ Collisions at $1.96 \text{ TeV}$ . Physical Review Letters, 2012, 108, 201802.	7.8	19
494	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.	7.8	201
495	Combined Search for the Standard Model Higgs Boson Decaying to $ac$ Pair Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111802.	7.8	28
496	Measurement of the $WZ$ cross section and triple gauge couplings in $pp$ collisions at $7 \text{ TeV}$ . Physical Review Letters, 2012, 109, 251801.	4.7	28
497	Study of the Dijet Mass Spectrum in $pp$ Events at $7 \text{ TeV}$ . Physical Review Letters, 2012, 109, 251801.	7.8	15
498	Measurement of $B_s \rightarrow D_s^* + D_s^*$ Branching Ratios. Physical Review Letters, 2012, 108, 201801.	7.8	18
499	Measurement of CP-violation asymmetries in $D^0 \rightarrow K^0 S^0$ . Physical Review D, 2012, 86, .	4.7	13
500	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.	7.8	15
501	Search for Dark Matter and Large Extra Dimensions in $pp$ Collisions Yielding a Photon and Missing Transverse Energy. Physical Review Letters, 2012, 108, 261803.	7.8	126
502	Observation of Sequential $\Lambda^0$ Suppression in PbPb Collisions. Physical Review Letters, 2012, 109, 222301.	7.8	220
503	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. Physical Review D, 2012, 86, .	4.7	17
504	Observation of a New $\Lambda_b^0$ Baryon. Physical Review Letters, 2012, 108, 252002.	7.8	65

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505	Evidence for the Charmless Annihilation Decay Mode $B \rightarrow s \gamma$ . Physical Review Letters, 2012, 108, 211803.	7.8	38
506	Performance of $\tau$ , $q$ -lepton reconstruction and identification in CMS. Journal of Instrumentation, 2012, 7, P01001-P01001.	1.2	91
507	Inclusive b-jet production in pp collisions at $\sqrt{s} = 7\text{TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	39
508	Search for quark compositeness in dijet angular distributions from pp collisions at $\sqrt{s} = 7\text{TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	18
509	Suppression of non-prompt $J/\psi$ , prompt $J/\psi$ , and $\Upsilon(1S)$ in PbPb collisions at $\sqrt{s_{NN}} = 2.76\text{TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	200
510	Search for heavy bottom-like quarks in $4.9\text{fb}^{-1}$ of pp collisions at $\sqrt{s} = 7\text{TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	45
511	Measurement of the cross section for production of $b$ decaying to muons in pp collisions at $\sqrt{s} = 7\text{TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	6
512	Measurement of the $Z \rightarrow b\bar{b}$ cross section in pp collisions at $\sqrt{s} = 7\text{TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	39
513	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at $\sqrt{s} = 7\text{TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	31
514	Search for anomalous production of multilepton events in pp collisions at $\sqrt{s} = 7\text{TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	68
515	Search for a light charged Higgs boson in top quark decays in pp collisions at $\sqrt{s} = 7\text{TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	117
516	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 2.76\text{TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	115
517	Search for leptonic decays of $W$ bosons in pp collisions at $\sqrt{s} = 7\text{TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	49
518	Search for stopped long-lived particles produced in pp collisions at $\sqrt{s} = 7\text{TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	17
519	Search for new physics in events with same-sign dileptons and b-tagged jets in pp collisions at $\sqrt{s} = 7\text{TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	30
520	Measurement of the underlying event activity in pp collisions at $\sqrt{s} = 0.9\text{TeV}$ and $7\text{TeV}$ with the novel jet-area/median approach. Journal of High Energy Physics, 2012, 2012, 1.	4.7	13
521	Search for anomalous $t$ production in the highly-boosted all-hadronic final state. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
522	Search for dark matter and large extra dimensions in monojet events in pp collisions at $\sqrt{s} = 7\text{TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	168

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523	Search for a fermiophobic Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	15
524	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76;\mathrm{TeV}$ \$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	228
525	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.	4.7	95
526	Measurement of jet fragmentation into charged particles in pp and PbPb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	85
527	Search for scalar top quark production in $pp$ collisions at $\sqrt{s}=1.96;\mathrm{TeV}$ \$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	16
528	Measurement of the $\overline{\mathrm{t}}\mathrm{t}$ production cross section in the dilepton channel in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	69
529	Search for exclusive or semi-exclusive $\hat{t}\hat{t}^3$ 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.	4.7	51
530	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.	4.7	7
531	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.	4.7	41
532	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.	4.7	11
533	Search for resonant $\overline{\mathrm{t}}\mathrm{t}$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26
534	Observation of Z decays to four leptons with the CMS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	34
535	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.	4.7	83
536	Search for third-generation leptoquarks and scalar bottom quarks in pp collisions at $\sqrt{s}=7;\mathrm{TeV}$ \$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	14
537	Measurement of the top-quark mass in $\overline{\mathrm{t}}\mathrm{t}$ events with lepton+jets final states in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	38
538	Observation of a new boson at a mass of 125 GeV with the CMS experiment at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 30-61.	4.1	6,177
539	Measurement of the branching fraction $B(\hat{b}\rightarrow\hat{t}c+\overline{\hat{t}}\overline{\hat{c}})$ at CDF. Physical Review D, 2012, 85, .	4.7	6
540	Search for $WZ$ production with missing transverse energy $WZ$ production with missing transverse energy jets	4.7	6

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541	Search for standard model Higgs boson production in association with a W boson at CDF. Physical Review D, 2012, 85, .	4.7	3
542	Measurement of CP-violating asymmetries in $D^0 \rightarrow \pi^+ \pi^-$ and $D^0 \rightarrow K^+ K^-$ decays at CDF. Physical Review D, 2012, 85, .	4.7	65
543	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, .	4.7	4
544	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	4.7	35
545	Search for Higgs bosons produced in association with W bosons with Right-Handed Couplings in a Left-Right Symmetric Model in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	7.8	53
546	Search for Higgs bosons produced in association with quarks. Physical Review D, 2012, 85, .	4.7	28
547	Measurement of the CP-violating phase $\arg(V_{cb} V_{cs}^*)$ in $B \rightarrow D^* \ell^+ \ell^-$ decays. Physical Review D, 2012, 85, .	4.7	34
548	Measurement of the masses and widths of the bottom baryons $\Lambda_b^0$ and $\Sigma_b^0$ . Physical Review D, 2012, 85, .	4.7	22
549	Measurement of the rapidity and transverse momentum distributions of Z bosons in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	4.7	108
550	Search for high-mass resonances decaying into ZZ in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	4.7	13
551	A New Boson with a Mass of 125 GeV Observed with the CMS Experiment at the Large Hadron Collider. Science, 2012, 338, 1569-1575.	12.6	85
552	Measurement of the $t\bar{t}$ cross section and the $t$ quark mass in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	4.1	37
553	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.	4.1	17
554	Search for heavy long-lived charged particles in pp collisions at $\sqrt{s} = 1.96$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 406-410.	4.1	6
555	Search for $W$ boson resonances in dilepton mass spectra in pp collisions at $\sqrt{s} = 1.96$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 715, 66-83.	4.1	3
556	Search for heavy, top-like quark pair production in the dilepton final state in pp collisions at $\sqrt{s} = 1.96$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 103-121.	4.1	83
557	Search for heavy, top-like quark pair production in the dilepton final state in pp collisions at $\sqrt{s} = 1.96$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 103-121.	4.1	2
558	Search for heavy, top-like quark pair production in the dilepton final state in pp collisions at $\sqrt{s} = 1.96$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 103-121.	4.1	45



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559	Search for high-mass resonances decaying into $\tilde{\ell}_i$ -lepton pairs in pp collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. European Physical Journal C, 2012, 72, 1.	4.1	29
560	Measurement of the underlying event in the Drell-Yan process in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	33
561	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	32
562	Study of the inclusive production of charged pions, kaons, and protons in pp collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	154
563	Production of $K^*(892)^0$ and $\tilde{\rho}(1020)$ in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	111
564	A search for a doubly-charged Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	129
565	Measurement of the top-quark mass in $t\bar{t}$ events with dilepton final states in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	42
566	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	26
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577	Search for Signatures of Extra Dimensions in the Diphoton Mass Spectrum at the Large Hadron Collider. Physical Review Letters, 2012, 108, 111801.	7.8	63
578	Precise Measurement of the $W$ -Boson Mass with the CDF II Detector. Physical Review Letters, 2012, 108, 151803.	7.8	106
579	Forward energy flow, central charged-particle multiplicities, and pseudorapidity gaps in $W$ and $Z$ boson events from $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	11
580	$J/\psi$ and $\Upsilon(2S)$ production in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	81
581	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 2\ell, 2\ell\gamma$ channel in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26
582	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
583	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 4\ell$ decay channel in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	11
584	Search for $B_s \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^-$ decays. Journal of High Energy Physics, 2012, 2012, 1.	4.7	57
585	Search for a Higgs boson in the decay channel $H \rightarrow ZZ \rightarrow 4\ell$ in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	30
586	Search for microscopic black holes in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	34
587	Measurement of the inclusive production cross sections for forward jets and for dijet events with one forward and one central jet in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	16
588	Measurement of the mass difference between top and antitop quarks. Journal of High Energy Physics, 2012, 2012, 1.	4.7	15
589	Measurement of the charge asymmetry in top-quark pair production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 28-49.	4.1	79
590	Combined results of searches for the standard model Higgs boson in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 256-277.	4.1	20
591	Measurement of isolated photon production in $pp$ and PbPb collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 256-277.	4.1	89
592	Search for the standard model Higgs boson decaying to bottom quarks in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 256-277.	4.1	122
593	Search for the standard model Higgs boson decaying to bottom quarks in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 256-277.	4.1	0
594	Search for the standard model Higgs boson decaying to bottom quarks in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 284-306.	4.1	0

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595	Search for the standard model Higgs boson decaying into two photons in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters B, 2012, 710, 405-425.	4.1	148
596	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.	4.1	17
597	Search for large extra dimensions in dimuon and dielectron events in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 176-197.	4.1	11
598	Study of high-p T charged particle suppression in PbPb compared to pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	369
599	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.	3.9	181
600	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.	4.7	58
601	Exclusive $\hat{p}^3 \hat{a}^{\prime} \hat{1}/4 + \hat{1}/4 \hat{a}^{\prime}$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	56
602	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	139
603	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.	4.7	26
604	Measurements of the properties of $\Lambda_c(2595)$ , $\Lambda_c(2625)$ , $\Lambda_c(2455)$ , and $\Lambda_c(2520)$ baryons. Physical Review D, 2011, 84, .	4.7	47
605	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. Physical Review D, 2011, 83, .	4.7	16
606	Measurement of branching ratio and spin correlation in the decay $B \rightarrow B^0 \hat{a}^{\prime}$ . Physical Review D, 2011, 84, .	4.7	51
607	Measurement of the production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 84, .	4.7	45
608	Top quark mass measurement using the template method at CDF. Physical Review D, 2011, 83, .	4.7	24
609	Measurement of the spin correlation in $p\bar{p}$ collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 84, .	4.7	45
610	Search for $B \rightarrow B^0 \hat{a}^{\prime}$ decays using $B \rightarrow B^0 \hat{a}^{\prime}$ decays. Physical Review Letters, 2011, 107, 191801.	7.8	74
611	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, .	4.7	8
612	Upsilon production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 83, .	4.7	88

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613	Measurement of the differential cross section for isolated prompt photon production in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 84, .	4.7	65
614	Search for the Higgs boson in the all-hadronic final state using the CDF II detector. Physical Review D, 2011, 84, .	4.7	4
615	Resonant production of $\tau^+\tau^-$ pairs in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 84, .	4.7	17
616	Measurement of event shapes in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 83, .	4.7	13
617	Measurement of the $\tau^+\tau^-$ production cross section with an in situ calibration of b-jet identification efficiency. Physical Review D, 2011, 83, .	4.7	5
618	Measurement of the $B_s^0$ Cross Section with $B_s^0$ in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 84, .	4.7	35
619	Observation and studies of jet quenching in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 84, .	2.9	155
620	Indications of Suppression of Excited $\chi$ States in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 107, 052302.	7.8	153
621	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. Physical Review D, 2011, 83, .	4.7	238
622	Measurement of Dijet Angular Distributions and Search for Quark Compositeness in $pp$ Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201804.	7.8	54
623	Missing transverse energy performance of the CMS detector. Journal of Instrumentation, 2011, 6, P09001-P09001.	1.2	102
624	Measurement of $W^{\pm}Z$ and $Z^0Z^0$ production in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 535-555.	4.1	39
625	Search for first generation scalar leptoquarks in the $pp$ collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 123-142.	4.1	14
626	Search for resonances in the dijet mass spectrum from $7$ TeV $pp$ collisions at CMS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 123-142.	4.1	12
627	A search for excited leptons in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 123-142.	4.1	118
628	Search for first generation scalar leptoquarks in the $pp$ collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 123-142.	4.1	8
629	Search for first generation scalar leptoquarks in the $pp$ collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 123-142.	4.1	28
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632	Production of pions, kaons and protons in pp collisions at $\sqrt{s}=900$ GeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	209
633	Improved determination of the sample composition of dimuon events produced in pp collisions at $\sqrt{s}=1.96$ TeV. European Physical Journal C, 2011, 71, 1.	3.9	1
634	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=7$ TeV using the kinematic properties of events with leptons and jets. European Physical Journal C, 2011, 71, 1.	3.9	37
635	Charged particle multiplicities in pp interactions at $\sqrt{s} = 0.9, 2.36,$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	106
636	Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	122
637	Search for heavy stable charged particles in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	38
638	Inclusive b-hadron production cross section with muons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	23
639	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.	4.7	32
640	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.	4.7	59
641	Measurement of Bose-Einstein correlations in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	30
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643	Search for large extra dimensions in the diphoton final state at the Large Hadron Collider. Journal of High Energy Physics, 2011, 2011, 1.	4.7	22
644	Search for resonances in the dilepton mass distribution in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	39
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646	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.	4.7	46
647	Search for supersymmetry in events with a lepton, a photon, and large missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	10
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650	Search for light resonances decaying into pairs of muons as a signal of new physics. Journal of High Energy Physics, 2011, 2011, 1.	4.7	13
651	Search for supersymmetry in events with b jets and missing transverse momentum at the LHC. Journal of High Energy Physics, 2011, 2011, 1.	4.7	29
652	Search for same-sign top-quark pair production at $\sqrt{s} = 7$ TeV and limits on flavour changing neutral currents in the top sector. Journal of High Energy Physics, 2011, 2011, 1.	4.7	40
653	Charged particle transverse momentum spectra in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	56
654	Measurement of the inclusive Z cross section via decays to tau pairs in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	20
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657	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.	4.7	32
658	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.	4.7	97
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660	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.	4.7	158
661	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.	4.7	25
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665	Search for supersymmetry in pp collisions at 7 TeV in events with jets and missing transverse energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 196-218.	4.1	171
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671	Search for a $\chi_{c1}$ resonance in $pp$ collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 88-97.	4.1	30
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676	Search for Pair Production of Second-Generation Scalar Leptoquarks in $pp$ Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2011, 106, 201803.	7.8	17
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678	Search for a Heavy Toplike Quark in $pp$ Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2011, 107, 261801.	7.8	32
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684	Measurement of $B^0$ Hadron Lifetimes in Exclusive Decays Containing a $J/\psi$ . Physical Review Letters, 2011, 107, 261801.	7.8	31

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691	Measurement of the top pair production cross section in the dilepton channel using a jet flavor discriminant. Physical Review Letters, 2011, 107, 342001.	4.7	14
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695	Search for New Heavy Particles in Final States with Large Jet Multiplicities and Missing Transverse Energy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2011, 107, 102003.	7.8	7
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706	Search for Three-jet Resonances in $pp$ Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2011, 107, 201802.	7.8	34
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733	Observation of long-range, near-side angular correlations in proton-proton collisions at the LHC. Journal of High Energy Physics, 2010, 2010, 1.	4.7	497
734	Search for new color-octet vector particle decaying to $t\bar{t}$ . Physical Review Letters, 2011, 106, 121801.	4.1	16
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754	Measurement of the $WW+WZ$ production cross section using a matrix element technique in lepton+jets events. Physical Review D, 2010, 82, .	4.7	10
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794	Search for the Production of Narrow Resonances in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 103, 041801.	7.8	52
795	Measurement of the Top-Quark Mass Spectrum in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 242002.	7.8	275
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800	Top quark mass measurement in the lepton plus jets channel using a modified matrix element method. Physical Review D, 2009, 79, .	4.7	15
801	Search for Top-Quark Production via Flavor-Changing Neutral Currents in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 242003.	7.8	57
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804	Search for Gluino-Mediated Bottom Squark Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 221801.	7.8	13
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808	Search for the Associated Production of the Standard-Model Higgs Boson in the All-Hadronic Channel. Physical Review Letters, 2009, 103, 221801.	7.8	10
809	Search for a Fermiophobic Higgs Boson Decaying into Diphotons in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 103, 061803.	7.8	28
810	Measurement of the Top-Quark Mass with Dilepton Events Selected Using Neuroevolution at CDF. Physical Review Letters, 2009, 102, 152001.	7.8	42

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812	First measurement of the ratio of branching fractions $\frac{\mathcal{B}(B \rightarrow X_s \gamma)}{\mathcal{B}(B \rightarrow X_c \gamma)}$		

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831	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon-tagged events. Physical Review D, 2009, 80, . Search for $W$ and $W$ production in lepton plus jets	4.7	12
832	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon-tagged events. Physical Review D, 2009, 80, . Search for $W$ and $W$ production in lepton plus jets	4.7	64
833	First simultaneous measurement of the top quark mass in the lepton+jets and dilepton channels at CDF. Physical Review D, 2009, 79, .	4.7	25
834	Measurement of the b-hadron production cross section using decays to final states in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, .	4.7	18
835	Searching for the inclusive signature for radiative top quark decay and non-standard model processes. Physical Review D, 2009, . Search for hadronic decays of $W$ and $Z$ bosons in photon events in $pp$ collisions	4.7	5
836	Measurement of the top quark mass at CDF using the $t \rightarrow bW$ decay. Physical Review D, 2009, 79, . Search for hadronic decays of $W$ and $Z$ bosons in photon events in $pp$ collisions	4.7	0
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933	Search for second-generation scalar leptoquarks in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 73, .	4.7	21
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