

Maria Agnese Ciocci

List of Publications by Year in descending order

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883
papers

40,616
citations

3731

89
h-index

8167

148
g-index

890
all docs

890
docs citations

890
times ranked

11158
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 $\sqrt{s} = 13$, ext {TeV} ext {V}. 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	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at $\sqrt{s} = 13$, ext {TeV}. European Physical Journal C, 2022, 82, 290.	3.9	18
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	Observation of $B^0 \rightarrow \text{supersymmetry}(2S)K^0_{\text{charm}} \text{uppi}^+ \text{uppi}^-$ and $B^0_{\text{charm}} \rightarrow \text{supersymmetry}(2S)K^0_{\text{charm}}$ decays. European Physical Journal C, 2022, 82, .	3.9	1
17	Search for dark matter produced in association with a leptonically decaying Z boson in proton-proton collisions at $\sqrt{s} = 13$, ext {TeV} ext {V}. European Physical Journal C, 2021, 81, 13.	3.9	33
18	Search for top squark pair production using dilepton final states in pp collision data collected at $\sqrt{s} = 13$, ext {TeV}. European Physical Journal C, 2021, 81, 3.	3.9	33

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19	Measurements of $\sigma(\text{pp} \rightarrow \text{ZZ})$ 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
20	Development and validation of HERWIG tunes from CMS underlying-event measurements. European Physical Journal C, 2021, 81, 312.	3.9	12
21	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
22	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
23	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
24	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
25	Search for a heavy vector resonance decaying to a ZZ 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
26	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
27	Measurements of angular distance and momentum ratio distributions in three-jet and $\text{ZZ} + \text{two-jet}$ final states in pp collisions. European Physical Journal C, 2021, 81, 852.	3.9	2
28	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
29	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
30	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
31	Study of central exclusive "Equation missing" production in proton-proton collisions at $\sqrt{s} = 5.02$ and 13 TeV . European Physical Journal C, 2020, 80, 718.	3.9	7
32	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
33	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
34	Measurement of top quark pair production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2020, 2020, 1.	4.7	20
35	Search for direct pair production of supersymmetric partners to the τ lepton in proton-proton collisions at $\sqrt{s} = 13, \text{ext } \{\text{TeV}\}$. European Physical Journal C, 2020, 80, 189.	3.9	22
36	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ and $5.02, \text{ext } \{\text{TeV}\}$. European Physical Journal C, 2020, 80, 534.	3.9	14

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37	Measurement of electroweak production of a W boson in association with two jets in proton-proton collisions at $\sqrt{s}=13$, TeV . European Physical Journal C, 2020, 80, 43.	3.9	11
38	Evidence for W production from double-parton interactions in proton-proton collisions at $\sqrt{s} = 13$, TeV . European Physical Journal C, 2020, 80, 1.	3.9	10
39	Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at $\sqrt{s}=13$, TeV . European Physical Journal C, 2020, 80, 75.	3.9	78
40	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 $\sqrt{s}=13$, TeV . European Physical Journal C, 2020, 80, 3.	3.9	70
41	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
42	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
43	A multi-dimensional search for new heavy resonances decaying to boosted W boson pairs in the dijet final state at $\sqrt{s}=13$, TeV . European Physical Journal C, 2020, 80, 237.	3.9	31
44	Measurement of single-diffractive dijet production in proton-proton collisions at $\sqrt{s} = 8$, TeV with the CMS and TOTEM experiments. European Physical Journal C, 2020, 80, 1164.	3.9	5
45	Measurement of differential cross sections and charge ratios for t-channel single top quark production in proton-proton collisions at $\sqrt{s}=13$, TeV . European Physical Journal C, 2020, 80, 370.	3.9	22
46	Measurement of t -channel normalised multi-differential cross sections in pp collisions at $\sqrt{s}=13$, 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
47	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
48	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 $\sqrt{s} = 13$, TeV . European Physical Journal C, 2019, 79, 1.	3.9	9
49	Measurement of exclusive Υ photoproduction from protons in p -Pb collisions at $\sqrt{s_{NN}} = 5.02$, TeV . European Physical Journal C, 2019, 79, 277.	3.9	35
50	Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at $\sqrt{s}=13$, TeV . European Physical Journal C, 2019, 79, 564.	3.9	50
51	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in pp collisions at $\sqrt{s}=13$, TeV . European Physical Journal C, 2019, 79, 773.	3.9	8
52	Search for resonant production of second-generation sleptons with same-sign dimuon events in proton-proton collisions at $\sqrt{s} = 13$, TeV . European Physical Journal C, 2019, 79, 305.	3.9	4
53	Search for the pair production of light top squarks in the $e^{\pm}\mu^{\pm}$ final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
54	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s}=13$, TeV . European Physical Journal C, 2019, 79, 421.	3.9	355

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55	Search for supersymmetry in events with a photon, jets, b -jets, and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 444.	3.9	11
56	Measurements of the $pp \rightarrow WZ$ inclusive and differential production cross sections and constraints on charged anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
57	Measurement of the $t\bar{t} \rightarrow t\bar{t} \gamma$ production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at. European Physical Journal C, 2019, 79, 368.	3.9	68
58	Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	12
59	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 280.	3.9	29
60	Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 364.	3.9	48
61	Search for single production of vector-like quarks decaying to a top quark and a W boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 90.	3.9	34
62	Study of the underlying event in top quark pair production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 123.	3.9	11
63	Search for rare decays of Z and Higgs bosons to J/ψ and a photon in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 94.	3.9	20
64	Search for $t\bar{t} \rightarrow t\bar{t} H$ production in the $H \rightarrow b\bar{b}$ decay channel with leptonic $t\bar{t}$ decays in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	28
65	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
66	Measurement of differential cross sections for inclusive isolated-photon and photon+jet production in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 20.	3.9	18
67	Measurements of triple-differential cross sections for inclusive isolated-photon+jet events in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2019, 79, 969.	3.9	6
68	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
69	Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 893.	3.9	12
70	Search for new physics in top quark production in dilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 886.	3.9	16
71	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
72	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 291.	3.9	27

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73	Measurements of the $\sigma(\text{pp} \rightarrow \text{Z}\nu\text{Z})$ production cross section and the $\text{BR}(\text{Z} \rightarrow 4\ell)$ branching fraction, and constraints on anomalous triple gauge couplings at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 165.	3.9	52
74	Measurement of associated Z + charm production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 287.	3.9	16
75	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
76	Search for $\text{t}\bar{\text{t}}\text{H}$ 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
77	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
78	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
79	Measurement of the top quark mass with lepton+jets final states using $\text{pp} \rightarrow \text{t}\bar{\text{t}}\text{H}$ collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 891.	3.9	34
80	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
81	Search for \tilde{Z}^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
82	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
83	Search for third-generation scalar leptoquarks decaying to a top quark and a $\text{e}\nu$, lepton at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 707.	3.9	46
84	Measurement of differential cross sections for $\text{Z} + \text{jets}$ production in association with jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 965.	3.9	39
85	Studies of $\text{B}^0 \rightarrow \text{B}^0 \nu\bar{\nu}$ and $\text{B}^0 \rightarrow \text{B}^0 \nu\bar{\nu} + \text{c.c.}$		

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91	Measurement of the $\sigma(\text{pp} \rightarrow \text{Z}/\gamma^* \rightarrow \text{e}^+ \text{e}^-) / \sigma(\text{pp} \rightarrow \text{Z}/\gamma^* \rightarrow \mu^+ \mu^-)$, cross section in pp collisions at $\sqrt{s} = 13$ TeV and validation of the $\sigma(\text{pp} \rightarrow \text{Z}/\gamma^* \rightarrow \text{e}^+ \text{e}^-)$. European Physical Journal C, 2018, 78, 708.	3.9	10
92	Search for dark matter produced in association with a Higgs boson decaying to $\tau^+ \tau^-$ or $\tau^+ \nu_\tau$, $\tau^+ \nu_\tau$ at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
93	Search for a heavy resonance decaying into a Z boson and a vector boson in the $\text{pp} \rightarrow \text{Z} \text{V} + \text{Z} \text{V} + \text{Z} \text{V} + \text{Z} \text{V}$ final state. Journal of High Energy Physics, 2018, 2018, 1.	4.7	10
94	Measurement of the weak mixing angle using the forward-backward asymmetry of Drell-Yan events in $\text{pp} \rightarrow \text{Z}/\gamma^* \rightarrow \text{e}^+ \text{e}^-$ collisions at 8 TeV. European Physical Journal C, 2018, 78, 701.	3.9	58
95	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying τ , leptons at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	38
96	Electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	17
97	Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
98	Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
99	Measurement of the inelastic proton-proton cross section at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	62
100	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
101	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
102	Measurement of b hadron lifetimes in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 457.	3.9	15
103	Measurements of the $\sigma(\text{pp} \rightarrow \text{Z} \text{Z})$ production cross section and the $\text{BR}(\text{Z} \rightarrow 4\ell)$ branching fraction, and constraints on anomalous triple gauge couplings at $(\sqrt{s} = 13, \text{TeV})$. , 2018, 78, 1.		3
104	Measurement of b hadron lifetimes in pp collisions at $(\sqrt{s} = 8) (\text{TeV})$. , 2018, 78, 1.		1
105	Measurements of the $\sigma(\text{pp} \rightarrow \text{t} \bar{\text{t}})$ production cross section in lepton+jets final states in pp collisions at 8 TeV and ratio of 8 to 7 TeV cross sections. European Physical Journal C, 2017, 77, 15.	3.9	34
106	Measurement of the $\sigma(\text{pp} \rightarrow \text{t} \bar{\text{t}})$ production cross section using events in the $\text{pp} \rightarrow \text{t} \bar{\text{t}} \text{e}^+ \text{e}^-$ final state in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 172.	3.9	40
107	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
108	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

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109	Measurement of the WZ production cross section in pp collisions at $\sqrt{s} = 7$ and $8 \sqrt{s} = 8$ TeV and search for anomalous triple gauge couplings at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 236.	3.9	37
110	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 α_{T} variable. European Physical Journal C, 2017, 77, 294.	3.9	29
111	Observation of the Y (4140) structure in the J/ψ mass spectrum in $B^{\pm} \rightarrow J/\psi K^{\pm}$ decays. Modern Physics Letters A, 2017, 32, 1750139.	1.2	57
112	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
113	Measurement of the jet mass in highly boosted $\overline{t}t$ events from pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 467.	3.9	23
114	Charged-particle nuclear modification factors in PbPb and pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	103
115	Suppression and azimuthal anisotropy of prompt and nonprompt J/ψ production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 252.	3.9	82
116	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
117	Measurement of the top quark mass using single top quark events in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 354.	3.9	23
118	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
119	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
120	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
121	Measurement of the $\overline{t}t$ 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
122	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
123	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
124	Search for new phenomena with multiple charged leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	2
125	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 636.	3.9	38
126	Measurement of the triple-differential dijet cross section in proton-proton collisions at $\sqrt{s} = 8$ TeV and constraints on parton distribution functions. European Physical Journal C, 2017, 77, 746.	3.9	23

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127	Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	101
128	Measurements of the associated production of a Z boson and b jets in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 751.	3.9	30
129	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2016, 76, 451.	3.9	55
130	Trapping in proton irradiated p+n+silicon sensors at fluences anticipated at the HL-LHC outer tracker. Journal of Instrumentation, 2016, 11, P04023-P04023.	1.2	8
131	Reconstruction and identification of \tilde{l}, \tilde{l}^* , lepton decays to hadrons and $\tilde{l}^* \rightarrow \tilde{l} + \gamma$ at CMS. Journal of Instrumentation, 2016, 11, P01019-P01019.	1.2	85
132	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
133	Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 6-31.	4.1	6
134	Angular analysis of the decay $B \rightarrow K^* \mu^+ \mu^-$ from pp collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 424-448.	4.1	87
135	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
136	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
137	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
138	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
139	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
140	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
141	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.		

#	ARTICLE	IF	CITATIONS
145	Search for pair-produced vectorlike quarks in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , 2016, 116, 172002.	4.7	41
146	Measurement of Long-Range Near-Side Two-Particle Angular Correlations in $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , 2016, 116, 172002.	7.8	139
147	Search for pair production of first and second generation leptoquarks in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , 2016, 116, 172002.	4.7	61
148	Search for pair production of first and second generation leptoquarks in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , 2016, 116, 172002.	4.7	43
149	Search for pair production of first and second generation leptoquarks in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , 2016, 116, 172002.	4.7	24
150	Search for dark matter and unparticles produced in association with a Z boson in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , 2016, 116, 172002.	4.7	24
151	Measurement of the top quark mass using proton-proton data at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , 2016, 116, 052002.	7.8	497
152	Study of B meson production in $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , 2016, 116, 052002.	7.8	20
153	Measurement of the Top Quark Pair Production Cross Section in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , 2016, 116, 052002.	7.8	34
154	Measurement of dijet azimuthal decorrelation in pp collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2016, 76, 536.	3.9	16
155	Measurement of inclusive jet production and nuclear modifications in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2016, 76, 372.	3.9	29
156	Measurement of differential and integrated fiducial cross sections for Higgs boson production in the four-lepton decay channel in pp collisions at $\sqrt{s} = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	19
157	Measurement of the $t\bar{t}$ production cross section in the $e\bar{e}\gamma$ channel in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	41
158	Search for direct pair production of supersymmetric top quarks decaying to all-hadronic final states in pp collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2016, 76, 460.	3.9	18
159	Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	26
160	Measurement of $t\bar{t}$ production with additional jet activity, including b quark jets, in the dilepton decay channel using pp collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2016, 76, 379.	3.9	34
161	Measurement of the differential cross section and charge asymmetry for inclusive $p\bar{p} \rightarrow W^{\pm} + X$ production at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2016, 76, 469.	3.9	83
162	Observation of top quark pairs produced in association with a vector boson in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	23

#	ARTICLE	IF	CITATIONS
163	Search for $W\hat{e}^2 \hat{t}^1 tb$ in proton-proton collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	3
164	Correlations between jets and charged particles in PbPb and pp collisions at $s_{NN} = 2.76 \sqrt{s_{\text{mathrm{NN}}}}=2.76 \text{ TeV}$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
165	Search for the production of an excited bottom quark decaying to tW in proton-proton collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	5
166	Search for excited leptons in proton-proton collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$. Journal of High Energy Physics, 2016, 2016, 1. Measurement of the ratio $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg=" si1.gif" overflow=" scroll" } \rangle \langle \text{mml:mi mathvariant=" script" } \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mo}$	4.7	16
167			

#	ARTICLE	IF	CITATIONS
181	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 $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.1	30
182	Measurement of top quark polarisation in t-channel single top quark production. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
184	Search for Narrow Resonances Decaying to Dijets in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. Physical Review Letters, 2016, 116, 071801.	7.8	114
185	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into $\tilde{l}, \tilde{\nu}$, leptons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
186	Measurement of differential cross sections for Higgs boson production in the diphoton decay channel in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 13.	3.9	62
187	Searches for a heavy scalar boson H decaying to a pair of 125 GeV Higgs bosons hh or for a heavy pseudoscalar boson A decaying to Zh, in the final states with $h \rightarrow \tau^+\tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 217-244.	4.1	53
188	Angular coefficients of Z bosons produced in pp collisions at $\sqrt{s}=8$ TeV and decaying to $\tau^+\tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 154-175.	4.1	57
189	Evidence for transverse-momentum- and pseudorapidity-dependent event-plane fluctuations in PbPb and pPb collisions. Physical Review C, 2015, 92, .	2.9	140
190	Search for physics beyond the standard model in final states with a lepton and missing transverse energy in proton-proton collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2015, 91, .	4.7	73
191	Study of final-state radiation in decays of Z bosons produced in pp collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2015, 91, .	4.7	5
192	Measurement of diffractive dissociation cross sections in pp collisions at $\sqrt{s}=8$ TeV. Physical Review Letters, 2015, 115, 012301.	4.7	46
193	Constraints on the spin-parity and anomalous couplings of the Higgs boson in proton collisions at 7 and 8 TeV. Physical Review D, 2015, 92, .	4.7	185
194	Limits on the Higgs boson lifetime and width from its decay to four charged leptons. Physical Review D, 2015, 92, .	4.7	55
195	Evidence for Collective Multiparticle Correlations in pp collisions at $\sqrt{s}=8$ TeV. Physical Review Letters, 2015, 115, 012301.	7.8	177
196	Performance of the CMS missing transverse momentum reconstruction in pp data at $\sqrt{s}=8$ TeV. Journal of Instrumentation, 2015, 10, P02006-P02006.	1.2	93
197	Search for physics beyond the standard model in events with two leptons, jets, and missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	24
198	Search for third-generation scalar leptoquarks in the $t\bar{t}$ channel in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	24

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199	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
200	Searches for third-generation squark production in fully hadronic final states in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	37
201	Search for the production of dark matter in association with top-quark pairs in the single-lepton final state in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	20
202	Search for a charged Higgs boson in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	81
203	Search for supersymmetry in the vector-boson fusion topology in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	12
204	Search for vector-like T quarks decaying to top quarks and Higgs bosons in the all-hadronic channel using jet substructure. Journal of High Energy Physics, 2015, 2015, 1.	4.7	24
205	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
206	Search for a Higgs boson in the mass range from 145 to 1000 GeV decaying to a pair of W or Z bosons. Journal of High Energy Physics, 2015, 2015, 1.	4.7	92
207	Precise determination of the mass of the Higgs boson and tests of compatibility of its couplings with the standard model predictions using proton collisions at 7 and 8 TeV. European Physical Journal C, 2015, 75, 212.	3.9	541
208	Combined Measurement of the Higgs Boson Mass in Collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS and CMS Experiments. Physical Review Letters, 2015, 114, 191803.	7.8	1,062
209	Measurement of the $Z\gamma^* \rightarrow \gamma^* \gamma^* \gamma^*$ production cross section in pp collisions at 8 TeV and search for anomalous triple gauge boson couplings. Journal of High Energy Physics, 2015, 2015, 1.	4.7	11
210	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
211	Measurement of the differential cross section for top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 542.	3.9	191
212	Measurements of the $Z\gamma^* \rightarrow \gamma^* \gamma^* \gamma^*$ production cross sections in the $2\ell 2\ell 2\ell$ channel in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV. European Physical Journal C, 2015, 75, 511.	3.9	32
213	Comparison of the $Z/\gamma^* \rightarrow \gamma^* \gamma^* \gamma^*$ + jets to $\gamma^* \gamma^* \gamma^*$ + jets cross sections in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	6
214	Search for neutral MSSM Higgs bosons decaying into a pair of bottom quarks. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
215	Long-range two-particle correlations of strange hadrons with charged particles in pPb and PbPb collisions at LHC energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 200-224.	4.1	77
216	Search for new resonances decaying via WZ to leptons in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 83-104.	4.1	1

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217	Measurement of the production cross section and constraints on anomalous triple gauge couplings in four-lepton final states at $\sqrt{s} = 8$ TeV in proton-proton collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 383-402.	4.1	52
218	Measurement of the production cross section ratio $\sigma(\text{pp} \rightarrow \text{W} + \text{jet}) / \sigma(\text{pp} \rightarrow \text{W})$ in pp collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 503-525.	4.1	57
219	Search for stealth supersymmetry in events with jets, either photons or leptons, and low missing transverse momentum in pp collisions at 8 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 503-525.	4.1	16
220	Search for stealth supersymmetry in events with jets, either photons or leptons, and low missing transverse momentum in pp collisions at 8 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 503-525.	4.1	18
221	Searches for supersymmetry based on events with b jets and four W bosons in pp collisions at 8 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 745, 5-28.	4.1	67
222	Searches for supersymmetry based on events with b jets and four W bosons in pp collisions at 8 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 745, 5-28.	4.1	21
223	Search for quark contact interactions and extra spatial dimensions using dijet angular distributions in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 744, 184-207.	4.1	24
224	Searches for supersymmetry based on events with b jets and four W bosons in pp collisions at 8 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 745, 5-28.	4.1	15
225	Search for long-lived neutral particles decaying to quark-antiquark pairs in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2015, 91, .	4.7	46
226	Search for long-lived neutral particles decaying to quark-antiquark pairs in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2015, 91, .	4.7	90
227	Search for long-lived particles that decay into final states containing two electrons or two muons in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2015, 91, .	4.7	70
228	Search for Monotop Signatures in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2015, 114, 101801.	7.8	36
229	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
230	Search for Displaced Supersymmetry in Events with an Electron and a Muon with Large Impact Parameters. Physical Review Letters, 2015, 114, 061801.	7.8	44
231	Search for displaced supersymmetry using razor variables in events with $\text{pp} \rightarrow \text{W} + \text{jet} + \text{jet} + \text{jet}$ in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2015, 114, 061801.	7.8	60
232	Study of Vector Boson Scattering and Search for New Physics in Events with Two Same-Sign Leptons and Two Jets. Physical Review Letters, 2015, 114, 051801.	7.8	80
233	Search for resonances and quantum black holes using dijet mass spectra in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2015, 91, .	4.7	167
234	Search for supersymmetry using razor variables in events with $\text{pp} \rightarrow \text{W} + \text{jet} + \text{jet} + \text{jet}$ in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2015, 114, 061801.	4.7	46

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235	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
236	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
237	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
238	Measurement of the W boson helicity in events with a single reconstructed top quark in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	26
239	Measurement of the ratio of the production cross sections times branching fractions of $B_c \rightarrow \mu^+ \mu^- \gamma$ and $B \rightarrow \mu^+ \mu^- \gamma$ in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	17
240	Search for disappearing tracks in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	46
241	Study of Z production in PbPb and pp collisions at $\sqrt{s_{NN}}=2.76$ TeV in the dimuon and dielectron decay channels. Journal of High Energy Physics, 2015, 2015, 1.	4.7	27
242	Search for physics beyond the standard model in dilepton mass spectra in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	78
243	Observation of the rare $B_s^0 \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. Nature, 2015, 522, 68-72.	27.8	390
244	Measurement of the underlying event activity using charged-particle jets in proton-proton collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	10
245	Search for dark matter, extra dimensions, and unparticles in monojet events in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 235.	3.9	320
246	Constraints on parton distribution functions and extraction of the strong coupling constant from the inclusive jet cross section in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2015, 75, 288.	3.9	54
247	Nuclear effects on the transverse momentum spectra of charged particles in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2015, 75, 237.	3.9	58
248	Distributions of topological observables in inclusive three- and four-jet events in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2015, 75, 302.	3.9	6
249	Constraints on the pMSSM, AMSB model and on other models from the search for long-lived charged particles in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 235.	3.9	43
250	Measurement of Prompt Photon Production in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. Physical Review Letters, 2015, 115, 112301.	7.8	47
251	Searches for heavy Higgs bosons in two-Higgs-doublet models and for χ^0 decay using multilepton and diphoton final states in pp collisions at 8 TeV. Physical Review D, 2014, 90, .	4.7	51
252	Search for supersymmetry with razor variables in proton-proton collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2014, 90, .	4.7	15

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253	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.	4.7	69
254	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
255	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
256	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
257	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
258	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
259	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
260	Measurement of prompt J/ψ pair production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	61
261	Measurement of the production cross section for a W boson and two b jets in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 274-293.	4.1	23
262	Search for pair production of third-generation scalar leptons and top squarks in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 274-293.	4.1	23
263	Measurement of the production cross section for a W boson and two b jets in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 229-249.	4.1	23
264	Alignment of the CMS tracker with LHC and cosmic ray data. Journal of Instrumentation, 2014, 9, P06009-P06009.	1.2	32
265	Measurement of jet fragmentation in PbPb and pPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, 054907.	2.9	113
266	Measurement of higher-order harmonic azimuthal anisotropy in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, 054907.	2.9	133
267	Search for Top Squark and Higgsino Production Using Diphoton Higgs Boson Decays. Physical Review Letters, 2014, 112, 161802.	7.8	45
268	Search for anomalous production of events with three or more leptons in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2014, 90, 032004.	4.7	70
269	Measurement of spin correlations in dilepton final states in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2014, 90, 032004.	7.8	63
270	Search for Top-Quark Partners with Charge in the Same-Sign Dilepton Final State. Physical Review Letters, 2014, 112, 171801.	7.8	76

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271	Search for jet extinction in the inclusive jet production from proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	6
272	Search for the standard model Higgs boson produced in association with a top quark and decaying to bottom quarks. Physical Review D, 2014, 89, .	4.7	161
273	Measurement of the muon charge asymmetry in inclusive Z boson production in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2014, 89, .	4.7	64
274	Observation of the diphoton decay of the Higgs boson and measurement of its properties. European Physical Journal C, 2014, 74, 3076.	4.7	83
275	Evidence of b -jet Quenching in PbPb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 113, 112303.	7.8	85
276	Measurement of the ratio of inclusive jet cross sections using the anti- k_T algorithm with radius parameters $R = 0.4$ and $R = 0.6$. Physical Review D, 2014, 89, .	4.7	56
277	Measurement of four-jet production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2014, 89, .	4.7	40
278	Measurement of the properties of a Higgs boson in the four-lepton final state. Physical Review D, 2014, 89, .	4.7	299
281	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
282	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
283	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
284	Description and performance of track and primary-vertex reconstruction with the CMS tracker. Journal of Instrumentation, 2014, 9, P10009-P10009.	1.2	380
285	Identification techniques for highly boosted W bosons that decay into hadrons. Journal of High Energy Physics, 2014, 2014, 1.	4.7	43
286	Searches for light- and heavy-flavour three-jet resonances in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.1	36
287	Measurement of the ratio of inclusive jet cross sections using the anti- k_T algorithm with radius parameters $R = 0.4$ and $R = 0.6$. Physical Review D, 2014, 89, .	4.7	40
288	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

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289	Measurement of the $\sigma(\overline{t}t)$ 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
290	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
291	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
292	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
293	Measurement of the $\sigma(\overline{t}t)$ production cross section in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.1	20
294	Measurement of the ratio R_{charm} in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.		

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307	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
308	Measurement of the t-channel single-top-quark production cross section and of the $ V_{tb} $ CKM matrix element in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	70
309	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
310	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
311	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
312	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
313	Study of the production of charged pions, kaons, and protons in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 2847.	3.9	85
314	Probing color coherence effects in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2901.	3.9	17
315	Inclusive search for a vector-like T quark with charge $\frac{2}{3}$ in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.1	110
316	Modification of jet shapes in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 730, 243-263.	4.1	144
317	Search for baryon number violation in top-quark decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 173-196.	4.1	12
318	Observation of the Associated Production of a Single Top Quark and a W Boson in pp Collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	7.8	108
319	Search for a new bottomonium state decaying to $\gamma\gamma$ in events with a single lepton, large jet multiplicity, and multiple b jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 328-352.	4.1	45
320	Measurement of the (\overline{t}) production cross section in the dilepton channel in pp collisions at $(\sqrt{s}) = 8$ TeV. , 2014, 2014, 1.	4.1	37
321	Search for the associated production of the Higgs boson with a top-quark pair. , 2014, 2014, 1.	4.1	6
322	Search for the Higgs boson in the all-hadronic final state using the full CDF data set. Journal of High Energy Physics, 2013, 2013, 1.	4.7	5
323	Angular analysis and branching fraction measurement of the decay $B \rightarrow \mu^+ \mu^- \gamma$. Journal of High Energy Physics, 2013, 2013, 1.	4.1	45
324	Search for a new bottomonium state decaying to $\gamma\gamma$ in events with a single lepton, large jet multiplicity, and multiple b jets. Journal of High Energy Physics, 2013, 2013, 1.	4.1	37

#	ARTICLE	IF	CITATIONS
325	<p>Measurement of the polarization of W bosons produced in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i>, 2013, 88, .</p> <p>Indirect measurement of $\sin^2\theta_W(MW)$ using e^+e^- pairs in the Z-boson region with pp collisions at a center-of-momentum energy of 1.96 TeV. <i>Physical Review D</i>, 2013, 88, .</p> <p>Measurement of the W-boson helicity in top-quark decays from $\overline{t} \rightarrow W b$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i>, 2013, 2013, 1.</p> <p>Jet and underlying event properties as a function of charged-particle multiplicity in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i>, 2013, 73, 2674.</p>	4.1	3
326	Higgs boson studies at the Tevatron. <i>Physical Review D</i> , 2013, 88, .	4.7	98
327	Indirect measurement of $\sin^2\theta_W(MW)$ using e^+e^- pairs in the Z -boson region with pp collisions at a center-of-momentum energy of 1.96 TeV. <i>Physical Review D</i> , 2013, 88, .	4.7	15
328	Measurement of the W -boson helicity in top-quark decays from $\overline{t} \rightarrow W b$ 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
329	Jet and underlying event properties as a function of charged-particle multiplicity in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 2674.	3.9	32

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#	ARTICLE	IF	CITATIONS
343	Search for prompt isolated diphoton production in association with a heavy quark in $pp \rightarrow q\gamma\gamma + X$ collisions with $\sqrt{s} = 1.96$ TeV. Physical Review D, 2013, 88.	4.7	12
344	Measurement of the Cross Section for Prompt Isolated Diphoton Production Using the Full CDF Run II Data Sample. Physical Review Letters, 2013, 110, 101801.	7.8	36
345	Signature-based search for delayed photons in exclusive photon plus missing transverse energy events from $pp \rightarrow \gamma + \cancel{E}_T$ collisions with $\sqrt{s} = 1.96$ TeV. Physical Review D, 2013, 88.	4.7	4
346	Measurement of the Cross Section for Direct-Photon Production in Association with a Heavy Quark in $pp \rightarrow q\gamma + X$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 111, 031802.	7.8	22
347	Search for Pair Production of Strongly Interacting Particles Decaying to Pairs of Jets in $pp \rightarrow \gamma\gamma + X$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 111, 031802.	7.8	26
348	Measurement of the meson lifetime in the decay $B \rightarrow c\bar{c}$. Physical Review D, 2013, 87, .	4.7	17
349	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
350	Search for $B \rightarrow s\gamma$ decays with $B \rightarrow c\bar{c}$ decays. Physical Review D, 2013, 87, .	4.7	19
351	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. Physical Review D, 2013, 87, .	4.7	122
352	Exclusion of exotic top-like quarks with electric charge using jet-charge tagging in single-lepton $t\bar{t}$ events at CDF. Physical Review Letters, 2013, 110, 121802.	4.7	18
353	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
354	Search for a Two-Higgs-Boson Doublet Using a Simplified Model in $pp \rightarrow \gamma\gamma + X$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 011801.	7.8	5
355	Measurement of $R = B(\tau^+ \rightarrow W^+ b) / B(\tau^+ \rightarrow W^+ q)$ in top-quark-pair decays using lepton+jet events and the full CDF run II dataset. Physical Review D, 2013, 87.	4.7	15
356	Measurements of the Angular Distributions of Muons from $B \rightarrow \mu\bar{\nu}_\mu X$ Decays in $pp \rightarrow \gamma\gamma + X$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 011801.	7.8	46
357	Search for a Higgs Boson in the Diphoton Final State in $pp \rightarrow \gamma\gamma + X$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 011801.	7.8	7
358	Transverse momentum cross section of $B \rightarrow e\bar{e}$ pairs in the $B \rightarrow e\bar{e}$ region from $pp \rightarrow \gamma\gamma + X$ collisions. Physical Review Letters, 2012, 108, 081801.	4.7	46
359	Observation of Exclusive $\tau^+ \tau^-$ Production in $pp \rightarrow \gamma\gamma + X$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 081801.	7.8	30
360	Combination of the top-quark mass measurements from the Tevatron collider. Physical Review D, 2012, 86, .	4.7	109

#	ARTICLE	IF	CITATIONS
361	Search for the Standard Model Higgs Boson Decaying to $b\bar{b}$ Pair in Events with No Charged Leptons and Large Missing Transverse Energy using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111805.	7.8	12
362	Search for the Standard Model Higgs Boson Decaying to $b\bar{b}$ Pair in Events with Two Oppositely Charged Leptons Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111803.	7.8	25
363	Measurement of $Z\bar{Z}$ Production in Leptonic Final States at \sqrt{s} of 1.96 TeV at CDF. Physical Review Letters, 2012, 108, 101801.	7.8	21
364	Search for a heavy vector boson decaying to two gluons in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, .	4.7	2
365	Production of Λ^0 , Λ^{\pm} , and Σ^{\pm} hyperons in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, .	4.7	3
366	Search for a Low-Mass Standard Model Higgs Boson in the $t\bar{t}$ Decay Channel in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 181804.	7.8	13
367	Search for a Low-Mass Standard Model Higgs Boson in the $t\bar{t}$ Decay Channel in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 181804.	4.7	18
368	Precision Top-Quark Mass Measurement at CDF. Physical Review Letters, 2012, 109, 152003.	7.8	39
369	Search for the rare radiative decay $B \rightarrow K^* \gamma$ in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 109, 152003.	7.8	12
370	Search for the rare radiative decay $B \rightarrow K^* \gamma$ in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 109, 152003.	4.7	5
371	Search for Dark Matter in Events with One Jet and Missing Transverse Energy in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 211804.	7.8	73
372	Study of substructure of high transverse momentum jets produced in proton-antiproton collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	4.7	37
373	Search for standard model Higgs boson production in association with a W boson using a matrix element technique at CDF in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	4.7	9
374	Search for anomalous production of multiple leptons in association with W and Z bosons at CDF. Physical Review D, 2012, 85, .	4.7	5
375	Combination of CDF and D0 measurements of the W boson helicity in top quark decays. Physical Review D, 2012, 85, .	4.7	36
376	Search for heavy metastable particles decaying to jet pairs in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	4.7	15
377	Search for a Heavy Particle Decaying to a Top Quark and a Light Quark in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 211805.	7.8	14
378	Measurement of the Difference in CP-Violating Asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^+ \bar{K}^-$ Decays at CDF. Physical Review Letters, 2012, 109, 111801.	7.8	88

#	ARTICLE	IF	CITATIONS
379	Measurement of the Bottom-Strange Meson Mixing Phase in the Full CDF Data Set. Physical Review Letters, 2012, 109, 171802.	7.8	62
380	Novel inclusive search for the Higgs boson in the four-lepton final state at CDF. Physical Review D, 2012, 86, .	4.7	7
381	Measurements of the Angular Distributions in the Decays $B \rightarrow K^* \ell^+ \ell^-$ at CDF. Physical Review Letters, 2012, 108, 081807.	7.8	108
382	Search for the standard model Higgs boson produced in association with a W boson with 7.5 fb^{-1} integrated luminosity at CDF. Physical Review D, 2012, 86, .	4.7	8
383	Search for the Standard Model Higgs Boson Decaying to bb Pair in Events with One Charged Lepton and Large Missing Transverse Energy Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111804.	7.8	27
384	Search for a Dark Matter Candidate Produced in Association with a Single Top Quark in pp Collisions at $\sqrt{s} = 1.96 \text{ TeV}$. Physical Review Letters, 2012, 108, 201802.	7.8	19
385	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
386	Combined Search for the Standard Model Higgs Boson Decaying to $b\bar{b}$ Pair Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111802.	7.8	28
387	Measurement of the WZ cross section and triple gauge couplings in pp collisions at $\sqrt{s} = 1.96 \text{ TeV}$. Physical Review Letters, 2012, 108, 201801.	4.7	28
388	Measurement of $B_s \rightarrow D_s^* \ell^+ \ell^-$ Branching Ratios. Physical Review Letters, 2012, 108, 201801.	7.8	18
389	Measurement of CP-violation asymmetries in $D \rightarrow K S_0 \ell^+ \ell^-$. Physical Review D, 2012, 86, .	4.7	13
390	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
391	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. Physical Review D, 2012, 86, .	4.7	17
392	Evidence for the Charmless Annihilation Decay Mode $B \rightarrow s_0 \ell^+ \ell^-$ at CDF. Physical Review Letters, 2012, 108, 211803.	7.8	38
393	Search for scalar top quark production in pp collisions at $\sqrt{s} = 1.96 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	16
394	Measurement of the branching fraction $B(B \rightarrow c \ell^+ \ell^-)$ at CDF. Physical Review D, 2012, 85, .	4.7	6
395	Search for WZ production with missing transverse energy at CDF. Physical Review Letters, 2012, 108, 081807.	4.7	6
396	Search for standard model Higgs boson production in association with a W boson at CDF. Physical Review D, 2012, 85, .	4.7	3

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397	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
398	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
399	Search for Higgs bosons produced in association with quarks. Physical Review D, 2012, 85, .	4.7	28
400	Measurement of the CP-violating phase $\arg(V_{cb} V_{cs}^*)$ in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review D, 2012, 85, .	4.7	34
401	Measurement of the masses and widths of the bottom baryons Λ_b^0 and Σ_b^0 . Physical Review D, 2012, 85, .	4.7	22
402	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
403	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
404	Search for the standard model Higgs boson produced in association with a Z boson in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	4.1	2
405	Search for Higgs bosons produced in association with a Z boson in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	4.1	14
406	Precise Measurement of the W-Boson Mass with the CDF II Detector. Physical Review Letters, 2012, 108, 151803.	7.8	106
407	Search for Higgs bosons produced in association with a Z boson in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	4.1	0
408	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
409	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. Physical Review D, 2011, 83, .	4.7	16
410	Measurement of branching ratio and CP violation in the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review D, 2011, 84, .	4.7	51
411	Top quark mass measurement using the template method at CDF. Physical Review D, 2011, 83, .	4.7	24
412	Measurement of spin correlation in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review D, 2011, 83, .	4.7	45
413	Search for Higgs bosons produced in association with a Z boson in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 191801.	7.8	74
414	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

#	ARTICLE	IF	CITATIONS
415	Search for the Higgs boson in the all-hadronic final state using the CDF II detector. Physical Review D, 2011, 84, .	4.7	4
416	Search for resonant production of $\tilde{t}\tilde{t}^*$ pairs in $\tilde{t}\tilde{t}^*$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 83, .	4.7	17
417	Measurement of event shapes in $\tilde{t}\tilde{t}^*$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 83, .	4.7	13
418	Measurement of $\tilde{t}\tilde{t}^*$ production cross section with an in situ calibration of b-jet identification efficiency. Physical Review D, 2011, 83, .	4.7	5
419	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. Physical Review D, 2011, 83, .	4.7	238
420	Improved determination of the sample composition of dimuon events produced in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. European Physical Journal C, 2011, 71, 1.	3.9	1
421	Measurement of the top quark mass in the $\tilde{t}\tilde{t}^*$ decay. Physical Review Letters, 2011, 107, 261801.	4.1	10
422	Measurement of the Forward-Backward Asymmetry in the $B\rightarrow K^*\tilde{t}\tilde{t}^*$ Decay and First Observation of the $B\rightarrow K^*\tilde{t}\tilde{t}^*$ Decay. Physical Review Letters, 2011, 106, 161801.	7.8	45
423	Search for a heavy particle $\tilde{t}\tilde{t}^*$ in $\tilde{t}\tilde{t}^*$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 261801.	7.8	32
424	Invariant Mass Distribution of Jet Pairs Produced in Association with a W Boson in $\tilde{t}\tilde{t}^*$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 106, 171801.	7.8	108
425	Measurement of the $\tilde{t}\tilde{t}^*$ lifetime using a simulation free approach for trigger bias correction. Physical Review D, 2011, 83, .	4.7	8
426	Search for a new heavy gauge boson W' with event signature $e^+e^- \rightarrow e^+W' \rightarrow e^+e^- + \text{jet}$. Physical Review Letters, 2011, 107, 261801.	4.7	24
427	Measurement of $\tilde{t}\tilde{t}^*$ production cross section in $\tilde{t}\tilde{t}^*$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 261801.	7.8	54
428	Measurement of $\tilde{t}\tilde{t}^*$ production cross section in $\tilde{t}\tilde{t}^*$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 261801.	7.8	31
429	Search for new heavy particles decaying to $Z\tilde{t}\tilde{t}^*$ in $\tilde{t}\tilde{t}^*$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 83, .	7.8	24
430	Search for new heavy particles decaying to $Z\tilde{t}\tilde{t}^*$ in $\tilde{t}\tilde{t}^*$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 83, .	4.7	7
431	Measurement of the top pair production cross section in the $\tilde{t}\tilde{t}^*$ decay. Physical Review Letters, 2011, 107, 261801.	4.7	10
432	Search for resonant production of $\tilde{t}\tilde{t}^*$ in $\tilde{t}\tilde{t}^*$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 261801.	4.7	14

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433	Measurement of the production cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 272001.	4.7	6
434	Measurement of the B_s^0 Lifetime in Fully and Partially Reconstructed $B_s^0 \rightarrow D_s^{\pm} \ell^{\mp} \bar{\nu}_\ell$ Decays in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 272001.	7.8	13
435	First Search for Multijet Resonances in $p\bar{p}$ Collisions. Physical Review Letters, 2011, 107, 261802.	7.8	37
436	Measurement of the Cross Section for Prompt Isolated Diphoton Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	7.8	7
437	Measurement of Polarization and Search for CP Violation in $B_s^0 \rightarrow \ell^{\pm} \bar{\nu}_\ell$ Decays. Physical Review Letters, 2011, 107, 261802.	7.8	32
438	Limits on Anomalous Trilinear Gauge Couplings in $Z \rightarrow \ell^{\pm} \ell^{\mp}$ Events from $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	7.8	26
439	Measurement of the Angular Coefficients of $Drell-Yan$ $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	7.8	25
440	First Measurement of the Angular Coefficients of $Drell-Yan$ $p\bar{p}$ Collisions in the $Z \rightarrow \ell^{\pm} \ell^{\mp}$ Mass Region from $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	7.8	48
441	Evidence for $t\bar{t}$ production and measurement of $\sigma_{t\bar{t}}$. Physical Review D, 2011, 84, .	4.7	24
442	Measurement of the cross section for prompt isolated diphoton production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .	4.7	31
443	Search for Odd Higgs Boson in Top Quark Decays from $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	7.8	16
444	Observation of the Baryonic Flavor-Changing Neutral Current Decay $\Lambda_b^0 \rightarrow \Lambda^0 \bar{K}^0$. Physical Review Letters, 2011, 107, 201802.	7.8	121
445	Search for $B \rightarrow s \ell^{\pm} \ell^{\mp}$ Decays from $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	7.8	37
446	Observation of $B_s^0 \rightarrow \ell^{\pm} K^*(892)^0 \bar{\nu}_\ell$ decays. Physical Review D, 2011, 83, .	4.7	21
447	Measurements of branching fraction ratios and CP-asymmetries in suppressed $B^0 \rightarrow D^0 K^+ K^-$ and $B^0 \rightarrow D^0 K^+ \bar{K}^0$ decays. Physical Review D, 2011, 84, .	4.7	16
448	Search for New Dielectron Resonances and Randall-Sundrum Gravitons at the Collider Detector at Fermilab. Physical Review Letters, 2011, 107, 051801.	7.8	20
449	Top-Quark Mass Measurement Using Events with Missing Transverse Energy and Jets at CDF. Physical Review Letters, 2011, 107, 232002.	7.8	7
450	Measurements of Direct CP-Violating Asymmetries in Charmless Decays of Strange Bottom Mesons and Bottom Baryons. Physical Review Letters, 2011, 106, 181802.	7.8	50

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451	Observation of the χ_{c0} production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102001.		
452	Measurement of the Mass Difference between t and \bar{t} Quarks. Physical Review Letters, 2011, 106, 152001.	7.8	25
453	Search for New Physics in High p_T Dilepton Events at CDF II. Physical Review Letters, 2011, 107, 181801.	7.8	22
454	Search for High Mass Resonances Decaying to Muon Pairs in $p\bar{p}$ Collisions. Physical Review Letters, 2011, 106, 121801.	7.8	34
455	Study of multi-muon events produced in $p\bar{p}$ interactions at $\sqrt{s}=1.96$ TeV. European Physical Journal C, 2010, 68, 109-118.	3.9	5
456	Comments and Reply on: "Study of multi-muon events produced in $p\bar{p}$ interactions at $\sqrt{s}=1.96$ TeV". T. Aaltonen et al. (The CDF Collaboration). European Physical Journal C, 2010, 68, 119-123.	3.9	0
457	Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 111802.	4.1	16
458	Measurement of the $t\bar{t}$ production cross section and search for anomalous $t\bar{t}$ production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 111802.	4.1	73
459	Search for Technicolor Particles Produced in Association with a Higgs Boson at CDF. Physical Review Letters, 2010, 104, 111802.	7.8	20
460	Inclusive Search for Standard Model Higgs Boson Production in the WW Decay Channel Using the CDF II Detector. Physical Review Letters, 2010, 104, 061803.	7.8	38
462	Measurement of the b_0 Lifetime in $b_0 \rightarrow \tau^+ \tau^- + i.c.$ Decays in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 102002.	7.8	27
463	Search for the Production of Scalar Bottom Quarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 081802.	7.8	23
464	Search for Pair Production of Supersymmetric Top Quarks in Dilepton Events from $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 251801.	7.8	30
465	Improved Search for a Higgs Boson Produced in Association with $Z\tau^+\tau^-$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 251802.	7.8	9
466	Measurement of the $W+W\bar{W}$ Production Cross Section and Search for Anomalous $WW\tilde{Z}$ and WWZ Couplings in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 78201801.		64
467	Measurement of the $WW+WZ$ Production Cross Section Using the lepton+jets Final State at CDF II. Physical Review Letters, 2010, 104, 101801.	7.8	25
468	Exclusion of an Exotic Top Quark with $\frac{2}{3}$ Electric Charge Using Soft Lepton Tagging. Physical Review Letters, 2010, 105, 101801.	7.8	15

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469	Measurement of W -Boson Polarization in Top-Quark Decay in $pp\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 042002.	7.8	30
470	Search for the Higgs Boson Using Neural Networks in Events with Missing Energy and b -Quark Jets in $pp\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 141801.	7.8	11
471	Measurement of the W -jet Cross Section in Events with a b -Quark Jet in $pp\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 141801.	7.8	49
472	Measurement of the top quark mass and $pp\bar{p}$ - $t\bar{t}$ -cross section in the all-hadronic mode with the CDF II detector. Physical Review D, 2010, 81, .	4.7	25
473	Measurement of the $WW+WZ$ production cross section using a matrix element technique in lepton+jet events. Physical Review D, 2010, 82, .	4.7	10
474	Search for WW and WZ Resonances Decaying to Electron, Missing E_T , and Two Jets in $pp\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 241801.	7.8	27
475	Measurement of the Ratio $\sigma(t\bar{t})/\sigma(Z\gamma^*+e^+e^-)$ and Precise Extraction of the $t\bar{t}$ -Cross Section. Physical Review Letters, 2010, 105, 012001.	7.8	56
476	Search for New Physics with a Dijet Plus Missing E_T Signature in $pp\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 131801.	7.8	10
477	Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events with Missing Transverse Energy at CDF II. Physical Review Letters, 2010, 104, 011801.	7.8	32
478	Search for New Bottomlike Quark Pair Decays $Q\bar{Q}$ in $pp\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 141801.		

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487	Measurement of $Z\bar{3}$ production in $pp\bar{A}$ collisions at $s=1.96\text{ TeV}$. Physical Review D, 2010, 82, .	4.7	8
488	Search for anomalous production of events with two photons and additional energetic objects at CDF. Physical Review D, 2010, 82, .	4.7	14
489	Measurement of the top quark mass in the dilepton channel using $pp\bar{A}$ production cross section in $pp\bar{A}$ collisions	4.7	6
490	The TOTEM detector at LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 62-66.	1.6	12
491	Measurement of the top pair production cross section in the dilepton decay channel in $pp\bar{A}$ collisions at $s=1.96\text{ TeV}$. Physical Review D, 2010, 82, .	4.7	29
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588	Observation of Orbitally Excited B_c Mesons. Physical Review Letters, 2008, 100, 082001.	7.8	80
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593	Observation of the Decay $B_c \rightarrow B_c \gamma$. Physical Review Letters, 2008, 100, 082001.	7.8	106
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603	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow D_s \gamma) / B(B \rightarrow D \gamma)$ and $B(B_s \rightarrow D_s \gamma) / B(B \rightarrow D \gamma)$. Physical Review Letters, 2007, 98, 061802.	7.8	192
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606	Measurement of $f_1(p \rightarrow Z) \cdot B(Z \rightarrow \gamma, \gamma, \gamma)$ in $pp \rightarrow \gamma \gamma$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 75, .	4.7	24
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633	Searches for anomalous triple gauge couplings in e^+e^- collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2007, 76, .	4.7	18
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638	Measurement of the helicity of W bosons in top-quark decays. <i>Physical Review D</i> , 2006, 73, .	4.7	21
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645	Measurement of the b jet cross section in events with a Z boson in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2006, 74, .	4.7	20
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647	Search for anomalous semileptonic decay of heavy flavor hadrons produced in association with a W boson at CDF II. <i>Physical Review D</i> , 2006, 73, .	4.7	3
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