

# 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	<p>Combined Measurement of the Higgs Boson Mass in <math>pp</math> Collisions at <math>\sqrt{s}=7</math> and <math>8</math> TeV with the ATLAS and CMS Experiments. <i>Physical Review Letters</i>, 2015, 114, 191803.</p> <p>Measurement of the <math>J/\psi</math> meson and <math>b</math>-hadron production cross sections in <math>pp</math> collisions at <math>\sqrt{s}=1.96</math> TeV. <i>Physical Review D</i>, 2005, 71, .</p>	7.8	1,062
2	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. <i>European Physical Journal C</i> , 2015, 75, 212.	3.9	541
3	Observation of the Narrow State $X(3872)$ in $J/\psi$ decays in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2004, 93, 072001.	7.8	531
4	Event generator tunes obtained from underlying event and multiparton scattering measurements. <i>European Physical Journal C</i> , 2016, 76, 155.	3.9	499
5	ALEPH: A detector for electron-positron annihilations at LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990, 294, 121-178.	1.6	416
6	Observation of the rare $B_s^0 \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. <i>Nature</i> , 2015, 522, 68-72.	27.8	390
7	Description and performance of track and primary-vertex reconstruction with the CMS tracker. <i>Journal of Instrumentation</i> , 2014, 9, P10009-P10009.	1.2	380
8	Combined measurements of Higgs boson couplings in proton collisions at $\sqrt{s}=13$ TeV. <i>European Physical Journal C</i> , 2019, 79, 421.	3.9	355
9	Observation of the diphoton decay of the Higgs boson and measurement of its properties. <i>European Physical Journal C</i> , 2014, 74, 3076.	3.9	342
10	Performance of the ALEPH detector at LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995, 360, 481-506.	1.6	322
11	Search for dark matter, extra dimensions, and unparticles in monojet events in proton collisions at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , 2015, 75, 235.	3.9	320
12	Observation of $B_s^0 \rightarrow B_s^0$ Oscillations. <i>Physical Review Letters</i> , 2006, 97, 242003.	7.8	311
13	Measurement of the properties of a Higgs boson in the four-lepton final state. <i>Physical Review D</i> , 2014, 89, .	4.7	299
14	Measurement of the $B \rightarrow \mu^+ \mu^-$ Branching Fraction and Search for Evidence for a Narrow Near-Threshold Structure in the $B \rightarrow \mu^+ \mu^-$ Spectrum. <i>Physical Review Letters</i> , 2009, 102, 242002.	7.8	282
15	A measurement of the inclusive $b \rightarrow s \gamma$ branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 429, 169-187.	4.1	259
16	Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and $W$ , $Z$ , and Higgs bosons in $pp$ collisions at 8 TeV. <i>European Physical Journal C</i> , 2014, 74, 3036.	3.9	241

#	ARTICLE	IF	CITATIONS
19	Determination of the number of light neutrino species. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 231, 519-529.	4.1	239
20	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. Physical Review D, 2011, 83, .	4.7	238
21	Measurement of the $t\bar{t}$ production cross section in $pp\bar{t}\bar{t}$ collisions at $\sqrt{s}=1.96$ TeV using lepton+jets events with secondary vertex b-tagging. Physical Review D, 2005, 71, .	4.7	231
22	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
23	Observation of Electroweak Single Top-Quark Production. Physical Review Letters, 2009, 103, 092002.	7.8	199
24	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
25	Analysis of the Quantum Numbers of the $X(3872)$ Particle. Physical Review Letters, 2007, 98, 132002.	7.8	193
26	Polarizations of $J/\psi$ and $\Upsilon$ and $\Upsilon$ and $\Upsilon$ cross sections in $pp$ collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 542.	7.8	192
27	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
28	Measurements of inclusive $W$ and $Z$ cross sections in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 2457-2544.	3.6	188
29	Forward-Backward Asymmetry in Top-Quark Production in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 95, 111801.	7.8	187
30	Constraints on the spin-parity and anomalous $HVV$ couplings of the Higgs boson in proton collisions at 7 and 8 TeV. Physical Review D, 2015, 92, .	4.7	185
31	Violation in $CP$ Violation in $B \rightarrow K^* \mu^+ \mu^-$ Decays. Physical Review Letters, 2015, 115, 012301.	7.8	179
32	Search for heavy neutrinos and $W$ bosons with right-handed couplings in proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2014, 74, 3149.	3.9	179
33	Evidence for Collective Multiparticle Correlations in $pp$ Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2015, 115, 012301.	7.8	177
34	Search for $B_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ Decays with $pp\bar{t}\bar{t}$ Collisions. Physical Review Letters, 2008, 100, 101802.	7.8	177
35			

#	ARTICLE	IF	CITATIONS
37	Search for invisible decays of Higgs bosons in the vector boson fusion and associated ZH production modes. <i>European Physical Journal C</i> , 2014, 74, 2980.	3.9	171
38	Measurement of Higgs boson production and properties in the WW decay channel with leptonic final states. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	169
39	Search for resonances and quantum black holes using dijet mass spectra in proton-proton collisions at $\sqrt{s}=8\text{ TeV}$ . <i>Physical Review D</i> , 2015, 91, .	4.7	167
40	Search for the standard model Higgs boson produced in association with a $W$ or a $Z$ boson and decaying to bottom quarks. <i>Physical Review Letters</i> , 2014, 113, 251801.	4.7	161
41	Measurement of the prompt charm meson production cross sections in $p\bar{p}$ collisions at $\sqrt{s}=1.96\text{ TeV}$ . <i>Physical Review Letters</i> , 2003, 91, 241804.	7.8	153
42	A precise measurement of $Z$ hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 313, 535-548.	4.1	149
43	Measurement of Prompt Charm Meson Production Cross Sections in $p\bar{p}$ Collisions at $\sqrt{s}=1.96\text{ TeV}$ . <i>Physical Review Letters</i> , 2003, 91, 241804.	7.8	149
44	Measurement of the inclusive jet cross section at the Fermilab Tevatron $p\bar{p}$ collider using a cone-based jet algorithm. <i>Physical Review D</i> , 2008, 78, .	4.7	149
45	Modification of jet shapes in PbPb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 730, 243-263.	7.8	144
46	Measurement of the $B_s^0 \rightarrow B_s^0$ Oscillation Frequency. <i>Physical Review Letters</i> , 2006, 97, 062003.	7.8	141
47	Measurement of the spectral functions of vector current hadronic tau decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997, 76, 15-33.	1.5	140
48	Evidence for transverse-momentum- and pseudorapidity-dependent event-plane fluctuations in PbPb and $p\bar{p}$ collisions. <i>Physical Review C</i> , 2015, 92, .	2.9	140
49	Measurement of higher-order harmonic azimuthal anisotropy in PbPb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . <i>Physical Review C</i> , 2014, 89, .	7.8	139
50	Measurement of higher-order harmonic azimuthal anisotropy in PbPb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . <i>Physical Review C</i> , 2014, 89, .	7.8	133
51	Constraints on the Higgs boson width from off-shell production and decay to Z-boson pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 736, 64-85.	4.1	129
52	Top quark mass measurement using the template method in the $t\bar{t} \rightarrow W^+W^-b\bar{b}$ channel at CDF II. <i>Physical Review D</i> , 2006, 73, .	4.7	124
53	Evidence for the 125 GeV Higgs boson decaying to a pair of $\tau$ , leptons. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	123
54	Precision luminosity measurement in proton-proton collisions at $\sqrt{s} = 13, 14\text{ TeV}$ in 2015 and 2016 at CMS. <i>European Physical Journal C</i> , 2021, 81, 800.	3.9	123

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55	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. Physical Review D, 2013, 87, .	4.7	122
56	Measurement of the Dipion Mass Spectrum in $X(3872) \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ Decays. Physical Review Letters, 2006, 96, 102002.	7.8	121
57	Observation of the Baryonic Flavor-Changing Neutral Current Decay $\Lambda_b^0 \rightarrow \Lambda^0 \pi^+ \pi^-$ . Physical Review Letters, 2011, 107, 201802.	7.8	121
58	First Measurement of the Differential Cross Section $d\sigma/dM_{T\bar{T}}$ in $pp \rightarrow T\bar{T}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 222003.	7.8	115
59	Measurement of the inclusive jet cross section using the $k_T$ algorithm in $pp \rightarrow$ collisions at $\sqrt{s} = 1.96$ TeV with the CDF II detector. Physical Review D, 2007, 75, .	4.7	114
60	Combination of Tevatron Searches for the Standard Model Higgs Boson in the $W \rightarrow b\bar{b}$ Mode. Physical Review Letters, 2010, 104, 061802.	7.8	114
61	Search for Narrow Resonances Decaying to Dijets in Proton-Proton Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 94, 091803.	7.8	114
62	Measurement of jet fragmentation in $PbPb$ and $pp$ collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2014, 90, .	2.9	113
63	First Measurements of Inclusive $W$ and $Z$ Cross Sections from Run II of the Fermilab Tevatron Collider. Physical Review Letters, 2005, 94, 091803.	7.8	111
64	Inclusive search for a vector-like $T$ quark with charge $\pm 2/3$ in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 729, 149-171.	4.1	110
65	Combination of the top-quark mass measurements from the Tevatron collider. Physical Review D, 2012, 86, .	4.7	109
66	The TOTEM Experiment at the CERN Large Hadron Collider. Journal of Instrumentation, 2008, 3, S08007-S08007.	1.2	108
67	Invariant Mass Distribution of Jet Pairs Produced in Association with a $W$ Boson in $pp \rightarrow$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 106, 171801.	7.8	108
68	Measurements of the Angular Distributions in the Decays $B \rightarrow K^* \pi^0$ and $B \rightarrow K^* \pi^+$ . Physical Review Letters, 2012, 108, 081807.	7.8	108
69	Observation of the Decay $B \rightarrow W^+ \pi^-$ and $B \rightarrow W^+ \pi^0$ . Physical Review Letters, 2008, 100, 182002.	7.8	108
70	Measurement of the $B \rightarrow W^+ \pi^-$ and $B \rightarrow W^+ \pi^0$ Decays. Physical Review Letters, 2008, 100, 182002.	7.8	106
71	Precise Measurement of the $W$ -Boson Mass with the CDF II Detector. Physical Review Letters, 2012, 108, 151803.	7.8	106
72	Observation of the Heavy Baryons $\Lambda_c^+$ and $\Lambda_b^0$ . Physical Review Letters, 2007, 99, 202001.	7.8	105

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73	A precise determination of the number of families with light neutrinos and of the Z boson partial widths. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 235, 399-411.	4.1	104
74	Search for Charged Higgs Bosons from Top Quark Decays in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 042003.	7.8	103
75	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
76	Search for Charged Higgs Bosons in Decays of Top Quarks in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 103, 101803.	7.8	102
77	Heavy flavour production in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 551-565.	4.1	101
78	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
79	Evidence for $D^0 \rightarrow \pi^+ \pi^-$ Mixing Using the CDF II Detector. Physical Review Letters, 2008, 100, 121802.	7.8	100
80	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
81	Higgs boson studies at the Tevatron. Physical Review D, 2013, 88, .	4.7	98
82	Measurement of the prompt $J/\psi$ and $\Upsilon$ production and $\Upsilon$ production in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 042003.		



#	ARTICLE	IF	CITATIONS
91	Search for a Higgs boson decaying into a Z and a photon in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 587-609.	4.1	89
92	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
93	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
94	Search for the neutral Higgs boson from Z0 decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 233-244.	4.1	87
95	Search for High-Mass Resonances Decaying to Dimuons at CDF. Physical Review Letters, 2009, 102, 091805.	7.8	87
96	Angular analysis of the decay $B^0 \rightarrow K^* \ell^+ \ell^-$ 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
97	Observation and Mass Measurement of the Baryon $\Lambda_b^0$ . Physical Review Letters, 2007, 99, 052002.	7.8	86
98	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
99	Evidence of jet quenching in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 113, 132301.	7.8	85
100	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
101	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
102	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
103	Reconstruction and identification of $\bar{\nu}_\tau$ , lepton decays to hadrons and $\tau \rightarrow \mu \nu_\tau$ at CMS. Journal of Instrumentation, 2016, 11, P01019-P01019.	1.2	85
104	Search for supersymmetric particles using acoplanar charged-particle pairs from Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 86-94.	4.1	83
105	Measurement of the muon charge asymmetry in inclusive Z production in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2016, 116, 021801.	4.7	83
106	Measurement of the muon charge asymmetry in inclusive Z production in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2016, 116, 021801.	4.7	83
107	Measurement of the differential cross section and charge asymmetry for inclusive $W \rightarrow \mu \nu_\mu$ production at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 469.	3.9	83
108	Measurement of Bottom-Quark Hadron Masses in Exclusive $B \rightarrow \mu \nu_\mu$ Decays with the CDF Detector. Physical Review Letters, 2006, 96, 202001.	7.8	82

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109	Suppression and azimuthal anisotropy of prompt and nonprompt $\psi/\psi'$ production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 252.	3.9	82
110	Search for Large Extra Dimensions in Final States Containing One Photon or Jet and Large Missing Transverse Energy Produced in $pp$ collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	7.8	81
111	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
112	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
113	Observation of Orbitally Excited $B_s$ Mesons. Physical Review Letters, 2008, 100, 082001.	7.8	80
114	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
115	Observation of Exclusive Electron-Positron Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 98, 112001.	7.8	79
116	Search for a non-minimal Higgs boson produced in the reaction $\hat{t}\bar{t}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 312-325.	4.1	78
117	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
118	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
119	A search for new quarks and leptons from $Z^0$ decay at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 511-522.	4.1	77
120	Observation of single top quark production and measurement of $ V_{tb} $ with CDF. Physical Review D, 2010, 82, .	4.7	77
121	Determination of the top-quark pole mass and strong coupling constant from the $W$ -boson production cross section in $pp$ collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	77
122	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
123	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
124	Study of jet shapes in inclusive jet production in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2005, 71, .	4.7	76
125	Evidence for the Exclusive Decay $B_c \rightarrow \tau^+ \nu_\tau$ and Measurement of the Mass of the $B_c$ Meson. Physical Review Letters, 2006, 96, 082002.	7.8	76
126	Measurement of the cross section for $W$ -boson production in association with jets in $pp$ collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	76



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127	Search for Top-Quark Partners with Charge $\langle \text{mml:mrow} \langle \text{mml:mn} \rangle 5 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ in the Same-Sign Dilepton Final State. <i>Physical Review Letters</i> , 2014, 112, 171801.	7.8	76
128	An upper limit for the $\tilde{L}$ , neutrino mass from $\tilde{L}, \hat{\nu}^{\prime} 5 \tilde{L} (\tilde{L} \in 0) \hat{1} / 2 \tilde{L}$ , decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 349, 585-596.	4.1	75
129	Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	75
130	Search for the neutral Higgs Boson from Z0 decay in the Higgs mass range between 11 and 24 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 241, 141-149.	4.1	74
131	Search for New Bottomlike Quark Pair Decays $\langle \text{mml:mi} \rangle Q \langle \text{mml:mover} \text{accent} = \text{"true"} \rangle \langle \text{mml:mi} \rangle Q \langle \text{mml:mo} \rangle \hat{A}^{-} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mo} \rangle \hat{\nu}^{\prime} \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle$		

#	ARTICLE	IF	CITATIONS
145	Search for anomalous production of events with three or more leptons in $pp$ collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	70
146	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
147	Search for long-lived particles that decay into final states containing two electrons or two muons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2015, 91, .	4.7	70
148	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
149	Measurement of the forward-backward charge asymmetry from $W\tau^+\tau^-$ production in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2005, 71, .	4.7	69
150	Search for $Z\tau^+\tau^-e^+e^-$ Using Dielectron Mass and Angular Distribution. Physical Review Letters, 2006, 96, 211801.	7.8	69
151	Search for New Physics in High-Mass Electron-Positron Events in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 99, 171802.	7.8	69
152	Inclusive Search for Squark and Gluino Production in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 121801.	7.8	69
153	Search for neutralino and chargino production in channels with Higgs bosons in $pp$ collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	69
154	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
155	Measurement of the differential and double-differential Drell-Yan cross sections in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	68
156	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
157	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 $\sqrt{s} = 7$ TeV. European Physical Journal C, 2019, 79, 368.	3.9	68
158	Search for a standard model-like Higgs boson in the $pp \rightarrow Z\tau^+\tau^-$ channel. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 744, 184-207.	4.1	67
159	Measurements of $ V_{cb} $ , form factors and branching fractions in the decays $B \rightarrow D^*e^+e^-$ and $B \rightarrow D^*\mu^+\mu^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 395, 373-387.	4.1	66
160	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
161	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
162	Search for neutral Higgs bosons from supersymmetry in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 237, 291-302.	4.1	64

#	ARTICLE	IF	CITATIONS
163	Measurement of particle production and inclusive differential cross sections in $pp \rightarrow t\bar{t} + \text{collisions}$ at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 7.8	4.7	64
164	Measurement of the $W+W\bar{W}$ Production Cross Section and Search for Anomalous $WW\tilde{Z}$ and $WWZ$ Couplings in $pp \rightarrow t\bar{t} + \text{collisions}$ at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 7.8	7.8	64
165	Search for Flavor-Changing Neutral Currents in Top-Quark Decays $t \rightarrow c + \text{collisions}$ at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 222002.	7.8	64
166	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
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298	Quark and gluon jet properties in symmetric three-jet events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 353-364.	4.1	40
299	Search for New Physics Using High-Mass Tau Pairs from $1.96$ TeV $pp \rightarrow \tau^+ \tau^-$ Collisions. Physical Review Letters, 2005, 95, 131801.	7.8	40
300	Model-independent and quasi-model-independent search for new physics at CDF. Physical Review D, 2008, 78, .	4.7	40
301	Measurement of Resonance Parameters of Orbitally Excited Narrow Mesons. Physical Review Letters, 2009, 102, 102003.	7.8	40
302	Search for the Decays $B(s) \rightarrow e^+ e^- \tau^+ \tau^-$ and $B(s) \rightarrow e^+ e^- \mu^+ \mu^-$ in CDF Run II. Physical Review Letters, 2009, 102, 201801.	7.8	40
303	Measurement of four-jet production in proton-proton collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2014, 89, .	4.7	40
304	Measurement of the $t \bar{t}$ production cross section using events in the $e^+ e^- \tau^+ \tau^-$ final state in $pp$ collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 172.	3.9	40
305	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 378.	3.9	40
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308	Measurement of the cross section for $t\bar{t}$ production in $pp\bar{p}$ collisions using the kinematics of lepton+jets events. Physical Review D, 2005, 72, .	4.7	39
309	Direct Search for Dirac Magnetic Monopoles in $pp\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 201801.	7.8	39
310	Measurement of Lifetime and Decay-Width Difference in $B_s^0 \rightarrow \bar{D}^+ D^-$ Decays. Physical Review Letters, 2008, 100, 121803.	7.8	39
311	Precision Top-Quark Mass Measurement at CDF. Physical Review Letters, 2012, 109, 152003.	7.8	39
312	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
313	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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315	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
316	Evidence for the Charmless Annihilation Decay Mode $B \rightarrow s \gamma$ . Physical Review Letters, 2012, 108, 211803.	7.8	38
317	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
318	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
319	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying $t$ , leptons at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	38
320	Measurement of charge asymmetry in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 259, 377-388.	4.1	37
321	Observation of the time dependence of mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 498-508.	4.1	37
322	Search for electroweak single-top-quark production in $pp\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	4.7	37
323	Top Quark Mass Measurement in the $lepton + jets$ Channel Using a Matrix Element Method	7.8	37
324	First Search for Multijet Resonances in $pp\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 042001.	7.8	37



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326	<p>Measurement of the production cross section for a W boson and two b jets in pp collisions at <math>\sqrt{s} = 7</math> and 8 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 204-225.</p>	4.7	37
327	<p>Searches for third-generation squark production in fully hadronic final states in proton-proton collisions at <math>\sqrt{s} = 8</math> TeV. Journal of High Energy Physics, 2015, 2015, 1.</p>	4.7	37
328	<p>Measurement of the WZ production cross section in pp collisions at <math>\sqrt{s} = 7</math> and 8 TeV and search for anomalous triple gauge couplings at <math>\sqrt{s} = 8</math> TeV. European Physical Journal C, 2017, 77, 236.</p>	3.9	37
329	<p>Evidence for b baryons in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 278, 209-216.</p>	4.1	36
332	<p>Search for <math>B_s \rightarrow \tau^+ \nu_\tau + \ell^+ \nu_\ell</math> and <math>B_d \rightarrow \tau^+ \nu_\tau + \ell^+ \nu_\ell</math> Decays in pp Collisions with CDF II. Physical Review Letters, 2005, 95, 221803.</p>	7.8	36
333	<p>Observation of WZ Production. Physical Review Letters, 2007, 98, 161801.</p>	7.8	36
334	<p>Combination of CDF and D0 measurements of the W boson helicity in top quark decays. Physical Review D, 2012, 85, 112001.</p>	4.7	36
335	<p>Measurement of the Cross Section for Prompt Isolated Diphoton Production Using the Full CDF Run II Data Sample. Physical Review Letters, 2013, 110, 101801.</p>	7.8	36
336	<p>Searches for light- and heavy-flavour three-jet resonances in pp collisions at <math>\sqrt{s} = 7</math> and 8 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 204-225.</p>	4.1	36
337	<p>Search for Monotop Signatures in Proton-Proton Collisions at <math>\sqrt{s} = 8</math> TeV. Physical Review Letters, 2015, 114, 101801.</p>	7.8	36
338	<p>Measurement of the branching ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 479-491.</p>	4.1	35
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340	<p>A measurement of Rb using a lifetime-mass tag. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 150-162.</p>	4.1	35
341	<p>Searches for light- and heavy-flavour three-jet resonances in pp collisions at <math>\sqrt{s} = 7</math> and 8 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 204-225.</p>	4.7	35
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344	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV} TeV. European Physical Journal C, 2021, 81, 488.	3.9	35
345	Observation of the semileptonic decays of $B^0$ and $B^+$ hadrons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 294, 145-156.	4.1	34
346	Measurement of the Cross Section for Prompt Diphoton Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 95, 022003.	7.8	34
347	Measurement of the $\Upsilon$ -production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using lepton plus jets events with semileptonic decays to muons. Physical Review D, 2005, 72, .	4.7	34
348	Search for High Mass Resonances Decaying to Muon Pairs in $p\bar{p}$ Collisions. $\sqrt{s} = 1.96$ TeV. Physical Review D, 2005, 72, .	7.8	34
349	Search for $\Upsilon$ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using lepton plus jets events with semileptonic decays to muons. Physical Review D, 2005, 72, .	4.7	34
350	Searches for anomalous quartic gauge couplings in $p\bar{p}$ collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	34
351	Searches for supersymmetry using the $M_{T2}$ variable in hadronic events produced in $p\bar{p}$ collisions at 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	34
352	Measurement of the Top Quark Pair Production Cross Section in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2016, 116, 052002.	7.8	34
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356	Search for single production of vector-like quarks decaying to a top quark and a $W$ boson in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV} TeV. European Physical Journal C, 2019, 79, 90.	3.9	34
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358	Inclusive production of neutral vector mesons in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1996, 69, 379-392.	1.5	33
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362	Search for Resonant Top-Antitop Production in the Lepton Plus Jets Decay Mode Using the Full CDF Data Set. <i>Physical Review Letters</i> , 2013, 110, 121802.	7.8	33
363	Search for supersymmetry in the multijet and missing transverse momentum final state in pp collisions at 13 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 758, 152-180.	4.1	33
364	Search for dark matter produced in association with a leptonically decaying $Z$ boson in proton-proton collisions at $\sqrt{s}=13$ , ext {TeV}. <i>European Physical Journal C</i> , 2021, 81, 13.	3.9	33
365	Search for top squark pair production using dilepton final states in $pp$ collision data collected at $\sqrt{s}=13$ , ext {TeV}. <i>European Physical Journal C</i> , 2021, 81, 3.	3.9	33
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370	Measurement of $W^+Z$ and $Z^0Z$ Production in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2005, 94, 041803.	7.8	32
371	Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events with Missing Transverse Energy at CDF II. <i>Physical Review Letters</i> , 2010, 104, 011801.	7.8	32
372	Search for a Heavy Toplike Quark in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011, 107, 261801.	7.8	32
373	Measurement of Polarization and Search for CP Violation in $B_s \rightarrow \tilde{\nu} \tilde{\nu}$ Decays. <i>Physical Review Letters</i> , 2011, 107, 261802.	7.8	32
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382	Measurement of the moments of the hadronic invariant mass distribution in semileptonic B decays. Physical Review D, 2005, 71, .	4.7	31
383	Search for High-Mass Resonances Decaying to $e^+e^-$ in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 211802.	7.8	31
384	Precision Top-Quark Mass Measurement in the Lepton+Jets Topology in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 022004.	7.8	31
385	Search for Heavy Top-like Quarks Using Lepton Plus Jets Events in $1.96$ TeV $pp$ Collisions. Physical Review Letters, 2008, 100, 161803.	7.8	31
386	Measurement of Hadron Lifetimes in Exclusive Decays Containing a $J/\psi$ . Physical Review Letters, 2008, 100, 161803.	7.8	31
387	Measurement of $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, 032004.	4.7	31
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389	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
390	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
391	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
392	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
393	Measurement of B- mixing at the Z. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 258, 236-246.	4.1	30
394	A direct measurement of the invisible width of the Z from single photon counting. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 520-534.	4.1	30
395	Study of the subjet structure of quark and gluon jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 389-398.	4.1	30
396	Measurement of the $B_s^0$ lifetime and production rate with $D_s^+ D_s^-$ combinations in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 361, 221-233.	4.1	30

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399	A measurement of Rb using mutually exclusive tags. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 163-175.	4.1	30
400	Study of muon-pair production at centre-of-mass energies from 20 to 136 GeV with the ALEPH detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 399, 329-341.	4.1	30
401	Measurements of the structure of quark and gluon jets in hadronic Z decays. European Physical Journal C, 2000, 17, 1-18.	3.9	30
402	Search for Excited and Exotic Electrons in the $\tau^3$ Decay Channel in $pp^{\bar{c}}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 94, 101802.	7.8	30
403	Search for new particles leading to jets and final states in $pp^{\bar{c}}$ collisions	4.7	30
404	Measurement of ratios of fragmentation fractions for bottom hadrons in $pp^{\bar{c}}$ collisions	4.7	30
405	Strong Evidence for ZZ Production in $pp^{\bar{c}}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 201801.	7.8	30
406	Search for Pair Production of Supersymmetric Top Quarks in Dilepton Events from $pp^{\bar{c}}$ Collisions	7.8	30
407	Measurement of W-Boson Polarization in Top-Quark Decay in $pp^{\bar{c}}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 042002.	7.8	30
408	Observation of Exclusive $\tau^3$ Production in $pp^{\bar{c}}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 081801.	7.8	30
409	Measurement of the W-boson helicity in top-quark decays from $\overline{t} \rightarrow b \gamma$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	30
410	Search for neutral MSSM Higgs bosons decaying into a pair of bottom quarks. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
411	Measurement of the W-boson helicity in top-quark decays from $\overline{t} \rightarrow b \gamma$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	30
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414	Inclusive and differential measurements of the $B \rightarrow \tau \nu$ charge asymmetry in pp collisions	4.1	30

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417	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s} = 1.96 \text{ TeV}$ using kinematic fitting of b-tagged lepton+jet events. Physical Review D, 2005, 71, .	4.7	29
418	Measurement of the Top-Quark Mass in All-Hadronic Decays in pp Collisions at CDF II. Physical Review Letters, 2007, 98, 142001.	7.8	29
419	Precision measurement of the top-quark mass from dilepton events at CDF II. Physical Review D, 2007, 75, .	4.7	29
420	Measurement of cross sections for b jet production in events with a Z boson in pp collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review D, 2009, 79, .	4.7	29
421	Measurement of the top pair production cross section in the dilepton decay channel in pp collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review D, 2010, 82, .	4.7	29
422	Measurement of inclusive jet production and nuclear modifications in pPb collisions at $\sqrt{s_{NN}} = 5.02, \text{mathrm}\{\text{TeV}\}$ $s_{NN}$ . European Physical Journal C, 2016, 76, 372.	3.9	29
423	Correlations between jets and charged particles in PbPb and pp collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
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428	Measurement of the W mass in $e^+e^-$ collisions at production threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 347-362.	4.1	28
429	Search for Long-Lived Doubly Charged Higgs Bosons in pp Collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review Letters, 2005, 95, 071801.	7.8	28
430	Search for a Fermiophobic Higgs Boson Decaying into Diphotons in pp Collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review Letters, 2009, 103, 061803.	7.8	28
431	Observation of the $\chi_{c0}$ $\rightarrow$ $b\bar{b}$ decay. Physical Review Letters, 2011, 107, 102001.		
432	Combined Search for the Standard Model Higgs Boson Decaying to a $b\bar{b}$ Pair Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111802.	7.8	28



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434	Search for Higgs bosons produced in association with quarks. <i>Physical Review D</i> , 2012, 85, .	4.7	28
435	Search for $\overline{b}b$ production in the $\overline{b}b$ decay channel with leptonic $\overline{b}b$ decays in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	28
436	Measurements of differential Z boson production cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	28
437	Measurement of mixing at the Z using a jet-charge method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 284, 177-190.	4.1	27
438	Measurement of the ratio using event shape variables. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 313, 549-563.	4.1	27
439	Correlation measurements in $Z \rightarrow \tau^+ \tau^-$ and the $\tau$ neutrino helicity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 321, 168-176.	4.1	27
440	Searches for direct pair production of supersymmetric top and supersymmetric bottom quarks in $pp \rightarrow \tilde{t}\tilde{t}^*$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2007, 76, .	4.7	27
441	Measurement of the $b \rightarrow c$ decays in $pp \rightarrow \tilde{t}\tilde{t}^*$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2010, 104, 102002.	7.8	27
442	Search for $W$ and $WZ$ resonances decaying to electron, missing energy, and two jets in $pp \rightarrow \tilde{t}\tilde{t}^*$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2010, 104, 241801.	7.8	27
443	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. <i>Physical Review Letters</i> , 2012, 109, 111804.	7.8	27
444	Study of Z production in PbPb and pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV in the dimuon and dielectron decay channels. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	27
445	Search for anomalous single top quark production in association with a photon in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	27
446	Search for single production of scalar leptoquarks in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review D</i> , 2016, 93, .	4.7	27
447	Transverse momentum spectra of inclusive b jets in pp collisions at $\sqrt{s} = 13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 354, 59-66.	4.1	27
448	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. <i>European Physical Journal C</i> , 2018, 78, 291.	3.9	27
449	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	27
450	Measurement of isolated photon production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 264, 476-486.	4.1	26



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453	Precise Measurement of the Top-Quark Mass in the Lepton+Jets Topology at CDF II. Physical Review Letters, 2007, 99, 182002.	7.8	26
454	Limits on Anomalous Trilinear Gauge Couplings in $pp \rightarrow Z \gamma \gamma$ Events from $pp \rightarrow Z \gamma \gamma$ Collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	7.8	26
455	Search for Pair Production of Strongly Interacting Particles Decaying to Pairs of Jets in $pp \rightarrow \gamma \gamma$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 111, 031802.	7.8	26
456	Search for $W \rightarrow \tau \nu$ 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
457	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
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461	Four-jet final state production in $m_{e^+e^-}$ collisions at centre-of-mass energies of 130 and 136 GeV. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 179-197.	1.5	25
462	Measurement of the $W+W^*$ Production Cross Section in $pp \rightarrow \gamma \gamma$ Collisions at $\sqrt{s} = 1.96$ TeV using Dilepton Events. Physical Review Letters, 2005, 94, 211801.	7.8	25
463	Top-Quark Mass Measurement from Dilepton Events at CDF II. Physical Review Letters, 2006, 96, 152002.	7.8	25
464	Measurement of the helicity fractions of W bosons from top quark decays using fully reconstructed $t\bar{t}$ events with CDF II. Physical Review D, 2007, 75, .	4.7	25
465	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
466	Measurement of the $W+WZ$ Production Cross Section Using the lepton+jets Final State at CDF II. Physical Review Letters, 2010, 104, 101801.	7.8	25
467	Measurement of the top quark mass and $pp \rightarrow t\bar{t}$ cross section in the all-hadronic mode with the CDF II detector. Physical Review D, 2010, 81, .	4.7	25
468	Search for Production of Heavy Particles Decaying to Top Quarks and Invisible Particles in $pp \rightarrow Z \gamma \gamma$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 106, 191801.	7.8	25

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470	Search for the Standard Model Higgs Boson Decaying to $ab$ Pair in Events with Two Oppositely Charged Leptons Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111803.	7.8	25
471	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
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473	Search for high-mass resonances in final states with a lepton and missing transverse momentum at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	25
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476	Measurements of the charged particle multiplicity distribution in restricted rapidity intervals. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 15-25.	1.5	24
477	Search for first-generation scalar leptoquarks in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2005, 72, 072001.	4.7	24
478	Top quark mass measurement from dilepton events at CDF II with the matrix-element method. Physical Review D, 2006, 74, .	4.7	24
479	Measurement of the $pp \rightarrow t\bar{t}$ production cross section and the top quark mass at $\sqrt{s} = 1.96$ TeV in the all-hadronic decay mode. Physical Review D, 2007, 76, .	4.7	24
480	Measurement of the $b$ lifetime in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 122001.	7.8	24
481	Measurement of $f_1(p \rightarrow Z) \cdot B(Z \rightarrow \ell, \bar{\ell})$ in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 75, .	4.7	24
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485	Search for a new heavy gauge boson $W'$ with event signature $W' \rightarrow T + \text{jet} + \text{MET}$ . Physical Review Letters, 2011, 107, 101801.	4.7	24
486	Search for New Particles in Final States with Large Jet Multiplicities and Missing Transverse Energy in $pp \rightarrow p + \text{jet} + \text{MET}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 101802.	7.8	24

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489	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
490	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
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492	Measurement of the charge asymmetry in top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	24
493	Search for dark matter and top particles produced in association with a Z boson in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2016, 93, .	4.7	24
494	Measurements of $\sigma(\text{pp} \rightarrow \text{ZZ})$ production cross sections and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13, 8$ TeV. European Physical Journal C, 2021, 81, 200.	3.9	24
495	Search for pair-production of long-lived heavy charged particles in $e^+e^-$ annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 405, 379-388.	4.1	23
496	Improved measurement of the $B^0 - \bar{B}^0$ oscillation frequency. Zeitschrift für Physik C-Particles and Fields, 1997, 75, 397-407.	1.5	23
497	Search for anomalous production of diphoton events with missing transverse energy at CDF and limits on gauge-mediated supersymmetry-breaking models. Physical Review D, 2005, 71, .	4.7	23
498	Measurement of $\sigma(\text{pp} \rightarrow \text{bb})$ in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 98, 122002.	7.8	23
499	Measurement of correlated $\text{bb}$ production in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2008, 77, .	4.7	23
500	Search for the Production of Scalar Bottom Quarks in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 081802.	7.8	23
501	Measurement of the top quark mass in the dilepton channel using a template method. Physical Review D, 2016, 93, .	4.7	23
502	Search for excited quarks in the $t\bar{t}$ channel 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
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507	Measurement of the triple-differential dijet cross section in proton-proton collisions at $\sqrt{s}=8\text{ TeV}$ and constraints on parton distribution functions. European Physical Journal C, 2017, 77, 746.	3.9	23
508	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 $\sqrt{s}=13\text{ TeV}$ . European Physical Journal C, 2020, 80, 752.	3.9	23
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510	Search for CP violation in the decay $Z \rightarrow \bar{l}l, \tau\tau$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 371-378.	4.1	22
511	Search for excited leptons at $130\text{--}140\text{ GeV}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 385, 445-453.	4.1	22
512	A measurement of the gluon splitting rate into pairs in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 437-450.	4.1	22
513	Measurement of the top quark mass with the dynamical likelihood method using lepton plus jets events with b-tags in pp collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review D, 2006, 73, .	4.7	22
514	Search for $V+A$ Current in Top-Quark Decays in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review Letters, 2007, 98, 072001.	7.8	22
515	Search for Heavy Long-Lived Particles that Decay to Photons at CDF II. Physical Review Letters, 2007, 99, 121801.	7.8	22
516	Search for Maximal Flavor Violating Scalars in Same-Charge Lepton Pairs in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review Letters, 2009, 102, 041801.	7.8	22
517	Search for a Higgs Boson Decaying to Two W Bosons at CDF. Physical Review Letters, 2009, 102, 021802.	7.8	22
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520	Measurements of the top-quark mass using charged particle tracking. Physical Review D, 2010, 81, .	4.7	22
521	Search for New Physics in High $L_{\text{int}} \times \sigma$ Like-Sign Dilepton Events at CDF II. Physical Review Letters, 2011, 107, 181801.	7.8	22
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525	Search for direct pair production of supersymmetric partners to the $\tau$ lepton in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 189.	3.9	22
526	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
527	Measurement of the tau lepton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 279, 411-421.	4.1	21
528	Search for particles with unexpected mass and charge in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 303, 198-208.	4.1	21
529	Low contrast imaging with a GaAs pixel digital detector. IEEE Transactions on Nuclear Science, 2000, 47, 1478-1482.	2.0	21
530	Measurement of the helicity of W bosons in top-quark decays. Physical Review D, 2006, 73, .	4.7	21
531	Search for second-generation scalar leptoquarks in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 73, .	4.7	21
532	First Observation of $B \rightarrow s \gamma$ Decays. Measurement of the Ratio of Branching Fractions $R_{B \rightarrow s \gamma} = \frac{\mathcal{B}(B \rightarrow s \gamma)}{\mathcal{B}(B \rightarrow e^+ e^- \gamma)}$ . Physical Review Letters, 2009, 103, 191802.	4.7	21
533	Observation of $B_s \rightarrow J/\psi K^* (892) 0$ and $B_s \rightarrow J/\psi K_S 0$ decays. Physical Review D, 2011, 83, .	4.7	21
534	Measurement of $Z \rightarrow Z$ Production in Leptonic Final States at $\sqrt{s}=1.96$ TeV at CDF. Physical Review Letters, 2012, 108, 101801.	7.8	21
535	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
536	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
537	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
538	A study of production in semileptonic B decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 103-114.	4.1	20
539	Measurements of the b baryon lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 685-698.	4.1	20
540	Measurement of hadron and lepton-pair production from $e^+e^-$ annihilation at centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 378, 373-384.	4.1	20



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542	Updated measurement of the $\tau$ , lepton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 362-372.	4.1	20
543	Measurement of the bjet cross section in events with a Z boson in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 74, .	4.7	20
544	Search for $W \rightarrow b$ boson decaying to electron-neutrino pairs in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	4.7	20
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560	Measurement of the $B_s^0$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 275-286.	4.1	19
561	Tau leptonic branching ratios. Zeitschrift für Physik C-Particles and Fields, 1996, 70, 561-577.	1.5	19
562	GaAs pixel radiation detector as an autoradiography tool for genetic studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 422, 242-246.	1.6	19
563	Search for Excited and Exotic Muons in the $\tilde{l}_\tau \rightarrow \tilde{l}_\tau + \tilde{\nu}_\tau$ Decay Channel in $pp \rightarrow \tilde{l}_\tau \tilde{\nu}_\tau$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 191802.	7.8	19
564	Search for a Neutral Higgs Boson Decaying to a $W$ Boson Pair in $pp \rightarrow \tilde{l}_\tau \tilde{\nu}_\tau$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 081802.	7.8	19
565	Search for High-Mass Diphoton States and Limits on Randall-Sundrum Gravitons at CDF. Physical Review Letters, 2007, 99, 171801.	7.8	19
566	Search for the supersymmetric partner of the top quark in $pp \rightarrow \tilde{l}_\tau \tilde{\nu}_\tau$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2010, 82, .	4.7	19
567	Search for a Dark Matter Candidate Produced in Association with a Single Top Quark in $pp \rightarrow \tilde{l}_\tau \tilde{\nu}_\tau$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 201802.	7.8	19
568	Search for $B \rightarrow B^0 + \tilde{l}_\tau + \tilde{\nu}_\tau$ decays in $pp$ collisions at $\sqrt{s} = 7$ and 8 TeV. Physical Review D, 2013, 87, .	4.7	19
569	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. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
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571	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 723.	3.9	19
572	$B^0 \rightarrow B^0 + \tilde{l}_\tau + \tilde{\nu}_\tau$ . European Physical Journal C, 1998, 4, 29.	3.9	19
573	Observation of doubly-charmed $B$ decays at LEP. European Physical Journal C, 1998, 4, 387.	3.9	19
574	Charged particle pair production associated with a lepton pair in $Z$ decays. indication of an excess in the tau channel. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 263, 112-122.	4.1	18
575	A study of single and multi-photon production in $e^+e^-$ collisions at centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 333-342.	4.1	18
576	Use of silicon and GaAs pixel detectors for digital autoradiography. IEEE Transactions on Nuclear Science, 1997, 44, 929-933.	2.0	18

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577	<p>Measurement of the production cross section of <math>W^+W^-</math> pairs in <math>pp</math> collisions at <math>\sqrt{s} = 1.96</math> TeV. Physical Review D, 2007, 76, .</p> <p>Measurement of the <math>b</math>-hadron production cross section using decays to <math>1/4</math> final states in <math>pp</math> collisions at <math>\sqrt{s} = 1.96</math> TeV. Physical Review D, 2009, 79, .</p>	4.7	18
578	Measurement of the $b$ -hadron production cross section using decays to $1/4$ final states in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 79, .	4.7	18
579	Measurement of the production cross section of $W^+W^-$ pairs in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 76, .	4.7	18
580	Measurement of $B_s^0 \rightarrow D_s^* + D_s^*$ Branching Ratios. Physical Review Letters, 2012, 108, 201801.	7.8	18
581	Measurement of the production cross section of $W^+W^-$ pairs in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 76, .	4.7	18
582	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
583	Search for direct pair production of supersymmetric top quarks decaying to all-hadronic final states in $pp$ collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 460.	3.9	18
584	Search for $W \rightarrow \tau \nu$ decaying to tau lepton and neutrino in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 196-216.	4.1	18
585	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
586	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
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589	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
590	Measurement of mass and width of the excited charmed meson states $D_{10}$ and $D_{2^*0}$ at CDF. Physical Review D, 2006, 73, .	4.7	17
591	Measurement of the production cross section of $W^+W^-$ pairs in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 76, .	7.8	17
592	Cross-Section-Constrained Top-Quark Mass Measurement from Dilepton Events at the Tevatron. Physical Review Letters, 2008, 100, 062005.	7.8	17
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594	Search for resonant production of $W^+W^-$ pairs in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 76, .	4.7	17

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596	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
597	Combination of searches for the Higgs boson using the full CDF data set. Physical Review D, 2013, 88, .	4.7	17
598	Measurement of the $B_c$ meson lifetime in the decay $B_c \rightarrow \tau \nu_\tau$ . Physical Review D, 2013, 88, .	4.7	17
599	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
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602	Search for $Z\tilde{\chi}^0$ 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
603	Measurement of charged particle spectra in minimum-bias events from proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 697.	3.9	17
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615	Search for a Very Light Vector Particle Decaying to $\gamma \gamma$ . Physical Review Letters, 2011, 106, 021803.	4.1	16
616	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. Physical Review D, 2011, 83, .	4.7	16
617	Search for a Very Light Higgs Boson in Top Quark Decays from $pp$ Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2011, 106, 021803.	7.8	16
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634	Study of $D_0$ mixing and $D_0$ doubly Cabibbo-suppressed decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 211-221.	4.1	15
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636	Search for Anomalous Production of Multilepton Events in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 131804.	7.8	15
637	Search for heavy, long-lived neutralinos that decay to photons at CDF II using photon timing. Physical Review D, 2008, 78, .	4.7	15
638	Search for Pair Production of Scalar Top Quarks Decaying to a Lepton and a Quark in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 042001.	7.8	15
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641	Exclusion of an Exotic Top Quark with $2/3$ Electric Charge Using Soft Lepton Tagging. Physical Review Letters, 2010, 105, 101801.	7.8	15
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643	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
644	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
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646	Measurement of W-boson polarization in top-quark decay using the full CDF Run II data set. Physical Review D, 2013, 87, .	4.7	15
647	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
648	Search for supersymmetry with razor variables in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2014, 90, .	4.7	15

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657	Observation of charmless hadronic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 471-480.	4.1	14
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662	Search for anomalous production of events with two photons and additional energetic objects at CDF. Physical Review D, 2010, 82, .	4.7	14
663	$\text{pp} \rightarrow \text{t}\bar{\text{t}} + \text{jet}$ decaying to jets in $\text{pp} \rightarrow \text{t}\bar{\text{t}}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 211805.	4.7	14
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665	Search for a Higgs boson in the diphoton final state using the full CDF data set from $\text{pp} \rightarrow \text{t}\bar{\text{t}} + \text{jet}$ collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2017, 118, 021801.	4.1	14
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668 Studies of  $\mathcal{B}(\mathcal{B}_s^* \rightarrow \mathcal{B}_s \gamma)$  and  $\mathcal{B}(\mathcal{B}_s^* \rightarrow \mathcal{B}_s \gamma)$

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687	Measurement of the top quark mass using charged particles in proton-proton collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2016, 93.	4.7	13
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694	Measurement of the mass difference $m(D^+)-m(D^0)$ at CDF II. Physical Review D, 2003, 68, .	4.7	12
695	Observation of $B_s \rightarrow \tau^+ \nu_\tau (2S) \bar{\nu}_\tau$ and Measurement of the Ratio of Branching Fractions $B(B_s \rightarrow \tau^+ \nu_\tau (2S) \bar{\nu}_\tau)/B(B_s \rightarrow \tau^+ \nu_\tau)$ . Physical Review Letters, 2006, 96, 231801.	7.8	12
696	Search for chargino-neutralino production in proton-proton collisions at $\sqrt{s}=1.96$ TeV using dilepton events with a lepton plus track selection. Physical Review D, 2009, 79.	4.7	12
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698	Measurement of the fraction of top quark production via gluon-gluon fusion in proton-proton collisions at $\sqrt{s}=1.96$ TeV using dilepton events with a lepton plus track selection. Physical Review D, 2009, 79.	4.7	12
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701	Rapidity distributions in exclusive Z production in proton-proton collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2011, 84, 014004.	7.8	12
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708	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
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712	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
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720	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



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723	Search for supersymmetry in events with a photon, jets, $\mathcal{B}\bar{\nu}\nu$ -jets, and missing transverse momentum in proton-proton collisions at 13 TeV. European Physical Journal C, 2019, 79, 444.	3.9	11
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725	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
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733	Search for standard model Higgs boson production in association with a $W$ boson at CDF. Physical Review D, 2008, 78, .	4.7	10
734	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
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736	Measurement of the top quark mass at CDF using the $t\bar{t}$ channel using a matrix element technique in all hadronic channel using a matrix element technique in $p\bar{p}$ collisions	4.7	10
737	Measurement of the top quark mass at CDF using the $t\bar{t}$ channel using a matrix element technique in $p\bar{p}$ collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2009, 79, .	4.7	10
738	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

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739	Search for New Physics with a Dijet Plus MissingETSignature in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 131801.	7.8	10
740	Measurement of the top quark mass in the $pp \rightarrow t\bar{t} + \text{jets} + \text{lepton} + \text{neutrino}$ channel using a jet flavor discriminant. Physical Review D, 2011, 84, .	4.1	10
741	Measurement of the top quark mass in the $pp \rightarrow t\bar{t} + \text{jets} + \text{lepton} + \text{neutrino}$ channel using a jet flavor discriminant. Physical Review D, 2011, 84, .	4.7	10
742	Measurement of the mass difference between top and antitop quarks. Physical Review D, 2013, 87, .	4.7	10
743	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
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750	Search for Higgs Bosons Decaying to $b\bar{b}$ and Produced in Association with W Bosons in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 081803.	7.8	9
751	First measurement of the fraction of top-quark pair production through gluon-gluon fusion. Physical Review D, 2008, 78, .	4.7	9
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753	Improved Search for a Higgs Boson Produced in Association with $Z + \text{jet}$ in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 251802.	7.8	9
754	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, .	4.7	9
755	Azimuthal correlations for inclusive 2-jet, 3-jet, and 4-jet events in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	9
756	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

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758	Search for decays of the $Z^0$ into a photon and a pseudoscalar meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 635-643.	4.1	8
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760	Inclusive production of neutral pions in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 451-461.	1.5	8
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762	The forward-backward asymmetry for charm quarks at the Z. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 415-425.	4.1	8
763	Search for the flavor-changing neutral current decay $D^0 \rightarrow \tau^+ \tau^- \nu_\tau \bar{\nu}_\tau$ in pp collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review D, 2003, 68, .	4.7	8
764	Search for ZZ and ZW production in pp collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review D, 2005, 71, .	4.7	8
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