

Javier Cuevas

List of Publications by Year in descending order

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1,103
papers

43,611
citations

3515

90
h-index

9311

143
g-index

1127
all docs

1127
docs citations

1127
times ranked

11545
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the J/ψ meson and b -hadron production cross sections in pp collisions at $\sqrt{s}=1.96$ and 2.76 TeV. Physical Review D, 2005, 71, .	1.6	624
2	Search for neutral MSSM Higgs bosons at LEP. European Physical Journal C, 2006, 47, 547.	1.4	592
3	Precise determination of the mass of the Higgs boson and tests of compatibility of its couplings with the standard model predictions using proton collisions at 7 and 8 TeV. European Physical Journal C, 2015, 75, 212.	1.4	541
4	Event generator tunes obtained from underlying event and multiparton scattering measurements. European Physical Journal C, 2016, 76, 155.	1.4	499
5	Observation of long-range, near-side angular correlations in proton-proton collisions at the LHC. Journal of High Energy Physics, 2010, 2010, 1.	1.6	497
6	Study of high- p_T charged particle suppression in PbPb compared to pp collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	369
7	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s}=13$ and 8 TeV. European Physical Journal C, 2019, 79, 421.	1.4	355
8	Particle-flow reconstruction and global event description with the CMS detector. Journal of Instrumentation, 2017, 12, P10003-P10003.	0.5	348
9	Observation of the diphoton decay of the Higgs boson and measurement of its properties. European Physical Journal C, 2014, 74, 3076.	1.4	342
10	Observation of a new boson with mass near 125 GeV in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	320
11	Search for dark matter, extra dimensions, and unparticles in monojet events in proton-proton collisions at $\sqrt{s}=8$ and 7 TeV. European Physical Journal C, 2015, 75, 235.	1.4	320
12	Observation of $B_s \rightarrow B^0$ oscillations. Physical Review Letters, 2006, 97, 242003. Evidence for a Narrow Near-Threshold Structure in the $B_s \rightarrow B^0$ Mass Spectrum in pp Collisions at $\sqrt{s}=7$ and 8 TeV. Physical Review Letters, 2009, 102, 242002.	2.9	311
13	Search for dark matter, extra dimensions, and unparticles in monojet events in proton-proton collisions at $\sqrt{s}=8$ and 7 TeV. European Physical Journal C, 2015, 75, 235.	1.4	320
14	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.	1.4	241
15	Identification of heavy-flavour jets with the CMS detector in pp collisions at 13 TeV. Journal of Instrumentation, 2018, 13, P05011-P05011.	0.5	241
16	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. Physical Review D, 2011, 83, .	1.6	238
17	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96$ and 2.76 TeV using lepton+jet events with secondary vertex-tagging. Physical Review D, 2005, 71, .	1.6	231
18	Transverse-momentum and pseudorapidity distributions of charged hadrons in pp collisions at $\sqrt{s}=0.9$ and 2.36 TeV. Journal of High Energy Physics, 2010, 2010, 1.	1.6	230

#	ARTICLE	IF	CITATIONS
19	Observation of Higgs Boson Decay to Bottom Quarks. <i>Physical Review Letters</i> , 2018, 121, 121801.	2.9	219
20	Observation of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mrow} \langle \text{mml:mi} \text{t} \langle \text{mml:mi} \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \text{t} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mrow} \langle \text{mml:mo stretchy="false"} \rangle \hat{\Lambda} \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{H} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Production. <i>Physical Review Letters</i> , 2018, 120, 231801.	2.9	209
21	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. <i>Physical Review Letters</i> , 2012, 109, 071804.	2.9	201
22	Suppression of non-prompt J/ψ , prompt J/ψ , and Υ in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	200
23	Observation of Electroweak Single Top-Quark Production. <i>Physical Review Letters</i> , 2009, 103, 092002.	2.9	199
24	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. <i>European Physical Journal C</i> , 2020, 80, 4.	1.4	198
25	Analysis of the Quantum Numbers of the $X(3872)$ Particle. <i>Physical Review Letters</i> , 2007, 98, 132002.	2.9	193
26	Polarizations of J/ψ and Υ and $\psi(2S)$ in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	2.9	192
27	Measurement of the differential cross section for top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2015, 75, 542.	1.4	191
28	Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007, 34, 2457-2544.	1.4	188
29	Forward-Backward Asymmetry in Top-Quark Production in pp Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008, 101, 202001.	2.9	187
30	Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	181
31	Performance of the CMS muon detector and muon reconstruction with proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of Instrumentation</i> , 2018, 13, P06015-P06015.	0.5	180
32	First Flavor-Tagged Determination of Bounds on Mixing-Induced CP Violation in $B \rightarrow D^{*} \ell \nu$ Decays. <i>Physical Review Letters</i> , 2008, 100, 161802.	2.9	179
33	Search for heavy neutrinos and W bosons with right-handed couplings in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2014, 74, 3149.	1.4	179
34	Search for $B_s \rightarrow \tau^+ \tau^-$ and $B \rightarrow \tau^+ \tau^-$ Decays with $B \rightarrow \tau^+ \tau^-$ Collisions. <i>Physical Review Letters</i> , 2008, 100, 101802.	2.9	179
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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.	1.4	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.	1.6	169
39	Search for dark matter and large extra dimensions in monojet events in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	168
40	Search for Heavy Neutral Leptons in Events with Three Charged Leptons in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review Letters</i> , 2018, 120, 221801.	2.9	160
41	Measurement of the inclusive W and Z production cross sections in pp collisions at $\sqrt{s} = 7$ TeV with the CMS experiment. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	158
42	Study of the inclusive production of charged pions, kaons, and protons in pp collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1. <i>Observation of Exclusive Charmonium Production and</i>	1.4	154
43	Measurement of the inclusive jet cross section at the Fermilab Tevatron. <i>Physical Review D</i> , 2008, 78, .	2.9	153
44	Search for supersymmetry in hadronic final states with missing transverse energy using the variables \hat{t} and b-quark multiplicity in pp collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2013, 73, 2568.	1.6	149
45	Search for invisible decays of a Higgs boson produced through vector boson fusion in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 793, 520-551.	1.4	147
46	Measurement of the $B_s \rightarrow B_s^0$ Oscillation Frequency. <i>Physical Review Letters</i> , 2006, 97, 062003.	2.9	141
47	Prompt and non-prompt J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	135
48	A search for a doubly-charged Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	129
49	Measurement of differential top-quark-pair production cross sections in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	125
50	Observation of the Higgs boson decay to a pair of τ , leptons with the CMS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 779, 283-316.	1.5	125
51	Top quark mass measurement using the template method in the $t\bar{t} + jets$ channel at CDF II. <i>Physical Review D</i> , 2006, 73, .	1.6	124
52	Evidence for the 125 GeV Higgs boson decaying to a pair of τ , leptons. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	123
53	Precision luminosity measurement in proton-proton collisions at $\sqrt{s} = 13, 13.6$ TeV in 2015 and 2016 at CMS. <i>European Physical Journal C</i> , 2021, 81, 800.	1.4	123

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55	Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	122
56	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. Physical Review D, 2013, 87, .	1.6	122
57	Measurement of the Dipion Mass Spectrum in $X(3872) \rightarrow \pi^+ \pi^-$ Decays. Physical Review Letters, 2006, 96, 102002.	2.9	121
58	Observation of the Baryonic Flavor-Changing Neutral Current Decay $b \rightarrow c \bar{c} s$. Physical Review Letters, 2011, 107, 201802.	2.9	121
59	CMS tracking performance results from early LHC operation. European Physical Journal C, 2010, 70, 1165-1192.	1.4	120
60	Searches for long-lived charged particles in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	118
61	Search for a light charged Higgs boson in top quark decays in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	117
62	First Measurement of the Differential Cross Section $d\sigma/dM_{t\bar{t}}$ in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 222003.	2.9	115
63	Measurement of the inclusive jet cross section using the k _T algorithm in pp collisions at $\sqrt{s} = 1.96$ TeV with the CDF II detector. Physical Review D, 2007, 75, .	1.6	114
64	Combination of Tevatron Searches for the Standard Model Higgs Boson in the $W \rightarrow b\bar{c}$ Mode. Physical Review Letters, 2010, 104, 061802.	2.9	114
65	First Measurements of Inclusive W and Z Cross Sections from Run II of the Fermilab Tevatron Collider. Physical Review Letters, 2005, 94, 091803.	2.9	111
66	Combination of the top-quark mass measurements from the Tevatron collider. Physical Review D, 2012, 86, .	1.6	109
67	Invariant Mass Distribution of Jet Pairs Produced in Association with a W Boson in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 106, 171801.	2.9	108
68	Measurements of the Angular Distributions in the Decays $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2012, 108, 081807.	2.9	108
69	Observation of the Decay $B \rightarrow c \bar{c} s$. Physical Review Letters, 2008, 100, 162002.	2.9	106
70	Measurement of the $B \rightarrow c \bar{c} s$ Decay. Physical Review Letters, 2008, 100, 162002.	2.9	106
70	Charged particle multiplicities in pp interactions at $\sqrt{s} = 0.9$, 2.36, and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	106
71	Precise Measurement of the W -Boson Mass with the CDF II Detector. Physical Review Letters, 2012, 108, 151803.	2.9	106
72	Observation of the Heavy Baryons Λ_b^0 and Λ_b^+ . Physical Review Letters, 2007, 99, 202001.	2.9	105

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73	Search for Charged Higgs Bosons from Top Quark Decays in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 042003.	2.9	103
74	Charged-particle nuclear modification factors in PbPb and pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	103
75	Search for Charged Higgs Bosons in Decays of Top Quarks in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 042003.	2.9	102
76	Combination of Searches for Higgs Boson Pair Production in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2019, 122, 121803.	2.9	102
77	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.	1.6	101
78	Nuclear modification factor of D0 mesons in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 369, 252-256.	1.5	101
79	Evidence for Higgs Boson Production in Proton-Proton Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 100, 121802.	2.9	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.	1.6	100
81	Dependence on pseudorapidity and on centrality of charged hadron production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	99
82	Higgs boson studies at the Tevatron. Physical Review D, 2013, 88, .	1.6	98
83	Search for new phenomena with the M_{T2} variable in the all-hadronic final state produced in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 710.	1.4	98
84	Measurement of the underlying event activity at the LHC with $\sqrt{s} = 7$ TeV and comparison with $\sqrt{s} = 0.9$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	97
85	Search for supersymmetry in hadronic final states using M_{T2} in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	95
86	Searches for invisible decays of the Higgs boson in pp collisions at $\sqrt{s} = 7, 8,$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	95
87	Precision Measurement of the X Production Charge Asymmetry in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 042003.	2.9	94
88	Search for a Higgs boson in the mass range from 145 to 1000 GeV decaying to a pair of W or Z bosons. Journal of High Energy Physics, 2015, 2015, 1.	1.6	92
89	Production Charge Asymmetry in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 042003.	2.9	91
90	Search for dijet resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV and constraints on dark matter and other models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 520-542.	1.5	90

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91	Measurement of the Difference in CP-Violating Asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays at CDF. Physical Review Letters, 2012, 109, 111801.	2.9	88
92	Measurements of differential and double-differential Drell-Yan cross sections in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 147.	1.4	88
93	Search for High-Mass Resonances Decaying to Dimuons at CDF. Physical Review Letters, 2009, 102, 091805.	2.9	87
94	Coherent J/ψ photoproduction in ultra-peripheral PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the CMS experiment. Physics Letters, 2011, 700, 489-511.	1.5	87
95	Search for high-mass resonances in dilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle Physics, 2018, 370, 1-10.	1.5	87
96	Observation and Mass Measurement of the Baryon Λ_b^0 . Physical Review Letters, 2007, 99, 052002.	2.9	86
97	Observation of Electroweak Production of Same-Sign W-Boson Pairs in the Two Jet and Two Same-Sign Lepton Final State in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2014, 113, 251801.	2.9	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.	1.6	86
99	Measurement of jet fragmentation into charged particles in pp and PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	85
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.	1.6	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.	1.6	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.	1.4	85
103	Performance of the CMS Level-1 trigger in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of Instrumentation, 2020, 15, P10017-P10017.	0.5	84
104	Measurement of Inclusive Jet Cross Sections in Z Production in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2012, 109, 111801.	2.9	83
105	Measurement of the single-top-quark t-channel cross section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	83
106	Measurement of the differential cross section and charge asymmetry for inclusive $p \rightarrow W^{\pm} + X$ production at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 469.	1.4	83
107	Measurement of prompt and nonprompt charmonium suppression in $PbPb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2018, 78, 509.	1.4	83
108	Performance of missing transverse momentum reconstruction in proton-proton collisions at $\sqrt{s} = 13$ TeV using the CMS detector. Journal of Instrumentation, 2019, 14, P07004-P07004.	0.5	83

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109	Measurement of Bottom-Quark Hadron Masses in Exclusive J/ψ Decays with the CDF Detector. Physical Review Letters, 2006, 96, 202001.	2.9	82
110	Suppression and azimuthal anisotropy of prompt and nonprompt $\psi(2S)$ production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 252.	1.4	82
111	Search for narrow and broad dijet resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV and constraints on dark matter mediators and other new particles. Journal of High Energy Physics, 2018, 2018, 1.	1.6	82
112	Search for Large Extra Dimensions in Final States Containing One Photon or Jet and Large Missing Transverse Energy Produced in $\sqrt{s} = 13$ TeV Collisions. Physical Review Letters, 2018, 120, 121801.	2.9	81
113	J/ψ and $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	81
114	Search for neutral MSSM Higgs bosons decaying to a pair of tau leptons in pp collisions. Journal of High Energy Physics, 2014, 2014, 1.	1.6	81
115	Search for a charged Higgs boson in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	81
116	Measurement of angular parameters from the decay $B \rightarrow K^* \ell^+ \ell^-$ in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 517-541.	1.6	81
117	Observation of Orbitally Excited Mesons. Physical Review Letters, 2008, 100, 082001.	2.9	80
118	Observation of Exclusive Electron-Positron Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 98, 112001.	2.9	79
119	Search for physics beyond the standard model in dilepton mass spectra in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	78
120	Search for new physics in final states with an energetic jet or a hadronically decaying W boson and transverse momentum imbalance at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 270-293.	1.6	78
121	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.	1.4	78
122	Observation of single top quark production and measurement of $ V_{tb} $ with CDF. Physical Review D, 2010, 82, .	1.6	77
123	Studies of azimuthal dihadron correlations in ultra-central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	77
124	Measurement of nuclear modification factors of $\psi(1S)$, $\psi(2S)$, and $\psi(3S)$ mesons in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 270-293.	1.6	77
125	Study of jet shapes in inclusive jet production in $\sqrt{s} = 1.96$ TeV collisions. Physical Review D, 2005, 71, .	1.6	76
126	Evidence for the Exclusive Decay $B_c \rightarrow \psi(2S) \ell^+ \ell^-$ and Measurement of the Mass of the B_c Meson. Physical Review Letters, 2006, 96, 082002.	2.9	76

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127	<p>Measurement of the cross section for W-boson production in association with jets in pp collisions at $\sqrt{s} = 7$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2013, 2013, 1.</p>	1.6	76
128	<p>Study of exclusive two-photon production of $W+W\gamma$ in pp collisions at $\sqrt{s} = 7$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2013, 2013, 1.</p>	1.6	75
129	<p>Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.</p>	1.4	75
130	<p>Search for New Bottomlike Quark Pair Decays $Q\bar{Q}$ in pp collisions at $\sqrt{s} = 7$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2013, 2013, 1.</p>		

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163	Measurement of particle production and inclusive differential cross sections in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 2.9	1.6	64
164	Measurement of the $W+W\tilde{A}$ Production Cross Section and Search for Anomalous $WW\tilde{A}$ and WWZ Couplings in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 2.9	1.6	64
165	Measurement of the sum of WW and WZ production with W +dijet events in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2283.	1.4	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.	1.4	64
167	Constraints on the chiral magnetic effect using charge-dependent azimuthal correlations in pp and $PbPb$ collisions at the CERN Large Hadron Collider. Physical Review C, 2018, 97, 1.1	1.1	64
168	Search for doubly charged Higgs bosons at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 552, 127-137.	1.5	63
169	Search for Neutral Higgs Bosons of the Minimal Supersymmetric Standard Model Decaying to $t\bar{t}$ Pairs in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 011802.	2.9	63
170	Search for Exclusive Z -Boson Production and Observation of High-Mass $pp \rightarrow p\tilde{A}^+ p\tilde{A}^- + l\bar{l} + p\tilde{A}^-$ Events in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 222002.	2.9	63
171	Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	63
172	Evidence for the Higgs boson decay to a bottom quark-antiquark pair. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 501-532.	1.5	63
173	A measurement of the Higgs boson mass in the diphoton decay channel. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135425.	1.5	63
174	Measurement of the Bottom-Strange Meson Mixing Phase in the Full CDF Data Set. Physical Review Letters, 2012, 109, 171802.	2.9	62
175	Measurement of the $W+W\tilde{A}$ cross section in pp collisions at $\sqrt{s} = 7$ TeV and limits on anomalous $WW\tilde{A}$ and WWZ couplings. European Physical Journal C, 2013, 73, 1.	1.4	62
176	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.	1.4	62
177	Measurement of the Meson Nuclear Modification Factor in Pb - Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 152301.	2.9	62
178	Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	62
179	Measurement of the inelastic proton-proton cross section at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	62
180	Observation of Two Excited States and Measurement of the stretchy="false">	2.9	62

#	ARTICLE	IF	CITATIONS
181	Measurement of prompt J/ψ pair production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	61
182	Search for a Narrow Resonance Lighter than 200 GeV Decaying to a Pair of Muons in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2020, 124, 131802.	2.9	61
183	Search for $B_s \rightarrow \mu^+ \mu^-$ and $B_d \rightarrow \mu^+ \mu^-$ Decays in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2004, 93, 032001.	2.9	60
184	Search for the Flavor-Changing Neutral-Current Decay $B \rightarrow \mu^+ \mu^- Z$ in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2017, 117, 021801.	2.9	60
185	Measurement of the ratio of the inclusive 3-jet cross section to the inclusive 2-jet cross section in pp collisions at $\sqrt{s} = 7$ TeV and first determination of the strong coupling constant in the TeV range. European Physical Journal C, 2013, 73, 1.	1.4	60
186	Search for Exclusive $\bar{t}t$ Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 99, 242002.	2.9	59
187	Search for High-Mass $t\bar{t}$ Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 99, 242002.	2.9	59
188	Measurement of the lepton charge asymmetry in inclusive W production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	59
189	Measurement of inclusive jet cross sections in pp and PbPb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2017, 96, 024001.	1.1	59
190	Search for Long-Lived Massive Charged Particles in 1.96 TeV pp Collisions. Physical Review Letters, 2009, 103, 021802.	2.9	58
191	Search for anomalous $t\bar{t}$ production in the highly-boosted all-hadronic final state. Journal of High Energy Physics, 2012, 2012, 1.	1.6	58
192	Jet production rates in association with W and Z bosons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	58
193	Studies of jet mass in dijet and W/Z + jet events. Journal of High Energy Physics, 2013, 2013, 1.	1.6	58
194	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.	1.4	58
195	Measurement of the weak mixing angle using the forward-backward asymmetry of Drell-Yan events in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 701.	1.4	58
196	Search for Top-Quark Production via Flavor-Changing Neutral Currents in $W \rightarrow \mu^+ \mu^-$ Jet Events at CDF. Physical Review Letters, 2009, 102, 151801.	2.9	57
197			

#	ARTICLE	IF	CITATIONS
199	Observation of the $\Upsilon(4140)$ structure in the J/ψ mass spectrum in $B^{\pm} \rightarrow J/\psi K^{\pm}$ decays. <i>Modern Physics Letters A</i> , 2017, 32, 1750139.	0.5	57
200	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. <i>European Physical Journal C</i> , 2017, 77, 578.	1.4	57
201	Combined search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	57
202	Measurements of Higgs boson properties in the diphoton decay channel in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	57
203	Observation of $B_s \rightarrow K^* \bar{K}^0$ and Measurements of Branching Fractions of Charmless Two-Body Decays of B^0 and B_s^0 Mesons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2006, 97, 211802.	2.9	56
204	Search for Supersymmetry in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2006, 97, 211802.	2.9	56
205	Measurement of the Ratio $\sigma(\text{tt})/\sigma(\text{tt}^*)$ and Precise Extraction of the tt^* Cross Section. <i>Physical Review Letters</i> , 2010, 105, 012001.	2.9	56
206	Charged particle transverse momentum spectra in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	56
207	Exclusive $\bar{t}t^* \rightarrow \bar{t}t^* + \bar{t}t^*$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	56
208	Event activity dependence of $\Upsilon(nS)$ production in $\sqrt{s} = 5.02$ TeV pPb and $\sqrt{s} = 2.76$ TeV pp collisions. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	56
209	Observation of $s\bar{s}$ Channel Production of Single Top Quarks at the Tevatron. <i>Physical Review Letters</i> , 2014, 112, 231803.	2.9	56
210	Identification of heavy, energetic, hadronically decaying particles using machine-learning techniques. <i>Journal of Instrumentation</i> , 2020, 15, P06005-P06005.	0.5	56
211	Measurement of masses in the $\text{t}\bar{\text{t}}$ system by kinematic endpoints in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 2494.	1.4	55
212	Measurement of associated W + charm production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	55
213	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2016, 76, 451.	1.4	55
214	Search for Higgs boson pair production in events with two bottom quarks and two tau leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, 2011, 106, 141803.	1.5	55
215	Search for Supersymmetry in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2006, 97, 211802.	2.9	54
216	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. <i>European Physical Journal C</i> , 2015, 75, 288.	1.4	54

#	ARTICLE	IF	CITATIONS
217	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.	1.6	54
218	Search for Charged Higgs Bosons Produced via Vector Boson Fusion and Decaying into a Pair of W and Z Bosons Using pp Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2017, 119, 141802.	2.9	54
219	Search for charged Higgs bosons in the $H^{\pm} \rightarrow \tau^{\pm} \nu_{\tau}$ decay channel in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	54
220	Search for supersymmetry in proton-proton collisions at 13 TeV in final states with jets and missing transverse momentum. Journal of High Energy Physics, 2019, 2019, 1.	1.6	54
221	Measurement of the Lifetime Difference between B_s Mass Eigenstates. Physical Review Letters, 2005, 94, 101803.	2.9	53
222	Search for one large extra dimension with the DELPHI detector at LEP. European Physical Journal C, 2009, 60, 17-23.	1.4	53
223	Global search for new physics with $\sqrt{s} = 1.96$ TeV at CDF. Physical Review D, 2009, 79, .	1.6	53
224	Measurement of prompt and nonprompt J/ψ production in pp and pp collisions at $\sqrt{s} = 5.02, 7$ TeV. European Physical Journal C, 2017, 77, 269.	1.4	53
225	Search for the production of narrow resonances between 70 and 110 GeV in the diphoton final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters. Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 320-347.	1.5	53
226	Measurement of the mass and width of the W boson in e+e- collisions at $\sqrt{s} = 161-209$ GeV. European Physical Journal C, 2008, 55, 1.	1.4	52
227	Search for the Production of Narrow Resonances in $e^+e^- \rightarrow \gamma^* \gamma^* \rightarrow \mu^+\mu^-$ at $\sqrt{s} = 1.9-4.6$ GeV. Physical Review Letters, 2009, 103, 041801.	2.9	52
228	Measurement of double-differential cross sections for top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV and impact on parton distribution functions. European Physical Journal C, 2017, 77, 459.	1.4	52
229	Measurements of the $pp \rightarrow ZZ$ production cross section and the $Z \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 165.	1.4	52
230	Measurement of branching ratio and $B \rightarrow K^* \mu^+ \mu^-$ in the decay $B \rightarrow K^* \mu^+ \mu^-$. Physical Review Letters, 2014, 113, 041801.	1.6	51
231	Study of $B \rightarrow K^* \mu^+ \mu^-$ mesons and evidence for a new $B \rightarrow K^* \mu^+ \mu^-$ resonance. Physical Review D, 2014, 90, .	1.6	51
232	Search for the associated production of the Higgs boson with a top-quark pair. Journal of High Energy Physics, 2014, 2014, 1.	1.6	51
233	Measurement of $f_1(1260) \rightarrow \mu^+ \mu^-$ in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 231801.	1.6	51
234	First measurement of the underlying event activity at the LHC with $\sqrt{s} = 0.9$ TeV. European Physical Journal C, 2010, 70, 555-572.	1.4	50

#	ARTICLE	IF	CITATIONS
235	Studying the underlying event in Drell-Yan and high transverse momentum jet production at the Tevatron. Physical Review D, 2010, 82, .	1.6	50
236	Measurements of Direct $C \rightarrow P$ Violating Asymmetries in Charmless Decays of Strange Bottom Mesons and Bottom Baryons. Physical Review Letters, 2011, 106, 181802.	2.9	50
237	Study of the underlying event at forward rapidity in pp collisions at $\sqrt{s}=0.9, 2.76, \text{and } 7 \text{ TeV}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
238	Search for Leptoquarks Coupled to Third-Generation Quarks in Proton-Proton Collisions at $\sqrt{s}=13 \text{ TeV}$. Physical Review Letters, 2018, 121, 241802.	2.9	50
239	Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at $\sqrt{s}=13 \text{ TeV}$. European Physical Journal C, 2019, 79, 564.	1.4	50
240	Measurement of the Inclusive Jet Cross Section Using the kT Algorithm in pp Collisions at $\sqrt{s}=1.96 \text{ TeV}$. Physical Review Letters, 2006, 96, 122001.	2.9	49
241	First run II measurement of the W boson mass at the Fermilab Tevatron. Physical Review Letters, 2006, 96, 122001.	1.6	49
242	Measurement of the properties of the Z boson and measurement of the properties of the W boson in pp collisions at $\sqrt{s}=1.96 \text{ TeV}$. Physical Review Letters, 2006, 96, 122001.	1.6	49
243	Measurement of the W boson mass in pp collisions at $\sqrt{s}=1.96 \text{ TeV}$. Physical Review Letters, 2006, 96, 122001.	2.9	49
244	Search for leptonic decays of W bosons in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	49
245	Measurement of pseudorapidity distributions of charged particles in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$ by the CMS and TOTEM experiments. European Physical Journal C, 2014, 74, 1.	1.4	49
246	Search for an L gauge boson using $Z \rightarrow 4l$ events in proton-proton collisions at $\sqrt{s}=13 \text{ TeV}$. Physics Letters Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 345-368.	1.5	49
247	Search for new physics in events with same-sign dileptons and jets in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2014, 2014, 1.	2.9	48
248	Search for new physics in events with same-sign dileptons and jets in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	48
249	Measurement of charged pion, kaon, and proton production in proton-proton collisions at $\sqrt{s}=13 \text{ TeV}$. Physical Review D, 2017, 96, .	1.6	48
250	Azimuthal anisotropy of charged particles with transverse momentum up to $100 \text{ GeV}/c$ in PbPb collisions at $\sqrt{s}=2.76 \text{ TeV}$. Physics Letters Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 195-216.	1.6	48
251	Search for new physics in events with same-sign dileptons and jets in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2014, 2014, 1.	2.9	48
252	Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2019, 79, 364.	1.4	48

#	ARTICLE	IF	CITATIONS
253	Study of multi-muon bundles in cosmic ray showers detected with the DELPHI detector at LEP. <i>Astroparticle Physics</i> , 2007, 28, 273-286.	1.9	47
254	Measurements of the properties of $\Lambda_c(2595)$, $\Lambda_c(2625)$, $\Lambda_c(2455)$, and $\Lambda_c(2520)$ baryons. <i>Physical Review D</i> , 2011, 84, .	1.6	47
255	Measurement of the cross section and angular correlations for associated production of a Z boson with b hadrons in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	47
256	Search for new physics in events with two soft oppositely charged leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 140-166.	1.5	47
257	Search for supersymmetric partners of electrons and muons in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 140-166.	1.5	47
258	Measurement of the forward-backward charge asymmetry of electron-positron pairs in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2005, 71, .	1.6	46
259	First Measurement of the W-Boson Mass in Run II of the Tevatron. <i>Physical Review Letters</i> , 2007, 99, 151801.	2.9	46
260	Decays in $p\bar{p}$ collisions. <i>Physical Review Letters</i> , 2007, 99, 151801.	2.9	46
261	Transverse momentum cross section of e^+e^- pairs in the Z-boson region from $p\bar{p}$ collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	46
262	Search for disappearing tracks in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	46
263	Search for third-generation scalar leptoquarks decaying to a top quark and a τ lepton at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2018, 78, 707.	1.4	46
264	Measurement of the B+ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1960$ GeV. <i>Physical Review D</i> , 2007, 75, .	1.6	45
265	Measurement of the Single-Top-Quark Production Cross Section at CDF. <i>Physical Review Letters</i> , 2008, 101, 252001.	2.9	45
266	Search for Doubly Charged Higgs Bosons with Lepton-Flavor-Violating Decays Involving τ Leptons. <i>Physical Review Letters</i> , 2008, 101, 121801.	2.9	45
267	Measurement of the spin correlation in $p\bar{p}$ collisions using $t\bar{t}$ pairs. <i>Physical Review Letters</i> , 2008, 101, 121801.	1.6	45
268	Measurement of the Forward-Backward Asymmetry in the $B \rightarrow K^* \ell^+ \ell^-$ Decay and First Observation of the $B_s \rightarrow \tau^+ \tau^-$ Decay. <i>Physical Review Letters</i> , 2011, 106, 161801.	2.9	45
269	Search for heavy bottom-like quarks in 4.9 fb^{-1} of pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	45

#	ARTICLE	IF	CITATIONS
271	Measurement of the inclusive isolated prompt photon cross section in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2017, 117, 022001.	2.9	45
272	Measurement of the inclusive isolated prompt photon cross section in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 682-705.	1.5	45
273	Measurement of the inclusive jet cross section in proton-proton collisions at $\sqrt{s} = 1.96$ TeV using a cone-based jet algorithm. <i>Physical Review D</i> , 2006, 74, .	1.6	44
274	Observation of New Charmless Decays of Bottom Hadrons. <i>Physical Review Letters</i> , 2009, 103, 031801.	2.9	44
275	Measurement of the inclusive isolated prompt photon cross section in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2009, 80, .	1.6	44
276	Search for microscopic black holes in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	44
277	Search for a light charged Higgs boson decaying to $c\bar{s}$ in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1-37.	1.6	44
278	Search for decays of stopped long-lived particles produced in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2015, 75, 151.	1.4	44
279	Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2018, 78, 140.	1.4	44
280	Measurements of properties of the Higgs boson decaying to a W boson pair in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 791, 96-129.	1.5	44
281	Search for Large Extra Dimensions in the Production of Jets and Missing Transverse Energy in proton-proton collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2006, 97, 171802.	2.9	43
282	Search for Higgs Bosons Predicted in Two-Higgs-Doublet Models via Decays to Tau Lepton Pairs in proton-proton collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009, 103, 201801.	2.9	43
283	Measurement of top quark-antiquark pair production in association with a W or Z boson in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2014, 74, 3060.	1.4	43
284	Identification techniques for highly boosted W bosons that decay into hadrons. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	43
285	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. <i>European Physical Journal C</i> , 2015, 75, 325.	1.4	43
286	Search for natural and split supersymmetry in proton-proton collisions at $\sqrt{s} = 13$ TeV in final states with jets and missing transverse momentum. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	43
287	Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state with two b quarks and two \bar{l} , leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 462-488.	1.5	43
288	Evidence for an excess of soft photons in hadronic decays of Z0. <i>European Physical Journal C</i> , 2006, 47, 273-294.	1.4	42

#	ARTICLE	IF	CITATIONS
289	Measurement of the Top-Quark Mass with Dilepton Events Selected Using Neuroevolution at CDF. Physical Review Letters, 2009, 102, 152001.	2.9	42
290	Production of $\Upsilon(2S)$ mesons in $pp\bar{A}$ collisions at 1.96 TeV. Physical Review D, 2009, 80, .	1.6	42
291	Measurement of the top-quark mass in $\overline{\text{t}}$ events with dilepton final states in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	42
292	Evidence for exclusive $\hat{t}\hat{t}^* W + W \hat{a}^*$ production and constraints on anomalous quartic gauge couplings in pp collisions at $s = 7$ TeV and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	42
293	Search for vector-like T and B quark pairs in final states with leptons at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	42
294	Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	42
295	Measurement of the top quark mass using template methods on dilepton events in $pp\bar{A}$ collisions at $s=1.96$ TeV. Physical Review D, 2006, 73, .	1.6	41
296	Inclusive Search for New Physics with Like-Sign Dilepton Events in $pp\bar{A}$ Collisions at $s=1.96$ TeV. Physical Review Letters, 2007, 98, 221803.	2.9	41
297	Study of W-boson polarisations and triple gauge boson couplings in the reaction $e+e\hat{a}^*W+W-$ at LEP 2. European Physical Journal C, 2008, 54, 345-364.	1.4	41
298	Search for Resonant Production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	2.9	41
299	Search for electroweak production of charginos and neutralinos using leptonic final states in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	41
300	Measurement of the $t\bar{t}\hat{A}$ production cross section in the $e\hat{t}$ channel in proton-proton collisions at $s = 7$ TeV and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	41
301	Measurement of the $t\bar{t}\hat{A}$ production cross section in the all-jets final state in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 128.	1.4	41
302	Search for third-generation scalar leptoquarks and heavy right-handed neutrinos in final states with two tau leptons and two jets in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	41
303	Search for the Exotic Meson X in pp collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2018, 120, 222006.	1.6	41
304	Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state with two muons and two b quarks in pp collisions at 13 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 398-423.	1.5	41
305	Measurement of properties of $B_{\text{u}}^0 \hat{a}^* \hat{t}^* \hat{t}^*$ decays and search for $B_{\text{u}}^0 \hat{a}^* \hat{t}^* \hat{t}^*$ with the CMS experiment. Journal of High Energy Physics, 2020, 2020, 1.	1.6	41
306	Search for charged Higgs bosons decaying into a top and a bottom quark in the all-jet final state of pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	41

#	ARTICLE	IF	CITATIONS
307	Model-independent and quasi-model-independent search for new physics at CDF. Physical Review D, 2008, 78, .	1.6	40
308	Measurement of Resonance Parameters of Orbitally Excited Narrow B^0 Mesons. Physical Review Letters, 2009, 102, 102003.	2.9	40
309	Search for the Decays $B(s) \rightarrow e^+ \bar{\nu}_e \gamma$ and $B(s) \rightarrow e^+ e^- \bar{\nu}_e$ in CDF Run II. Physical Review Letters, 2009, 102, 201801.	2.9	40
310	Measurement of the $\overline{t}t$ production cross section using events in the $e\mu e \bar{\nu}_e$ final state in pp collisions at $\sqrt{s}=13, \text{ext TeV}$ $s = 13 \text{ TeV}$. European Physical Journal C, 2017, 77, 172.	1.4	40
311	Constraints on anomalous Higgs boson couplings using production and decay information in the four-lepton final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 775, 1-24.	1.5	40
312	Search for Evidence of the Type-III Seesaw Mechanism in Multilepton Final States in Proton-Proton Collisions at $\sqrt{s}=13, \text{ext TeV}$. Physical Review Letters, 2017, 119, 221802.	2.9	40
313	Inclusive Search for a Highly Boosted Higgs Boson Decaying to a Bottom Quark-Antiquark Pair. Physical Review Letters, 2018, 120, 071802.	2.9	40
314	Search for new physics in dijet angular distributions using proton-proton collisions at $\sqrt{s}=13, \text{ext TeV}$ and constraints on dark matter and other models. European Physical Journal C, 2018, 78, 789.	1.4	40
315	Measurement of the top quark mass in the all-jets final state at $\sqrt{s}=13, \text{ext TeV}$ $s = 13 \text{ TeV}$ and combination with the lepton+jets channel. European Physical Journal C, 2019, 79, 313.	1.4	40
316	Search for heavy Majorana neutrinos in same-sign dilepton channels in proton-proton collisions at $\sqrt{s}=13, \text{ext TeV}$. Journal of High Energy Physics, 2019, 2019, 1.	1.6	40
317	Search for disappearing tracks in proton-proton collisions at $\sqrt{s}=13, \text{ext TeV}$. Physical Review Letters, 2019, 123, 101801.	1.5	40
318	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at $\sqrt{s}=13, \text{ext TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135502.	1.5	40
319	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at $\sqrt{s}=13, \text{ext TeV}$. European Physical Journal C, 2021, 81, 378.	1.4	40
320	Search for single top production via FCNC at LEP at $\sqrt{s}=189-208 \text{ GeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 590, 21-34.	1.5	39
321	Measurement of the cross section for $t\bar{t}$ production in $pp \rightarrow t\bar{t}$ collisions using the kinematics of lepton+jets events. Physical Review D, 2005, 72, .	1.6	39
322	Direct Search for Dirac Magnetic Monopoles in $pp \rightarrow t\bar{t}$ Collisions at $\sqrt{s}=1.96 \text{ TeV}$. Physical Review Letters, 2006, 96, 201801.	2.9	39
323	Measurement of Lifetime and Decay-Width Difference in $B_s^0 \rightarrow \ell^+ \ell^-$ Decays. Physical Review Letters, 2008, 100, 121803.	2.9	39
324	Search for resonances in the dilepton mass distribution in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	39

#	ARTICLE	IF	CITATIONS
325	Precision Top-Quark Mass Measurement at CDF. Physical Review Letters, 2012, 109, 152003.	2.9	39
326	Inclusive b-jet production in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	39
327	Measurement of the $Z\sqrt{s} = 7\text{TeV}$ b-jet cross section in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	39
328	Search for the standard model Higgs boson produced in association with a top-quark pair in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	39
329	Measurement of the ZZ production cross section and search for anomalous couplings in $2\hat{a}, "2\hat{a}, " \hat{a}^2$ final states in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	39
330	Measurement of the production cross sections for a Z boson and one or more b jets in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
331	Cross section measurement of t-channel single top quark production in pp collisions at $\sqrt{s} = 7\text{TeV}$. Physical Review Letters, Section B: Nuclear, Observation of Correlated Azimuthal Anisotropy Fourier Harmonics in $pp \rightarrow t\bar{t} + \text{jets} + \text{jet}$ collisions at the LHC. Physical Review Letters, 2018, 120, 092301.	2.9	39
332	Measurement of the production cross sections for a Z boson and one or more b jets in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
333	Measurement of differential cross sections for Z boson production in association with jets in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{TeV\}$ $s = 13\text{TeV}$. European Physical Journal C, 2018, 78, 965.	1.4	39
334	Constraints on models of scalar and vector leptoquarks decaying to a quark and a neutrino at $\sqrt{s} = 13\text{TeV}$. Physical Review D, 2018, 98, .	1.6	39
335	Measurement of Partial Widths and Search for Direct CP Violation in D^0 Meson Decays to K^+K^- and $\pi^+\pi^-$. Physical Review Letters, 2005, 94, 122001.	2.9	38
336	Inclusive Search for Standard Model Higgs Boson Production in the WW Decay Channel Using the CDF II Detector. Physical Review Letters, 2010, 104, 061803.	2.9	38
337	Evidence for the Charmless Annihilation Decay Mode $B \rightarrow \pi^+\pi^-$. Physical Review Letters, 2012, 108, 211803.	2.9	38
338	Measurement of the top-quark mass in $t\bar{t}$ events with lepton+jets final states in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	38
339	Measurement of the Inclusive Leptonic Asymmetry in Top-Quark Pairs that Decay to Two Charged Leptons at CDF. Physical Review Letters, 2014, 113, 042001.	2.9	38
340	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{TeV\}$ $s = 13\text{TeV}$. European Physical Journal C, 2017, 77, 845.	1.4	38
341	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at $\sqrt{s} = 13\text{TeV}$ $s = 13\text{TeV}$, $\text{ext}\{TeV\}$ $s = 13\text{TeV}$. European Physical Journal C, 2017, 77, 636.	1.4	38
342	Suppression of Excited ρ States Relative to the Ground State in Pb-Pb Collisions at $\sqrt{s} = 2.76\text{TeV}$. Physical Review Letters, 2018, 120, 142301.	2.9	38

#	ARTICLE	IF	CITATIONS
343	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying l , leptons at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	38
344	Measurement of the $\sigma(\text{pp} \rightarrow \text{H} \rightarrow \text{ZZ} \rightarrow 4\text{e})$ production cross section in pp collisions at $\sqrt{s}=7$ TeV using the kinematic properties of events with leptons and jets. European Physical Journal C, 2011, 71, 1.	2.9	38
345	Study of inclusive J/ψ production in two-photon collisions at ALEP with the DELPHI detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 76-86.	1.5	37
346	Search for electroweak single-top-quark production in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	37
347	Top Quark Mass Measurement in the $\text{pp} \rightarrow \text{t} \rightarrow \text{Wb}$ Channel Using a Matrix Element Method and In Situ Jet Energy Calibration. Physical Review Letters, 2010, 105, 252001.	2.9	37
348	Measurement of the $\sigma(\text{pp} \rightarrow \text{t} \rightarrow \text{Wb})$ production cross section in pp collisions at $\sqrt{s}=7$ TeV using the kinematic properties of events with leptons and jets. European Physical Journal C, 2011, 71, 1.	1.4	37
349	First Search for Multijet Resonances in $\text{pp} \rightarrow \text{Z} + \text{jet} + \text{jet}$ Collisions. Published in Note: Search for $\text{pp} \rightarrow \text{Z} + \text{jet} + \text{jet}$ Collisions. Physical Review Letters, 2011, 107, .	2.9	37
350	Study of substructure of high transverse momentum jets produced in proton-antiproton collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	2.9	37
351	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.	1.6	37
352	Measurement of the WZ production cross section in pp collisions at $\sqrt{s}=7$ and 8 TeV and search for anomalous triple gauge couplings at $\sqrt{s}=8$ TeV. Search for pair production of vector-like quarks in the $\text{pp} \rightarrow \text{Wb} + \text{WZ}$ channel from proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.4	37
353	Search for pair production of vector-like quarks in the $\text{pp} \rightarrow \text{Wb} + \text{WZ}$ channel from proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.5	37
354	Search for a new scalar resonance decaying to a pair of Z bosons in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	37
355	Search for the Higgs Boson Decaying to Two Muons in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2019, 122, 021801.	2.9	37
356	Search for pair production of vector-like quarks in the $\text{pp} \rightarrow \text{Wb} + \text{WZ}$ channel from proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.5	37
357	Search for heavy Higgs bosons decaying to a top quark pair in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	37
358	Observation of WZ Production. Physical Review Letters, 2007, 98, 161801.	2.9	36
359	Measurement of the Drell-Yan cross section in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	36

#	ARTICLE	IF	CITATIONS
361	Combination of CDF and D0 measurements of the W boson helicity in top quark decays. Physical Review D, 2012, 85, .	1.6	36
362	Measurement of the Cross Section for Prompt Isolated Diphoton Production Using the Full CDF Run II Data Sample. Physical Review Letters, 2013, 110, 101801.	2.9	36
363	Search for resonant and nonresonant Higgs boson pair production in the $b\bar{b}$ final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	36
364	Search for Narrow Resonances in the -Tagged Dijet Mass Spectrum in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2018, 120, 201801.	2.9	36
365	Search for top squarks and dark matter particles in opposite-charge dilepton final states at $\sqrt{s}=13$ TeV. Physical Review Letters, 2018, 120, 201801.	1.6	36
366	Search for single production of a vector-like T quark decaying to a Z boson and a top quark in proton-proton collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 574-600.	1.5	36
367	Search for anomalous electroweak production of vector boson pairs in association with two jets in proton-proton collisions at 13 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134985.	1.5	36
368	Measurement of electroweak WZ boson production and search for new physics in WZ + two jets events in pp collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 281-307.	1.5	36
369	Search for resonances in $p\bar{p}$ collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2017, 119, 111802.	1.6	35
370	First Measurement of W Boson Production in Association with a Single Charm Quark in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 091803.	2.9	35
371	Measurement of the top-quark mass in all-jets $t\bar{t}$ events in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2014, 74, 2758.	1.4	35
372	Multiplicity and rapidity dependence of strange hadron production in pp , pPb , and $PbPb$ collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 103-129.	1.5	35
373	Search for Low Mass Vector Resonances Decaying to Quark-Antiquark Pairs in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2017, 119, 111802.	2.9	35
374	Search for anomalous Wtb couplings and flavour-changing neutral currents in t-channel single top quark production in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	35
375	Measurement of the cross section for top quark pair production in association with a W or Z boson in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	35
376	Measurement of exclusive $\{p\}Pb$ photoproduction from protons in pp collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2019, 79, 277.	1.4	35
377	Measurement of associated production of a W boson and a charm quark in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 269.	1.4	35
378	Search for pair production of vectorlike quarks in the fully hadronic final state. Physical Review D, 2019, 100, .	1.6	35

#	ARTICLE	IF	CITATIONS
379	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at $\sqrt{s} = 13, \text{ext } \{ \text{TeV} \}$ TeV. European Physical Journal C, 2021, 81, 488.	1.4	35
380	Measurement of the Cross Section for Prompt Diphoton Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96 \text{ TeV}$. Physical Review Letters, 2005, 95, 022003.	2.9	34
381	Measurement of the $\hat{\sigma}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$ using lepton plus jets events with semileptonic decays to muons. Physical Review D, 2005, 72, .	1.6	34
382	Search for High Mass Resonances Decaying to Muon Pairs in $p\bar{p}$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$. Physical Review Letters, 2011, 106, 121801.	2.9	34
383	Observation of Z decays to four leptons with the CMS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	34
384	Measurement of the $C\bar{P}$ -violating phase in $B \rightarrow \pi^0 \pi^0$ decays. Physical Review Letters, 2011, 106, 121801.	1.6	34
385	Search for microscopic black holes in pp collisions at $\sqrt{s} = \{ \text{ext } \{ 7 \text{ TeV} \} \}$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	34
386	Search for supersymmetry in final states with missing transverse energy and 0, 1, 2, or 3 b-quark jets in 7 TeV pp collisions using the variable $\hat{t} \pm T$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	34
387	Evidence for a bottom baryon resonance Λ_b^0 in CDF data. Physical Review D, 2013, 88, .	1.6	34
388	Measurements of Direct $C\bar{P}$ -Violating Asymmetries in Charmless Decays of Bottom Baryons. Physical Review Letters, 2014, 113, 242001.	2.9	34
389	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.	1.6	34
390	Measurement of $\sigma(\bar{t}t)$ production with additional jet activity, including b quark jets, in the dilepton decay channel using pp collisions at $\sqrt{s} = 8, \text{ext } \{ \text{TeV} \}$ TeV. European Physical Journal C, 2016, 76, 379.	1.4	34
391	Measurements of the $\sigma(\bar{t}t)$ 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.	1.4	34
392	Measurement of the cross section for electroweak production of $Z\bar{\nu}\nu$ in association with two jets and constraints on anomalous quartic gauge couplings in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$. Physical Review Letters, 2017, 770, 380-402.	1.5	34
393	Measurements of Squark and Gluon Production Cross Sections and Diphoton Production in $p\bar{p}$ Collisions at $\sqrt{s} = 13 \text{ TeV}$. Physical Review Letters, 2018, 780, 251-272.	1.6	34
394	Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state of two muons and two τ leptons in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
395	Measurement of the top quark mass with lepton+jets final states using $p\bar{p}$ collisions at $\sqrt{s} = 13, \text{ext } \{ \text{TeV} \}$ TeV. European Physical Journal C, 2018, 78, 891.	1.4	34
396	Search for a heavy right-handed W boson and a heavy neutrino in events with two same-flavor leptons and two jets at $\sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34

#	ARTICLE	IF	CITATIONS
397	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.	1.4	34
398	Search for vectorlike leptons in multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 100, 115011.	1.6	34
399	Search for vectorlike leptons in multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 100, 115011.	2.9	33
400	Study of the dependence of direct soft photon production on the jet characteristics in hadronic Z0 decays. European Physical Journal C, 2010, 67, 343-366.	1.4	33
401	Combined Tevatron upper limit on $W+W$ and constraints on the Higgs boson mass in fourth-generation fermion models. Physical Review D, 2010, 82, .	1.6	33
402	A study of the b-quark fragmentation function with the DELPHI detector at LEP I and an averaged distribution obtained at the Z Pole. European Physical Journal C, 2011, 71, 1.	1.4	33
403	Measurement of the underlying event in the Drell-Yan process in proton-proton collisions at $\sqrt{s} = 7-8$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	33
404	Search for new physics in events with same-sign dileptons and b jets in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	33
405	Direct Measurement of the Total Decay Width of the Top Quark. Physical Review Letters, 2013, 111, 202001.	2.9	33
406	Search for Resonant Top-Antitop Production in the Lepton Plus Jets Decay Mode Using the Full CDF Data Set. Physical Review Letters, 2013, 110, 121802.	2.9	33
407	Search for heavy resonances decaying to two Higgs bosons in final states containing four b quarks. European Physical Journal C, 2016, 76, 371.	1.4	33
408	Search for a massive resonance decaying to a pair of Higgs bosons in the four b quark final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 244-269.	1.5	33
409	Search for heavy neutrinos and third-generation leptoquarks in hadronic states of two \bar{l} , leptons and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	33
410	Measurement of exclusive ρ^0 photoproduction in ultraperipheral pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 702.	1.4	33
411	Search for dark matter produced in association with a leptonically decaying Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 13.	1.6	33
412	Search for dark matter produced in association with a leptonically decaying Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 13.	1.4	33
413	Search for top squark pair production using dilepton final states in collision data collected at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 3.	1.4	33
414	Measurement of 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.	1.4	33

#	ARTICLE	IF	CITATIONS
415	Measurement of W^{\pm} and Z^0 Production in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 94, 041803.	2.9	32
416	Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events with Missing Transverse Energy at CDF II. Physical Review Letters, 2010, 104, 011801.	2.9	32
417	Measurement of $\overline{B}B$ angular correlations based on secondary vertex reconstruction at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	32
418	Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in events with a single lepton, jets, and missing transverse momentum. Journal of High Energy Physics, 2011, 2011, 1.	1.6	32
419	Search for a Heavy Toplike Quark in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 107, 261801.	2.9	32
420	Measurement of Polarization and Search for CP Violation in $B_s^0 \rightarrow \tau^+ \tau^-$ Decays. Physical Review Letters, 2011, 107, 261802.	2.9	32
421	Search in leptonic channels for heavy resonances decaying to long-lived neutral particles. Journal of High Energy Physics, 2013, 2013, 1.	1.6	32
422	Jet and underlying event properties as a function of charged-particle multiplicity in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2674.	1.4	32
423	Measurement of the $t\bar{t}$ production cross sections in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 511.	1.6	32
424	Measurements of the $Z Z$ production cross sections in the $2\ell 2\ell$ channel in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV. European Physical Journal C, 2015, 75, 511.	1.4	32
425	Searches for pair production of third-generation squarks in $\sqrt{s} = 13$ TeV pp collisions. European Physical Journal C, 2017, 77, 327.	1.4	32
426	Observation of Medium-Induced Modifications of Jet Fragmentation in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV Using Isolated Photon-Tagged Jets. Physical Review Letters, 2018, 121, 242301.	2.9	32
427	Search for pair production of second-generation leptoquarks at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 99, 054011.	1.6	32
428	Charged-particle angular correlations in XeXe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physical Review C, 2019, 100, 054907.	1.6	32
429	Non-Gaussian elliptic-flow fluctuations in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 648-665.	1.6	32
430	Measurement of the moments of the hadronic invariant mass distribution in semileptonic B decays. Physical Review D, 2005, 71, 034011.	1.6	31
431	Search for High-Mass Resonances Decaying to WZ in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 211802.	2.9	31
432	Precision Top-Quark Mass Measurement in the Lepton+Jets Topology in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 022004.	2.9	31

#	ARTICLE	IF	CITATIONS
433	Search for Heavy Toplike Quarks Using Lepton Plus Jets Events in 1.96 TeV Collisions. Physical Review Letters, 2008, 100, 161803.	2.9	31
434	Measurement of Hadron Lifetimes in Exclusive Decays Containing J/ψ in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2010, 104, 251801.	2.9	31
435	Measurement of W -Boson Polarization in Top-Quark Decay in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2010, 105, 042002.	1.6	31
436	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at $\sqrt{s}=7\text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	31
437	Measurement of the triple-differential cross section for photon + jets production in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	31
438	Measurement of electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s}=8\text{ TeV}$. European Physical Journal C, 2015, 75, 66.	1.4	31
439	Search for heavy gauge $W^{\pm 2}$ bosons in events with an energetic lepton and large missing transverse momentum at $\sqrt{s}=13\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 278-301.	1.5	31
440	Search for top squark pair production in pp collisions at $\sqrt{s}=13\text{ TeV}$ using single lepton events. Journal of High Energy Physics, 2017, 2017, 1.	1.6	31
441	Search for disappearing tracks as a signature of new long-lived particles in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	31
442	Search for pair production of first-generation scalar leptoquarks at $\sqrt{s}=13\text{ TeV}$. Physical Review D, 2019, 99, .	1.6	31
443	A multi-dimensional search for new heavy resonances decaying to boosted W boson pairs in the dijet final state at $\sqrt{s}=13\text{ TeV}$. European Physical Journal C, 2020, 80, 237.	1.4	31
444	Search for Excited and Exotic Electrons in the τ^3 Decay Channel in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2005, 94, 101802.	2.9	30
445	Measurement of ratios of fragmentation fractions for bottom hadrons in pp collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review D, 2008, 77, .	1.6	30
446	Measurement of ratios of fragmentation fractions for bottom hadrons in pp collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review D, 2008, 77, .	1.6	30
447	Strong Evidence for ZZ Production in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2008, 100, 201801.	2.9	30
448	Search for Pair Production of Supersymmetric Top Quarks in Dilepton Events from pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2010, 104, 251801.	2.9	30
449	Measurement of W -Boson Polarization in Top-Quark Decay in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2010, 105, 042002.	2.9	30
450	Observation of Exclusive τ^3 Production in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2012, 108, 081801.	2.9	30

#	ARTICLE	IF	CITATIONS
451	Search for new physics in events with same-sign dileptons and b-tagged jets in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	30
452	Search for a Higgs boson in the decay channel $H \rightarrow ZZ^*(\rightarrow \ell\ell) \gamma$ in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	30
453	Search for neutral MSSM Higgs bosons decaying into a pair of bottom quarks. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
454	Search for massive W resonances decaying into the $W \rightarrow b\bar{b}$ final state at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 237.	1.4	30
455	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.	1.4	30
456	Measurement of differential cross sections for the production of top quark pairs and of additional jets in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2018, 121, 171801.	1.6	30
457	Subprocess jet quenching with isolated photon+jet production in pp collisions. Physical Review Letters, 2018, 121, 171801.	1.6	30
458	Observation of Single Top Quark Production in Association With \bar{a} in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2019, 122, 132003.	2.9	30
459	Measurement of $t\bar{t}$ production cross section in pp collisions at $\sqrt{s} = 1.96$ TeV using kinematic fitting of b-tagged lepton+jet events. Physical Review D, 2005, 71, .	1.6	29
460	Measurement of the Top-Quark Mass in All-Hadronic Decays in pp Collisions at CDF II. Physical Review Letters, 2007, 98, 142001.	2.9	29
461	Precision measurement of the top-quark mass from dilepton events at CDF II. Physical Review D, 2007, 75, .	1.6	29
462	Measurement of cross sections for bjet production in events with a Z boson in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 79, .	1.6	29
463	Measurement of the top pair production cross section in the dilepton decay channel in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2010, 82, .	1.6	29
464	Measurement of inclusive jet production and nuclear modifications in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 372.	1.4	29
465	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.	1.4	29
466	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	29
467	Search for lepton flavour violating decays of the Higgs boson to $\tau\mu$, and $e\tau$, in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29
468	Observation of proton-tagged, central (semi)exclusive production of high-mass lepton pairs in pp collisions at 13 TeV with the CMS-TOTEM precision proton spectrometer. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29

#	ARTICLE	IF	CITATIONS
469	Bose-Einstein correlations in pp , and $PbPb$ collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review C</i> , 2018, 97.	1.1	29
470	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. <i>European Physical Journal C</i> , 2019, 79, 280.	1.4	29
471	Measurement of the B^0 decay form factor. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 585, 63-84.	1.5	28
472	Search for a Fermiophobic Higgs Boson Decaying into Diphotons in pp Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009, 103, 061803.	2.9	28
473	Observation of the B^0 decay. <i>Physical Review Letters</i> , 2011, 107, 102001.	2.9	28
474	Combined Search for the Standard Model Higgs Boson Decaying to a $b\bar{b}$ Pair Using the Full $\sqrt{s} = 13$ TeV pp Data Set. <i>Physical Review Letters</i> , 2012, 109, 111802.	1.6	28
475	Search for Higgs bosons produced in association with $b\bar{b}$ cross section and triple gauge couplings in pp collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review D</i> , 2012, 85, .	1.6	28
476	Search for Higgs bosons produced in association with $b\bar{b}$ quarks. <i>Physical Review D</i> , 2012, 85, .	1.6	28
477	Study of the energy dependence of the underlying event in proton-antiproton collisions. <i>Physical Review D</i> , 2015, 92, .	1.6	28
478	Measurement and interpretation of differential cross sections for Higgs boson production at $\sqrt{s} = 13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 792, 107-131.	1.6	28
479	Search for Higgs bosons produced in association with $b\bar{b}$ quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review D</i> , 2019, 99, .	1.6	28
480	Search for long-lived particles decaying into displaced jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review D</i> , 2019, 99, .	1.6	28
481	Measurements of $\overline{\sigma}(\mathit{pp} \rightarrow \mathit{H} \rightarrow \mathit{bb})$ differential cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV using events containing two leptons. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	28
482	Search for $\overline{\sigma}(\mathit{pp} \rightarrow \mathit{H} \rightarrow \mathit{bb})$ production in the $\mathit{H} \rightarrow \mathit{bb}$ decay channel with leptonic $\overline{\sigma}(\mathit{pp} \rightarrow \mathit{H} \rightarrow \mathit{bb})$ decays in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	28
483	Production of $\mathit{H} \rightarrow \mathit{bb}$ states with two muons and two nearby tracks in pp collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 792, 107-131.	1.5	28
484	Search for $\mathit{H} \rightarrow \mathit{bb}$ production in the $\mathit{H} \rightarrow \mathit{bb}$ decay channel with leptonic $\mathit{H} \rightarrow \mathit{bb}$ decays in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.5	28
485	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.	1.6	28
486	Searches for direct pair production of supersymmetric top and supersymmetric bottom quarks in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2007, 76, .	1.6	27

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487	Measurement of the $b \rightarrow c \tau \bar{\nu}_c$ Decays in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 102002.	2.9	27
488	Search for W and WZ Resonances Decaying to Electron, Missing ET, and Two Jets in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 241801.	2.9	27
489	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.	2.9	27
490	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.	1.6	27
491	Search for anomalous single top quark production in association with a photon in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	27
492	Search for anomalous couplings in boosted WZ production. Physical Review Letters, 2017, 117, 011801.	1.5	27
493	Search for pair production of vector-like T and B quarks in single-lepton final states using boosted jet substructure in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	27
494	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 291.	1.4	27
495	Search for pair production of Z bosons in pp collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2018, 121, 011801.	1.6	27
496	Tevatron Run II combination of the effective leptonic electroweak mixing angle. Physical Review D, 2018, 97, .	1.6	27
497	A search for pair production of new light bosons decaying into muons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 131-154.	1.5	27
498	Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of Instrumentation, 2020, 15, P02027-P02027.	0.5	27
499	Measurement of the $Y(1S)$ pair production cross section and search for resonances decaying to $Y(1S) \rightarrow 4\ell$ in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 796, 131-154.	1.5	27
500	Search for new neutral Higgs bosons through the $h \rightarrow b\bar{b}$ process in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	27
501	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	27
502	Precise Measurement of the Top-Quark Mass in the Lepton+Jets Topology at CDF II. Physical Review Letters, 2007, 99, 182002.	2.9	26
503	Search for anomalous nonlinear Gauge Couplings in pp Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2017, 117, 011801.	2.9	26
504	Search for resonant $t\bar{t}$ production in lepton+jets events in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26

#	ARTICLE	IF	CITATIONS
505	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	26
506	Observation of D^0 Mixing Using the CDF II Detector. Physical Review Letters, 2013, 111, 231802.	2.9	26
507	Search for Pair Production of Strongly Interacting Particles Decaying to Pairs of Jets in pp Collisions at $\sqrt{s} = 1.96 \text{ TeV}$. Physical Review Letters, 2013, 111, 031802.	2.9	26
508	Measurement of the Differential Cross Section $d\sigma/dp_T$ for $W \rightarrow e\bar{\nu}_e$ in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$. Physical Review Letters, 2013, 111, 231802.	2.9	26
509	Search for $W \rightarrow tb$ decays in the lepton + jets final state in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26
510	Measurement of the W boson helicity in events with a single reconstructed top quark in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	26
511	Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s} = 2.76 \text{ TeV}$. European Physical Journal C, 2016, 76, 1.	1.4	26
512	Combination of searches for heavy resonances decaying to WW , WZ , ZZ , WH , and ZH boson pairs in proton-proton collisions at $\sqrt{s} = 7$ and 13 TeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 533-558.	1.5	26
513	Search for a charged Higgs boson decaying to charm and bottom quarks in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	26
514	Search for long-lived particles using nonprompt jets and missing transverse momentum with proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134876.	1.5	26
515	Search for a charged Higgs boson decaying into top and bottom quarks in events with electrons or muons in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2020, 2020, 1.	1.6	26
516	Top-Quark Mass Measurement from Dilepton Events at CDF II. Physical Review Letters, 2006, 96, 152002.	2.9	25
517	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, .	1.6	25
518	First simultaneous measurement of the top quark mass in the lepton+jets and dilepton channels at CDF. Physical Review D, 2009, 79, .	1.6	25
519	Measurement of the $WW+WZ$ Production Cross Section Using the lepton+jets Final State at CDF II. Physical Review Letters, 2010, 104, 101801.	2.9	25
520	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, .	1.6	25
521	Measurement of energy flow at large pseudorapidities in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV . Journal of High Energy Physics, 2011, 2011, 1.	1.6	25
522	Search for Production of Heavy Particles Decaying to Top Quarks and Invisible Particles in pp Collisions at $\sqrt{s} = 1.96 \text{ TeV}$. Physical Review Letters, 2011, 106, 191801.	2.9	25

#	ARTICLE	IF	CITATIONS
523	Measurement of the Mass Difference between t and \bar{t} Quarks. Physical Review Letters, 2011, 106, 152001.	2.9	25
524	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.	2.9	25
525	Forward-backward asymmetry of Drell-Yan lepton pairs in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 325.	1.4	25
526	Search for high-mass resonances in final states with a lepton and missing transverse momentum at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	25
527	Search for physics beyond the standard model in multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	25
528	Search for a heavy Higgs boson decaying to a pair of W bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	25
529	Search for first-generation scalar leptoquarks in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2005, 72, 116001.	1.6	24
530	Top quark mass measurement from dilepton events at CDF II with the matrix-element method. Physical Review D, 2006, 74, .	1.6	24
531	Measurement of the $t\bar{t}$ 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, .	1.6	24
532	Measurement of the b lifetime in b decays in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 122001.	2.9	24
533	Measurement of $f(\text{pp} \rightarrow Z) \cdot B(Z \rightarrow \tau^+ \tau^-)$ in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 75, .	1.6	24
534	Study of triple-gauge-boson couplings ZZZ , $ZZ\gamma$ and $Z\gamma\gamma$ at LEP. European Physical Journal C, 2007, 51, 525-542.	1.4	24
535	Diffractive WZ production at the Fermilab Tevatron. Physical Review D, 2010, 82, .	1.6	24
536	Direct Top-Quark Width Measurement at CDF. Physical Review Letters, 2010, 105, 232003.	2.9	24
537	Top quark mass measurement using the template method at CDF. Physical Review D, 2011, 83, .	1.6	24
538	Search for a new heavy gauge boson Z' with event signature $e^+e^- \rightarrow e^+e^- Z'$ at the Fermilab Tevatron. Physical Review Letters, 2011, 106, 152001.	1.6	24
539	Search for a new heavy gauge boson Z' with event signature $e^+e^- \rightarrow e^+e^- Z'$ at the Fermilab Tevatron. Physical Review Letters, 2011, 106, 152001.	2.9	24
540	Evidence for $t\bar{t}$ production and measurement of $\sigma(t\bar{t})$. Physical Review D, 2011, 84, .	1.6	24

#	ARTICLE	IF	CITATIONS
541	Measurement of the $\sigma(\text{t}\bar{\text{t}})$ production cross section in the $\bar{\text{t}}_{\text{jet}}$ channel in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 1.	1.4	24
542	Observation of the Production of a W Boson in Association with a Single Charm Quark. Physical Review Letters, 2013, 110, 071801.	2.9	24
543	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.	1.6	24
544	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.	1.6	24
545	Search for third-generation scalar leptoquarks in the $\bar{\text{t}}_{\text{jet}}$ channel in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	24
546	Search for vector-like T quarks decaying to top quarks and Higgs bosons in the all-hadronic channel using jet substructure. Journal of High Energy Physics, 2015, 2015, 1.	1.6	24
547	Measurement of the differential inclusive B^+ hadron cross sections in pp collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 435-456.	1.5	24
548	Search for physics beyond the standard model in high-mass diphoton events from proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2018, 98, 094017.	1.6	24
549	Search for physics beyond the standard model in high-mass diphoton events from proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2018, 98, 094017.	1.6	24
550	Search for new long-lived particles at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 432-454.	1.5	24
551	Search for new particles decaying to a jet and an emerging jet. Journal of High Energy Physics, 2019, 2019, 1.	1.6	24
552	Jet Shapes of Isolated Photon-Tagged Jets in Pb-Pb and pp Collisions at $\sqrt{s}=2.76$ and $2.76 < \sqrt{s} < 2.76$ TeV. Physical Review Letters, 2019, 122, 152001.	2.9	24
553	Study of excited $\bar{b}0$ states decaying to $\bar{b}0 + \bar{c} + \bar{s}$ in proton-proton collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 803, 135345.	1.5	24
554	Measurements of $\sigma(\text{pp} \rightarrow \text{Z}\text{Z})$ production cross sections and constraints on anomalous triple gauge couplings at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 200.	1.4	24
555	Search for anomalous production of diphoton events with missing transverse energy at CDF and limits on gauge-mediated supersymmetry-breaking models. Physical Review D, 2005, 71, .	1.6	23
556	Measurement of $\sigma(\text{pp} \rightarrow \text{B}^0 \bar{\text{B}}^0)$ in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2002, 89, 122002.	2.9	23
557	Measurement of the inclusive jet cross section using the k_T algorithm in pp collisions at $\sqrt{s}=1.96$ TeV with the CDF II detector [Phys. Rev. D 75, 092006 (2007)]. Physical Review D, 2007, 75, .	1.6	23
558	Measurement of correlated $\text{bb}\bar{\text{A}}$ production in pp collisions at $\sqrt{s}=1960$ GeV. Physical Review D, 2008, 77, .	1.6	23

#	ARTICLE	IF	CITATIONS
559	Search for the Production of Scalar Bottom Quarks in $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 081802.	2.9	23
560	Measurement of the top quark mass in the dilepton channel using $T < \mathit{m} >^2$ at CDF. Physical Review D, 2010, 81, .	1.6	23
561	Inclusive b-hadron production cross section with muons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	23
562	Measurement of WZ and ZZ production in pp collisions at $\sqrt{s} = 8$ TeV in final states with b-tagged jets. European Physical Journal C, 2014, 74, 2973.	1.4	23
563	Measurement of the jet mass in highly boosted $\overline{\mathit{t}}\mathit{t}$ events from pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2017, 77, 467.	1.4	23
564	Observation of Top Quark Production in Proton-Nucleus Collisions. Physical Review Letters, 2017, 119, 242001.	2.9	23
565	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.	1.4	23
566	Searches for pair production of charginos and top squarks in final states with two oppositely charged leptons in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	23
567	Search for the flavor-changing neutral current interactions of the top quark and the Higgs boson which decays into a pair of b quarks at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	23
568	Search for supersymmetry in proton-proton collisions at $\sqrt{s}=13$ TeV using identified top quarks. Physical Review D, 2018, 97, .	1.6	23
569	Search for resonant $\overline{\mathit{t}}\mathit{t}$ production in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	23
570	Search for Low-Mass Quark-Antiquark Resonances Produced in Association with a Photon at $s < \mathit{m} >^2 = \mathit{m}_0^2$ Physical Review Letters, 2019, 123, 231803.	2.9	23
571	Search for a light pseudoscalar Higgs boson in the boosted $\hat{t}\hat{t}$, final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	23
572	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 $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 752.	1.4	23
573	Search for dark matter and unparticles in events with a Z boson and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	23
574	Measurement of the top quark mass with the dynamical likelihood method using lepton plus jets events with b-tags in $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 73, .	1.6	22
575	Search for $V+A$ Current in Top-Quark Decays in $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 072001.	2.9	22
576	Search for Heavy Long-Lived Particles that Decay to Photons at CDF II. Physical Review Letters, 2007, 99, 121801.	2.9	22

#	ARTICLE	IF	CITATIONS
577	Search for Maximal Flavor Violating Scalars in Same-Charge Lepton Pairs in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 041801.	2.9	22
578	Search for a Higgs Boson Decaying to Two W Bosons at CDF. Physical Review Letters, 2009, 102, 021802.	2.9	22
579	Study of the associated production of photons and b-quark jets in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 81, .	1.6	22
580	Measurements of branching fraction ratios and CP asymmetries in B^{\pm} DCPK decays in hadron collisions. Physical Review D, 2010, 81, .	1.6	22
581	Measurements of the top-quark mass using charged particle tracking. Physical Review D, 2010, 81, .	1.6	22
582	Search for New Physics in High p_T Like-Sign Dilepton Events at CDF II. Physical Review Letters, 2011, 107, 181801.	2.9	22
583	Measurement of the masses and widths of the bottom baryons Λ_b^{\pm} and Σ_b^{\pm} . Physical Review D, 2012, 85, .	1.6	22
584	Search for physics beyond the standard model in events with \bar{l} , leptons, jets, and large transverse momentum imbalance in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2493.	1.4	22
585	Measurement of the Cross Section for Direct-Photon Production in Association with a Heavy Quark in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 181801.	2.9	22
586	Measurement of central exclusive production of Λ_b^{\pm} baryons in association with a heavy quark in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2015, 91, .	1.6	22
587	Measurement of the cross section for the production of Λ_b^{\pm} baryons in association with jets in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2015, 91, .	1.6	22
588	Search for $t\bar{t}$ resonances in highly boosted lepton+jets and fully hadronic final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
589	Search for massive resonances decaying into WW, WZ or ZZ bosons in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
590	Search for direct production of supersymmetric partners of the top quark in the all-jets final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
591	Search for heavy neutrinos or third-generation leptoquarks in final states with two hadronically decaying \bar{l} , leptons and two jets in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
592	Constraining Gluon Distributions in Nuclei Using Dijets in Proton-Proton and Proton-Lead Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2018, 121, 062002.	2.9	22
593	Search for direct pair production of supersymmetric partners to the τ^{\pm} lepton in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 189.	1.4	22
594	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.	1.4	22

#	ARTICLE	IF	CITATIONS
595	Measurement of the helicity of W bosons in top-quark decays. <i>Physical Review D</i> , 2006, 73, .	1.6	21
596	Search for second-generation scalar leptoquarks in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2006, 73, .	1.6	21
597	First Observation of $B \rightarrow s \gamma$ Production of $B \rightarrow s \gamma$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009, 103, 091802.	2.9	21
598	Observation of $B_s \rightarrow K^* \ell \bar{\nu}_\ell$ and $B_s \rightarrow K^* \ell \nu_\ell$ decays. <i>Physical Review D</i> , 2011, 83, .	1.6	21
599	Measurement of $Z \rightarrow b \bar{b}$ Production in Leptonic Final States at $\sqrt{s}=1.96$ TeV at CDF. <i>Physical Review Letters</i> , 2012, 108, 101801.	2.9	21
600	Search for associated production of a Z boson with a single top quark and for tZ flavour-changing interactions in pp collisions at $\sqrt{s}=8$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	21
601	Search for supersymmetry in events with a \tilde{l}_μ lepton pair and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	21
602	Search for beyond the standard model Higgs bosons decaying into a $b \bar{b}$ pair in pp collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	21
603	Search for W Boson and a C -Odd Higgs Boson in Final States with b and τ Leptons. <i>Physical Review Letters</i> , 2019, 123, 021801.	2.9	21
604	Observation of prompt J/ψ meson elliptic flow in high-multiplicity pPb collisions at $\sqrt{s}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 791, 172-194.	1.5	21
605	Constraints on anomalous $H \rightarrow V \nu \bar{\nu}$ couplings from the production of Higgs bosons decaying to $\tau \nu$ lepton pairs. <i>Physical Review D</i> , 2019, 100, .	1.6	21
606	A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution. <i>Computing and Software for Big Science</i> , 2020, 4, 10.	1.3	21
607	Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	21
608	Measurement of the b jet cross section in events with a Z boson in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2006, 74, .	1.6	20
609	Search for $W \rightarrow e \nu$ boson decaying to electron-neutrino pairs in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2007, 75, .	1.6	20
610	First Observation of Vector Boson Pairs in a Hadronic Final State at the Tevatron Collider. <i>Physical Review Letters</i> , 2009, 103, 091803.	2.9	20
611	First measurement of the ratio of branching fractions $R_B = \mathcal{B}(B \rightarrow \tau \nu) / \mathcal{B}(B \rightarrow e \nu)$. <i>Physical Review Letters</i> , 2009, 103, 091803.	2.9	20

#	ARTICLE	IF	CITATIONS
613	Measurements of CP-conserving trilinear gauge boson couplings WWV ($V = \gamma, Z$) in e^+e^- collisions at LEP2. European Physical Journal C, 2010, 66, 35-56. Search for R -Parity Violating Decays of Sneutrinos to $e\bar{\nu}_\tau$ and $\tau\nu_e$. Physical Review Letters, 2011, 107, 051801.	1.4	20
614	Search for $e\bar{\nu}_\tau$ and $\tau\nu_e$ decays of sneutrinos to $e\bar{\nu}_\tau$ and $\tau\nu_e$. Physical Review Letters, 2011, 107, 051801.	2.9	20
615	Measurement of the inclusive Z cross section via decays to tau pairs in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	20
616	Search for New Dielectron Resonances and Randall-Sundrum Gravitons at the Collider Detector at Fermilab. Physical Review Letters, 2011, 107, 051801.	2.9	20
617	Search for exotic resonances decaying into WZ/ZZ in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	20
618	Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in events with a single lepton, jets, and missing transverse momentum. European Physical Journal C, 2013, 73, 2404.	1.4	20
619	Measurements of the $\overline{\text{charge asymmetry}}$ using the dilepton decay channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	20
620	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.	1.6	20
621	Azimuthal decorrelation of jets widely separated in rapidity in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	20
622	Measurements of the charm jet cross section and nuclear modification factor in pPb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 306-329.	2.9	20
623	Search for $\overline{\text{production}}$ in the all-jet final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
624	Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
625	Search for associated production of a Higgs boson and a single top quark in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 99, .	1.6	20
626	Search for rare decays of Z and Higgs bosons to $\gamma\psi$ and a photon in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 94.	1.4	20
627	Observation of the Production of Three Massive Gauge Bosons at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2020, 125, 151802.	2.9	20
628	Measurement of top quark pair production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	20
629	Measurement of the cross section for electroweak production of a Z boson, a photon and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV and constraints on anomalous quartic couplings. Journal of High Energy Physics, 2020, 2020, 1.	1.6	20
630	A search for the standard model Higgs boson decaying to charm quarks. Journal of High Energy Physics, 2020, 2020, 1.	1.6	20

#	ARTICLE	IF	CITATIONS
631	Search for Excited and Exotic Muons in the $\tilde{\nu}_\tau \rightarrow \nu_\tau \gamma$ Decay Channel in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 191802.	2.9	19
632	Search for a Neutral Higgs Boson Decaying to a W Boson Pair in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 081802.	2.9	19
633	Search for High-Mass Diphoton States and Limits on Randall-Sundrum Gravitons at CDF. Physical Review Letters, 2007, 99, 171801.	2.9	19
634	Search for the supersymmetric partner of the top quark in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2010, 82, .	1.6	19
635	Search for a Dark Matter Candidate Produced in Association with a Single Top Quark in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 201802.	2.9	19
636	Search for $B \rightarrow s \gamma$ in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 107, 081802.	1.6	19
637	Measurement of $\sin^2 \theta_{13}$ in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2014, 89, 072002.	1.6	19
638	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.	1.6	19
639	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into l, ν leptons in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	19
640	Measurement of the differential cross sections for the associated production of a W boson and jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2017, 96, .	1.6	19
641	Principal-component analysis of two-particle azimuthal correlations in PbPb and pp collisions at CMS. Physical Review C, 2017, 96, .	1.6	19
642	Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	19
643	Observation of the $\tilde{\chi}_1^0(3P)$ and $\tilde{\chi}_2^0(3P)$ and Measurement of their Masses. Physical Review Letters, 2018, 121, 092002.	2.9	19
644	Search for the pair production of third-generation squarks with two-body decays to a bottom or charm quark and a neutralino in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 263-291.	1.5	19
645	Search for Physics Beyond the Standard Model in Events with High-Momentum Higgs Bosons and Missing Transverse Momentum in Proton-Proton Collisions at 13 TeV. Physical Review Letters, 2018, 120, 241801.	2.9	19
646	Search for MSSM Higgs bosons decaying to $\tilde{\nu}_\tau \rightarrow \nu_\tau \gamma$ in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134992.	1.5	19
647	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.	1.4	19
648	Limits on anomalous triple gauge couplings in $pp \rightarrow p \gamma \gamma p$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 76, .	1.6	18

#	ARTICLE	IF	CITATIONS
649	Measurement of the hadron production cross section using decays to 4π final states in $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, . Diffraction dijet production in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, .	1.6	18
650	Measurement of the hadron production cross section using decays to 4π final states in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, . Diffraction dijet production in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, .	1.6	18
651	Measurement of $B_s \rightarrow D_s^* \ell \bar{\nu}_\ell$ Branching Ratios. Physical Review Letters, 2012, 108, 201801.	2.9	18
652	Search for quark compositeness in dijet angular distributions from pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. Exclusion of exotic top-like quarks with $m_{\text{min}}=m_{\text{max}}$	1.6	18
653	Search for anomalous W -boson production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. Exclusion of exotic top-like quarks with $m_{\text{min}}=m_{\text{max}}$	1.6	18
654	First Search for Exotic ZBoson Decays into Photons and Neutral Pions in Hadron Collisions. Physical Review Letters, 2014, 112, 111803.	2.9	18
655	Precise measurement of the W -boson mass with the Collider Detector at Fermilab. Physical Review D, 2014, 89, .	1.6	18
656	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.	1.4	18
657	Search for anomalous W -boson production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. Exclusion of exotic top-like quarks with $m_{\text{min}}=m_{\text{max}}$	1.6	18
658	Measurement of normalized differential $\sigma(\text{hadrons})/\sigma(\text{hadrons})$ cross sections in the dilepton channel from pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	18
659	Measurements of the differential jet cross section as a function of the jet mass in dijet events from proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	18
660	Search for resonant pair production of Higgs bosons decaying to bottom quark-antiquark pairs in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	18
661	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.	1.4	18
662	Measurement of the differential Drell-Yan cross section in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	18
663	Observation of nuclear modifications in W^{\pm} boson production in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135048. Running of the top quark mass from proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 629.	1.5	18
664	Running of the top quark mass from proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 629.	1.5	18
665	MUSIC: a model-unspecific search for new physics in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 629.	1.4	18
666	Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 970.	1.4	18

#	ARTICLE	IF	CITATIONS
667	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2022, 82, 290.	1.4	18
668	A measurement of the branching fractions of the b-quark into charged and neutral b-hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 576, 29-42.	1.5	17
669	Measurement of mass and width of the excited charmed meson states D_{10} and D_{2^*0} at CDF. Physical Review D, 2006, 73, .	1.6	17
670	Study of b-quark mass effects in multijet topologies with the DELPHI detector at LEP. European Physical Journal C, 2008, 55, 525-538.	1.4	17
671	Search for the Higgs boson in events with Missing Transverse Energy and Quark Jets Produced in pp collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 160-167.	2.9	17
672	Cross-Section-Constrained Top-Quark Mass Measurement from Dilepton Events at the Tevatron. Physical Review Letters, 2008, 100, 062005.	2.9	17
673	Measurement of W-boson helicity fractions in top-quark decays using $\cos\theta_{13}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 674, 160-167.	1.5	17
674	Search for resonant production of top quark pairs in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	17
675	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. Physical Review D, 2012, 86, .	1.6	17
676	Search for stopped long-lived particles produced in pp collisions at $\sqrt{s}=\sqrt{7}$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	17
677	Measurement of the top quark mass in the all-hadronic mode at CDF. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 24-31.	1.5	17
678	Measurement of the Λ_b^0 lifetime in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	17
679	Combination of searches for the Higgs boson using the full CDF data set. Physical Review D, 2013, 88, .	1.6	17
680	Measurement of the B_c meson lifetime in the decay $B_c \rightarrow \tau \nu_\tau$. Physical Review D, 2013, 88, .	1.6	17
681	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.	1.6	17
682	Probing color coherence effects in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2014, 74, 2901.	1.4	17
683	Measurement of the ratio of the production cross sections times branching fractions of $B_c \rightarrow \tau \nu_\tau$ and $B_c \rightarrow \mu \nu_\mu$. Physical Review D, 2015, 91, 074014.	1.6	17
684	Search for new physics with the M _{T2} variable in all-jets final states produced in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17

#	ARTICLE	IF	CITATIONS
685	Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos, and b quarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 137-162.	1.5	17
686	Search for new physics in the monophoton final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	17
687	Measurement of electroweak-induced production of $W\Gamma^3$ with two jets in pp collisions at $\sqrt{s}=8$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2017, 2017, 1.	1.6	17
688	Measurements of jet charge with dijet events in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	17
689	Constraints on the double-parton scattering cross section from same-sign W boson pair production in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
690	Charged-particle nuclear modification factors in XeXe collisions at $\sqrt{s_{\text{NN}}}=5.44$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
691	Angular analysis of the decay $B \rightarrow K^* K^{1/4+1/4}$ in proton-proton collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2018, 98, .	1.6	17
692	Search for long-lived particles with displaced vertices in multijet events in proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2018, 98, .	1.6	17
693	Search for $Z\Gamma^3$ resonances using leptonic and hadronic final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
694	Measurement of the production cross section for single top quarks in association with W bosons in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
695	Search for the decay of a Higgs boson in the $\gamma\gamma, \gamma\Gamma^3$ channel in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
696	Measurement of charged particle spectra in minimum-bias events from proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 697.	1.4	17
697	Electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	17
698	Measurement of the associated production of a single top quark and a Z boson in pp collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 358-384.	1.7	17
699	Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	17
700	Combination of CMS searches for heavy resonances decaying to pairs of bosons or leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134952.	1.5	17
701	Studies of Beauty Suppression via Nonprompt Mesons in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review Letters, 2019, 123, 022001.	2.9	17
702	Measurement of the Production Cross Section in $pp \rightarrow \tau^+\tau^-$ Collisions at $\sqrt{s}=1.96$ TeV Using Missing ET+jets Events with Secondary Vertex Tagging. Physical Review Letters, 2006, 96, 202002.	2.9	16

#	ARTICLE	IF	CITATIONS
703	Observation of the muon inner bremsstrahlung at LEP1. European Physical Journal C, 2008, 57, 499-514.	1.4	16
704	Search for third generation vector leptoquarks in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2008, 77, .	1.6	16
705	First Observation of the Decay $B_s \rightarrow D_s + \gamma$ and Measurement of Its Branching Ratio. Physical Review Letters, 2008, 100, 021803.	2.9	16
706	Search for new color-octet vector particle decaying to $t\bar{t}$. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ in $t\bar{t}$ production. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle$	1.5	16
707	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. Physical Review D, 2011, 83, .	1.6	16
708	Search for a Very Light Odd Higgs Boson in Top Quark Decays from $t\bar{t}$. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ Collisions at $\sqrt{s}=7$ TeV. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$	2.9	16
709	Measurements of branching fraction ratios and CP-asymmetries in suppressed $B \rightarrow D$ decays. Physical Review D, 2011, 84, .	1.6	16
710	Search for scalar top quark production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	16
711	Measurement of the inclusive production cross sections for forward jets and for dijet events with one forward and one central jet in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	16
712	Measurement of the $t\bar{t}$ production cross section in the all-jet final state in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	16
713	Measurement of the hadronic activity in events with a Z and two jets and extraction of the cross section for the electroweak production of a Z with two jets in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	16
714	Measurement of jet multiplicity distributions in $t\bar{t}$ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2014, 74, 3014.	1.4	16
715	Measurement of dijet azimuthal decorrelation in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 536.	1.4	16
716	Search for excited leptons in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	16
717	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.	1.6	16
718	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.	1.4	16
719	Search for heavy resonances decaying to a top quark and a bottom quark in the lepton+jets final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and Mesurements of $t\bar{t}$. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$	1.5	16
720	Measurements of cross sections in association with b jets and inclusive jets and their ratio using dilepton final states in pp collisions at $\sqrt{s}=13$ TeV. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$	1.5	16

#	ARTICLE	IF	CITATIONS
721	Measurement of associated Z + charm production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 287.	1.4	16
722	Search for pair-produced resonances decaying to quark pairs in proton-proton collisions at $s=13$ TeV. Physical Review D, 2018, 98, .	1.6	16
723	Search for single production of vector-like quarks decaying to a b quark and a Higgs boson. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
724	Search for low-mass resonances decaying into bottom quark-antiquark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 99, .	1.6	16
725	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.	1.4	16
726	Measurement of the $t \rightarrow b \tau$ branching fraction in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2019, 123, 111801.	1.5	16
727	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow D_s \tau^+ \nu_\tau)/B(B \rightarrow D \tau^+ \nu_\tau)$ and $B(B \rightarrow D^* \tau^+ \nu_\tau)/B(B \rightarrow D \tau^+ \nu_\tau)$. Physical Review Letters, 2006, 96, 191801.	2.9	15
728	Search for Anomalous Production of Multilepton Events in $p\bar{p}$ Collisions at $s=1.96$ TeV. Physical Review Letters, 2007, 98, 131804.	2.9	15
729	Investigation of Colour Reconnection in WW events with the DELPHI detector at LEP-2. European Physical Journal C, 2007, 51, 249.	1.4	15
730	Search for heavy, long-lived neutralinos that decay to photons at CDF II using photon timing. Physical Review D, 2008, 78, .	1.6	15
731	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.	2.9	15
732	Direct Bound on the Total Decay Width of the Top Quark in $p\bar{p}$ Collisions at $s=1.96$ TeV. Physical Review Letters, 2009, 102, 042001.	2.9	15
733	Top quark mass measurement in the lepton plus jets channel using a modified matrix element method. Physical Review D, 2009, 79, .	1.6	15
734	Exclusion of an Exotic Top Quark with $2/3$ Electric Charge Using Soft Lepton Tagging. Physical Review Letters, 2010, 105, 101801.	2.9	15
735	Search for single top quark production in $p\bar{p}$ collisions at $s=1.96$ TeV in the missing transverse energy plus jets topology. Physical Review D, 2010, 81, .	1.6	15
736	Search for heavy metastable particles decaying to jet pairs in $p\bar{p}$ collisions at $s=1.96$ TeV. Physical Review D, 2012, 85, .	1.6	15
737	Search for the Standard Model Higgs Boson Produced in Association with Top Quarks Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 181802.	2.9	15
738	Search for a fermiophobic Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	15

#	ARTICLE	IF	CITATIONS
757	Search for anomalous triple gauge couplings in WW and WZ production in lepton + jet events in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	15
758	Measurement of the $\tilde{\chi}^0$ production cross section in $pp \rightarrow \tilde{\chi}^0$ collisions at $\sqrt{s} = 1.96$ TeV in the all hadronic decay mode. Physical Review D, 2006, 74, .	1.6	14
759	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow D_s^* \ell^+ \ell^-) / B(B \rightarrow D^* \ell^+ \ell^-)$ and $B(B_s \rightarrow D_s^* \ell^+ \ell^-) / B(B \rightarrow D^* \ell^+ \ell^-)$. Physical Review Letters, 2007, 98, 061802.	2.9	14
760	Direct Measurement of the W Boson Width in $pp \rightarrow \tilde{\chi}^0$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 061802.	2.9	14
761	Distribution of Particles in Jets Produced in $pp \rightarrow \tilde{\chi}^0$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 061802.	2.9	14
762	Search for anomalous production of events with two photons and additional energetic objects at CDF. Physical Review D, 2010, 82, .	1.6	14
763	Search for resonant production of $\tilde{\chi}^0$ decaying to jets in $pp \rightarrow \tilde{\chi}^0$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 211805.	1.6	14
764	Search for a Heavy Particle Decaying to a Top Quark and a Light Quark in $pp \rightarrow \tilde{\chi}^0$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 211805.	2.9	14
765	Search for third-generation leptoquarks and scalar bottom quarks in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	14
766	Search for a Higgs boson in the diphoton final state using the full CDF data set from $pp \rightarrow \tilde{\chi}^0$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 211805.	1.5	14
767	Measurement of indirect CP-violating asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \ell^+ \ell^-$ decays at CDF. Physical Review D, 2014, 90, .	1.6	14
768	Measurement of $\sin^2 \theta_{13}$ using $pp \rightarrow \tilde{\chi}^0$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 211805.	1.6	14
769	Search for supersymmetry in pp collisions at $\sqrt{s} = 13$ TeV in the single-lepton final state using the sum of masses of large-radius jets. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
770	Search for associated production of dark matter with a Higgs boson decaying to $b \bar{b}$ or $\tau^+ \tau^-$ at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
771	Measurements of differential production cross sections for a Z boson in association with jets in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
772	Search for black holes and other new phenomena in high-multiplicity final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 279-307.	1.6	14
773	Search for supersymmetry in events with at least one photon, missing transverse momentum, and large transverse event activity in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
774	Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	14

#	ARTICLE	IF	CITATIONS
775	Evidence for the Associated Production of a Single Top Quark and a Photon in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV Physical Review Letters, 2018, 121, 221802.	2.9	14

776	Studies of $B_s^0 \rightarrow B_s^- \pi^+$ and $B_s^0 \rightarrow B_s^- \pi^0$		
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793	Measurement of event shapes in $pp \rightarrow \gamma \gamma$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 83, .	1.6	13
794	Search for light resonances decaying into pairs of muons as a signal of new physics. Journal of High Energy Physics, 2011, 2011, 1.	1.6	13
795	Measurement of the B_s^0 Lifetime in Fully and Partially Reconstructed $B_s^0 \rightarrow D_s^{\pm} (\bar{D}_s^{\pm}) X$ Decays in $pp \rightarrow \gamma \gamma$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 272001.	2.9	13
796	Search for a Low-Mass Standard Model Higgs Boson in the $h \rightarrow \gamma \gamma$ Decay Channel in $pp \rightarrow \gamma \gamma$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 181804.	2.9	13
797	Measurement of CP-violation asymmetries in $D^0 \rightarrow K_S^0 \pi^+ \pi^-$. Physical Review D, 2012, 86, .	1.6	13
798	Measurement of the underlying event activity in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the novel jet-area/median approach. Journal of High Energy Physics, 2012, 2012, 1.	1.6	13
799	Search for high-mass resonances decaying into ZZ in $pp \rightarrow \gamma \gamma$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	1.6	13
800	Search for heavy quarks decaying into a top quark and a W or Z boson using lepton + jets events in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	13
801	Updated search for the standard model Higgs boson in events with jets and missing transverse energy using the full CDF data set. Physical Review D, 2013, 87, .	1.6	13
802	Top-quark mass measurement in events with jets and missing transverse energy using the full CDF data set. Physical Review D, 2013, 88, .	1.6	13
803	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.	1.6	13
804	Search for dark matter in proton-proton collisions at 8 TeV with missing transverse momentum and vector boson tagged jets. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
805	Combined Forward-Backward Asymmetry Measurements in Top-Antitop Quark Production at the Tevatron. Physical Review Letters, 2018, 120, 042001.	2.9	13
806	Search for top squarks decaying via four-body or chargino-mediated modes in single-lepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
807	Measurement of the underlying event activity in inclusive Z boson production in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
808	Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
809	Search for CP-violating supersymmetry in pp collisions at $\sqrt{s} = 13$ TeV using b jets in a final state with a single lepton, many jets, and high sum of large-radius jet masses. Physics Letters. Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 114-139.	1.5	13
810	Jet properties in PbPb and pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13

#	ARTICLE	IF	CITATIONS
829	Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
830	Search for dark matter produced in association with a Higgs boson decaying to $\tilde{\tau}^3$ or $\tilde{\tau}, +\tilde{\tau}, \hat{a}^*$ at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
831	An embedding technique to determine $\tilde{\tau}, \tilde{\tau}$ backgrounds in proton-proton collision data. Journal of Instrumentation, 2019, 14, P06032-P06032.	0.5	12
832	Search for Higgs and Z boson decays to J/ψ or Y pairs in the four-muon final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134811.	1.5	12
833	Search for Dark Matter Particles Produced in Association with a Top Quark Pair at $\sqrt{s}=13$ TeV. Physical Review Letters, 2019, 122, 011803.	2.9	12
834	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.	1.4	12
835	Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
836	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.	1.4	12
837	Measurement of the single top quark and antiquark production cross sections in the t channel and their ratio in proton-proton collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 797, 134811.	1.5	12
838	Constraints on the Energy of the Higgs boson in proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2020, 124, 1.	2.9	12
839	Polarizations in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2020, 124, 1.	2.9	12
839	Development and validation of HERWIG7 tunes from CMS underlying-event measurements. European Physical Journal C, 2021, 81, 312.	1.4	12
840	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	12
841	Search for Scalar Bottom Quarks from Gluino Decays in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 171802.	1.5	11
842	Search for Scalar Bottom Quarks from Gluino Decays in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 171802.	2.9	11
843	Search for Chargino-Neutralino Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 191806.	2.9	11
844	Search for new physics in lepton+photon+X events with $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	1.6	11
845	Measurement of b-jet shapes in inclusive jet production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 191806.	1.6	11
846	A study of $b\bar{b}$ production in e^+e^- collisions at $\sqrt{s}=130$ GeV. European Physical Journal C, 2009, 60, 1-15.	1.4	11

#	ARTICLE	IF	CITATIONS
847	Search for the Higgs Boson Using Neural Networks in Events with Missing Energy and b-Quark Jets in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 141801.	2.9	11
848	Search for new physics with long-lived particles decaying to photons and missing energy in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	11
849	Forward energy flow, central charged-particle multiplicities, and pseudorapidity gaps in W and Z boson events from pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	11
850	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow \gamma\gamma, \gamma Z, \gamma\gamma, \gamma Z, \gamma\gamma$ decay channel in pp collisions at $\sqrt{s}=7, 8$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.8	11
851	Measurement of the top-quark pair-production cross section in events with two leptons and bottom-quark jets using the full CDF data set. Physical Review D, 2013, 88, .	1.6	11
852	Measurement of the $Z\gamma^3$ 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.	1.6	11
853	Search for electroweak production of charginos in final states with two \tilde{l} , leptons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
854	Measurement of the semileptonic $t\bar{t} \rightarrow \text{lepton} + \gamma + \gamma + \gamma$ production cross section in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
855	Search for gluon-mediated squark production in events with at least one lepton and missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2018, 80, 118-14.	1.5	11
856	Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos and b quarks at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
857	Precision measurement of the structure of the CMS inner tracking system using nuclear interactions. Journal of Instrumentation, 2018, 13, P10034-P10034.	0.5	11
858	Search for a heavy resonance decaying to a pair of vector bosons in the lepton plus merged jet final state at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
859	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.	1.4	11
860	Search for nonresonant Higgs boson pair production in the $\text{b}\bar{\text{b}}\text{b}\bar{\text{b}}$ final state at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
861	Study of the underlying event in top quark pair production in $p\bar{p}$ collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 123.	1.4	11
862	Search for the production of four top quarks in the single-lepton and opposite-sign dilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
863	Bose-Einstein correlations of charged hadrons in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
864	Search for supersymmetry in pp collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2020, 101, .	1.6	11

#	ARTICLE	IF	CITATIONS
865	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.	1.4	11
866	Search for standard model Higgs boson production in association with a W boson at CDF. Physical Review D, 2008, 78, .	1.6	10
867	Search for the Associated Production of the Standard-Model Higgs Boson in the All-Hadronic Channel. Physical Review Letters, 2009, 103, 221801.	2.9	10
868	Search for the Higgs boson produced in association with a Z boson at CDF. Physical Review D, 2009, 80, .	1.6	10
869	Measurement of the top quark mass at CDF using the matrix element method in all hadronic channel using a matrix element technique. Physical Review D, 2009, 80, .	1.6	10
870	Measurement of the top quark mass at CDF using the $\bar{t} \rightarrow e \nu_e$ neutrino weighting template method on a lepton plus isolated track sample. Physical Review D, 2009, 79, .	1.6	10
871	Measurement of the $WW+WZ$ production cross section using a matrix element technique in lepton+jet events. Physical Review D, 2010, 82, .	1.6	10
872	Search for New Physics with a Dijet Plus Missing ET Signature in $pp \rightarrow \gamma \gamma$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 131801.	2.9	10
873	Measurement of the top pair production cross section in the $pp \rightarrow t \bar{t} \rightarrow e \bar{e} \mu \nu_e \nu_\mu$ channel using a jet flavor discriminant. Physical Review D, 2011, 84, .	1.5	10
874	Measurement of the top pair production cross section in the $pp \rightarrow t \bar{t} \rightarrow e \bar{e} \mu \nu_e \nu_\mu$ channel using a jet flavor discriminant. Physical Review D, 2011, 84, .	1.6	10
875	Measurement of the mass difference between top and antitop quarks. Physical Review D, 2013, 87, .	1.6	10
876	Measurement of the Single Top Quark Production Cross Section and $ V_{tb} $ in Events with One Charged Lepton, Large Missing Transverse Energy, and Jets at CDF. Physical Review Letters, 2014, 113, 261804.	2.9	10
877	Study of top quark production and decays involving a tau lepton at CDF and limits on a charged Higgs boson contribution. Physical Review D, 2014, 89, .	1.6	10
878	Measurement of the underlying event activity using charged-particle jets in proton-proton collisions at $s = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	10
879	Measurements of the $pp \rightarrow W \gamma \gamma$ and $pp \rightarrow Z \gamma \gamma$ cross sections and limits on anomalous quartic gauge couplings at $s = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
880	Measurement of the inclusive energy spectrum in the very forward direction in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
881	Search for a light pseudoscalar Higgs boson produced in association with bottom quarks in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
882	Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2018, 78, 242.	1.4	10

#	ARTICLE	IF	CITATIONS
883	Search for Higgsino pair production in pp collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review D</i> , 2018, 97, 114011.	1.6	10
884	Measurement of the $Z/\gamma^* \rightarrow \mu\mu$ cross section in pp collisions at $\sqrt{s} = 13$ TeV and validation of $Z/\gamma^* \rightarrow \mu\mu$. <i>European Physical Journal C</i> , 2018, 78, 708.	1.4	10
885	Search for a heavy resonance decaying into a Z boson and a vector boson in the $u\bar{u} \rightarrow Zq\bar{q}$ final state. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	10
886	Search for supersymmetry with Higgs boson to diphoton decays using the razor variables at $\sqrt{s} = 13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 779, 166-190.	1.6	10
887	Search for vectorlike light-flavor quark partners in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review D</i> , 2018, 97, 114011.	1.6	10
888	Search for the production of W^+W^- events at $\sqrt{s} = 13$ TeV. <i>Physical Review D</i> , 2019, 100, .	1.6	10
889	Search for resonances decaying to a pair of Higgs bosons in the $b\bar{b} \rightarrow Zq\bar{q}$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	10
890	Measurement of differential cross sections for Z boson pair production in association with jets at $\sqrt{s} = 13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 789, 19-44.	1.6	10
891	Measurement of quark- and gluon-like jet fractions using jet charge in PbPb and pp collisions at $\sqrt{s} = 5.02$ TeV. <i>Physical Review C</i> , 2020, 101.	1.1	10
892	Measurement of quark- and gluon-like jet fractions using jet charge in PbPb and pp collisions at 5.02 TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	10
893	Evidence for W^+W^- production from double-parton interactions in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	10
894	Search for $B_s^0 \rightarrow \tau^+ \tau^-$ and $B_d^0 \rightarrow \tau^+ \tau^-$ Decays in pp Collisions with CDF II [Phys. Rev. Lett. 95, 221805 (2005)]. <i>Physical Review Letters</i> , 2005, 95, .	2.9	9
895	A search for $t\bar{t} \rightarrow Zq\bar{q}$ in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 639, 172-178.	1.5	9
896	Search for Higgs Bosons Decaying and Produced in Association with W Bosons in pp Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2006, 96, 081803.	2.9	9
897	First measurement of the fraction of top-quark pair production through gluon-gluon fusion. <i>Physical Review D</i> , 2008, 78, .	1.6	9
898	Two-particle momentum correlations in jets produced in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2008, 77, .	1.6	9
899	Improved Search for a Higgs Boson Produced in Association with Z in pp Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2010, 105, 251802.	2.9	9
900	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. <i>Physical Review D</i> , 2012, 85, .	1.6	9

#	ARTICLE	IF	CITATIONS
901	Measurement of the mass difference between top quark and antiquark in pp collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 50-71.	1.5	9
902	Search for resonances in the mass spectrum of muon pairs produced in association with b quark jets in proton-proton collisions at $\sqrt{s} = 8$ and 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	9
903	Search for lepton-flavor violating decays of heavy resonances and quantum black holes to $e\tau$ final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	9
904	Azimuthal correlations for inclusive 2-jet, 3-jet, and 4-jet events in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	9
905	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.	1.4	9
906	Search for a low-mass \tilde{t}, \tilde{t}^* resonance in association with a bottom quark in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	9
907	Combinations of single-top-quark production cross-section measurements and $ f_{LVtb} $ determinations at $\sqrt{s} = 7$ and 8 TeV with the ATLAS and CMS experiments. Journal of High Energy Physics, 2019, 2019, 1.	1.6	9
908	Pseudorapidity distributions of charged hadrons in xenon-xenon collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physical Review Letters, 2019, 123, 1.	1.5	9
909	Combination of the W boson polarization measurements in top quark decays using ATLAS and CMS data at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	9
910	Multiparticle correlation studies in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 101, .	1.1	9
911	Search for a heavy vector resonance decaying to a Z boson and a Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 688.	1.4	9
912	Search for ZZ and ZW production in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2005, 71, .	1.6	8
913	Cross section measurements of high-pT dilepton final-state processes using a global fitting method. Physical Review D, 2008, 78, .	1.6	8
914	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon b-tagged events. Physical Review D, 2009, 80, .	1.6	8
915	Measurement of $Z\tau^3$ production in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2010, 82, .	1.6	8
916	Updated search for the flavor-changing neutral-current decay $D_0 \rightarrow \tau^+ \tau^-$ in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2010, 82, .	1.6	8
917	Measurement of the top-quark mass in the lepton+jets channel using a matrix element technique with the CDF II detector. Physical Review D, 2011, 84, .	1.6	8
918	Measurement of the B^0 lifetime using a simulation free approach for trigger bias correction. Physical Review D, 2011, 83, .	1.6	8

#	ARTICLE	IF	CITATIONS
919	Search for the standard model Higgs boson produced in association with a W^{\pm} boson with 7.5 fb ⁻¹ integrated luminosity at CDF. Physical Review D, 2012, 86, .	1.6	8
920	Measurement of the top-quark mass in the all-hadronic channel using the full CDF data set. Physical Review D, 2014, 90, .	1.6	8
921	Measurement of the ZZ production cross section using the full CDF II data set. Physical Review D, 2014, 89, .	1.6	8
922	Measurement of the B_c^{\pm} production cross section in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2016, 93, .	1.6	8
923	Searches for $W^{\pm 2}$ bosons decaying to a top quark and a bottom quark in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	8
924	Search for a heavy composite Majorana neutrino in the final state with two leptons and two quarks at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 775, 315-337.	1.6	8
925	Pseudorapidity distributions of charged hadrons in proton-lead collisions at $\sqrt{s_{NN}}=5.02$ and 8.16 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
926	Pseudorapidity and transverse momentum dependence of flow harmonics in pPb and PbPb collisions. Physical Review C, 2018, 98, .	1.1	8
927	Search for a heavy resonance decaying into a Z boson and a Z or W boson in $2q$ final states at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
928	Search for supersymmetry in final states with photons and missing transverse momentum in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	8
929	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.	1.4	8
930	Measurement of inclusive very forward jet cross sections in proton-lead collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	8
931	Measurement of CKM matrix elements in single top quark channel production in proton-proton collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 808, 135609.	1.1	8
932	Measurement of inclusive $f_1(1285)$ and $f_1(1420)$ production in Z decays with the DELPHI detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 569, 129-139.	1.5	8
933	Search for scalar leptoquark pairs decaying to $t\bar{t}q\bar{q}$ in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	7
935	Search for New Physics in Lepton+Photon+X Events with 305 fb ⁻¹ of pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 97, 031801.	2.9	7
936	Search for exotic $S=2$ baryons in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	1.6	7

#	ARTICLE	IF	CITATIONS
937	Measurement of the top-quark mass using missingET+jetsevents with secondary vertexb-tagging at CDF II. Physical Review D, 2007, 75, .	1.6	7
938	Search for Technicolor Particles Produced in Association with a W Boson at CDF. Physical Review Letters, 2010, 104, 111802.	2.9	7
939	Search for new heavy particles decaying to $Z\gamma$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 83, .	1.6	7
940	Measurement of the Cross Section for Prompt Isolated Diphoton Production in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	2.9	7
941	Top-Quark Mass Measurement Using Events with Missing Transverse Energy and Jets at CDF. Physical Review Letters, 2011, 107, 232002.	2.9	7
942	Search for a Higgs Boson in the Diphoton Final State in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 011801.	2.9	7
943	Novel inclusive search for the Higgs boson in the four-lepton final state at CDF. Physical Review D, 2012, 86, .	1.6	7
944	Invariant-mass distribution of jet pairs produced in association with a W boson in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	1.6	7
945	Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	7
946	Search for excited quarks of light and heavy flavor in γ -jet final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 390-411.	1.5	7
947	Combination of inclusive and differential $t\bar{t}$ charge asymmetry measurements using ATLAS and CMS data at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	7
948	Search for the associated production of the Higgs boson and a vector boson in proton-proton collisions at $\sqrt{s}=13$ TeV via Higgs boson decays to $\tau\tau$, leptons. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
949	Study of central exclusive "Equation missing" $\gamma\gamma$ production in proton-proton collisions at $\sqrt{s}=5.02$ and 13 TeV. European Physical Journal C, 2020, 80, 718.	1.4	7
950	Measurement of the top quark forward-backward production asymmetry and the anomalous chromoelectric and chromomagnetic moments in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	7
951	Study of leading hadrons in gluon and quark fragmentation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 643, 147-157.	1.5	6
952	Search for narrow resonances lighter than η' mesons. European Physical Journal C, 2009, 62, 319-326.	1.4	6
953	Search for standard model Higgs boson production in association with a W boson using a neural network discriminant at CDF. Physical Review D, 2009, 80, .	1.6	6
954	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 102003.	1.6	6

#	ARTICLE	IF	CITATIONS
955	Measurement of the cross section for production of $t\bar{t}$ decaying to muons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	6
956	Measurement of the branching fraction $B(\bar{b} \rightarrow c + \bar{c} + \bar{c})$ at CDF. Physical Review D, 2012, 85, .	1.6	6
958	Search for production with missing transverse energy and jets with the CDF II detector. Physical Review D, 2013, 88, .	1.6	6
959	Searches for the Higgs boson decaying to $W+W$ at $\sqrt{s} = 7, 8, 13$ TeV with the CDF II detector. Physical Review D, 2013, 88, .	1.6	6
960	Comparison of the $Z/\bar{t} + \text{jets}$ to $\bar{t} + \text{jets}$ cross sections in pp collisions at $s = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
961	Distributions of topological observables in inclusive three- and four-jet events in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 302.	1.4	6
962	Measurement of the forward-backward asymmetry of top-quark and antiquark pairs using the full CDF Run II data set. Physical Review D, 2016, 93, .	1.6	6
963	Search for supersymmetry in events with at least three electrons or muons, jets, and missing transverse momentum in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 96.	1.1	6
964	Search for supersymmetry in events with at least three electrons or muons, jets, and missing transverse momentum in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
965	Centrality and pseudorapidity dependence of the transverse energy density in pp collisions at $\sqrt{s} = 13$ TeV. Physical Review C, 2019, 100, .	1.1	6
966	Search for dark matter in events with a leptoquark and missing transverse momentum in proton-proton collisions at 13 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 76-99.	1.5	6
967	Measurement of the top quark Yukawa coupling from $t\bar{t}$ kinematic distributions in the lepton+jets final state in proton-proton collisions at $s = 13$ TeV. Physical Review D, 2019, 100, .	1.6	6
968	Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
969	Measurements of triple-differential cross sections for inclusive isolated-photon+jet events in pp collisions at $\sqrt{s} = 8, 13$ TeV. European Physical Journal C, 2019, 79, 969.	1.4	6
970	Search for dijet resonances using events with three jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135448.	1.5	6
971	Determination of the strong coupling constant $\alpha_s(m_Z)$ from measurements of inclusive W and Z boson production cross sections in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	6
972	Search for Supersymmetry with a Compressed Mass Spectrum in Events with a Soft Lepton, a Highly Energetic Jet, and Large Missing Transverse Momentum in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2020, 124, 041803.	2.9	6

#	ARTICLE	IF	CITATIONS
973	meson production inside jets in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.5	6
974	Search for the associated production of the Higgs boson with a top-quark pair. , 2014, 2014, 1.		6
975	Observation of the $\Lambda_b^0 \rightarrow \Lambda^0 \ell^+ \ell^-$ decay in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135203.	1.5	6
976	Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
977	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
978	Coherent soft particle production in Z decays into three jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 605, 37-48.	1.5	5
979	Search for pentaquarks in the hadronic decays of the Z boson with the DELPHI detector at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 653, 151-160.	1.5	5
980	Search for new heavy particles decaying to $Z\gamma$. Physical Review D, 2008, 78, .	1.6	5
981	Search for new physics in the $W \rightarrow \ell \ell \nu$ decays with a low- p_T lepton. Physical Review D, 2009, 79, .	1.6	5
982	Searching the inclusive $W \rightarrow \ell \ell \nu$ signature for radiative top quark decay and non-standard-model processes. Physical Review D, 2009, 80, .	1.6	5
983	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.	1.4	5
984	Measurement of $t\bar{t}$ production cross section with an in-situ calibration of b-jet identification efficiency. Physical Review D, 2011, 83, .	1.6	5
985	Search for single top quark production via contact interactions at LEP2. European Physical Journal C, 2011, 71, 1.	1.4	5
986	Search for the rare radiative decay $W \rightarrow \tau^+ \nu_\tau \gamma$ in W collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	1.6	5
987	Search for anomalous production of multiple leptons in association with W and Z bosons at CDF. Physical Review D, 2012, 85, .	1.6	5
988	Search for the Higgs boson in the all-hadronic final state using the full CDF data set. Journal of High Energy Physics, 2013, 2013, 1.	1.6	5
989	Search for a Two-Higgs-Boson Doublet Using a Simplified Model in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2013, 87, .	1.6	5
990	Search for anomalous production of multiple leptons in association with W and Z bosons at CDF. Physical Review D, 2012, 85, .	2.9	5

#	ARTICLE	IF	CITATIONS
991	Measurement of the top-quark mass in the $t\bar{t}\gamma$ dilepton channel using the full CDF Run II data set. Physical Review D, 2015, 92, .	1.6	5
992	Measurement of the production and differential cross sections of $W+W\gamma$ bosons in association with jets in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2015, 91, .	1.6	5
993	Search for Resonances Decaying to Top and Bottom Quarks with the CDF Experiment. Physical Review Letters, 2015, 115, 061801.	2.9	5
994	Tevatron Constraints on Models of the Higgs Boson with Exotic Spin and Parity Using Decays to Bottom-Antibottom Quark Pairs. Physical Review Letters, 2015, 114, 151802.	2.9	5
995	Search for production of an excited top quark decaying to a top quark and a photon in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	5
996	Measurement of electroweak production of a W boson and two forward jets in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	5
997	Search for the production of an excited bottom quark decaying to tW in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	5
998	Search for a heavy resonance decaying to a top quark and a vector-like top quark at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	5
999	Measurement of the inclusive $\overline{\text{t}}\text{t}$ cross section in pp collisions at $\sqrt{s}=5.02$ TeV using final states with at least one charged lepton. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
1000	Observation of the $Z\gamma^*\gamma^*$, $Z\gamma^*\gamma$, $Z\gamma\gamma$ Decay in pp Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2018, 121, 141801		
1001	Search for a $W\gamma^2$ boson decaying to a vector-like quark and a top or bottom quark in the all-jets final state. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
1002	Search for the pair production of light top squarks in the $e^+e^- \rightarrow t\bar{t}\gamma^*$ final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
1003	Search for pair-produced three-jet resonances in proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2019, 99, .	1.6	5
1004	Measurement of the cross section for $\overline{\text{t}}\text{t}$ production with additional jets and b jets in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	5
1005	Measurements with silicon photomultipliers of dose-rate effects in the radiation damage of plastic scintillator tiles in the CMS hadron endcap calorimeter. Journal of Instrumentation, 2020, 15, P06009-P06009.	0.5	5
1006	Measurement of energy flow at large pseudorapidities in pp collisions at ($\sqrt{s}=0.9$) and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.		5
1007	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.	1.4	5
1008	Search for flavor-changing neutral current interactions of the top quark and the Higgs boson decaying to a bottom quark-antiquark pair at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	5

#	ARTICLE	IF	CITATIONS
1009	Search for long-lived particles decaying into muon pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV collected with a dedicated high-rate data stream. Journal of High Energy Physics, 2022, 2022, .	1.6	5
1010	Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	5
1011	Search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	5
1012	Search for a fourth generation b^c -quark at LEP-II at $\sqrt{s} = 196$ GeV. European Physical Journal C, 2007, 50, 507-518.	1.4	4
1013	Search for the Higgs Boson Produced in Association with $Z\gamma$, $Z\gamma^*$, $Z\gamma^* \rightarrow \gamma\gamma$ in pp -Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 251803.	2.9	4
1014	Search for the neutral current top quark decay $t \rightarrow Zc$ using the ratio of $t \rightarrow Zc$ to $t \rightarrow Wb$. Physical Review Letters, 2008, 101, 251803.	1.6	4
1015	Search for anomalous production of events with a photon, jet, b-quark jet, and missing transverse energy. Physical Review D, 2009, 80, .	1.6	4
1016	Search for the Higgs boson in the all-hadronic final state using the CDF II detector. Physical Review D, 2011, 84, .	1.6	4
1017	Search for new phenomena in events with two Z bosons and missing transverse momentum in pp -collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	1.6	4
1018	Search for Supersymmetry with Like-Sign Lepton-Tau Events at CDF. Physical Review Letters, 2013, 110, 201802.	2.9	4
1019	Signature-based search for delayed photons in exclusive photon plus missing transverse energy events from pp -collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2013, 88, .	1.6	4
1020	Search for the production of $t \rightarrow Wc$ and $t \rightarrow Zc$ boson pairs decaying into charged leptons and jets in pp -collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 110, 201802.	1.6	4
1021	Search for pair production of excited top quarks in the lepton + jets final state. Journal of High Energy Physics, 2014, 2014, 1.	1.6	4
1022	First measurement of the forward-backward asymmetry in bottom-quark pair production at high mass. Physical Review D, 2015, 92, .	1.6	4
1023	Measurement of vector boson plus $D^*(2010)$ meson production in pp -collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2016, 93, .	1.6	4
1024	Measurement of the W and WZ production cross section using final states with a charged lepton and heavy-flavor jets in the full CDF Run II data set. Physical Review D, 2016, 94, .	1.6	4
1025	Measurement of differential cross sections in the kinematic angular variable $\tilde{\Gamma}^*$ for inclusive Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
1026	Search for ZZ resonances in the $Z\gamma$, $Z\gamma^*$ final state in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4

#	ARTICLE	IF	CITATIONS
1027	Event shape variables measured using multijet final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
1028	Search for Pair-Produced Resonances Each Decaying into at Least Four Quarks in Proton-Proton Collisions at $s=13$ TeV. Physical Review Letters, 2018, 121, 141802.	2.9	4
1029	Search for supersymmetry in events with one lepton and multiple jets exploiting the angular correlation between the lepton and the missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 384-409.	1.5	4
1030	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.	1.4	4
1031	Search for $W \rightarrow 3\pi$ Boson Decays to Three Charged Pions. Physical Review Letters, 2019, 122, 151802.	2.9	4
1032	The production of isolated photons in PbPb and pp collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
1033	Search for supersymmetry in proton-proton collisions at $\sqrt{s}=13$ TeV in events with high-momentum Z bosons and missing transverse momentum. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
1034	Search for supersymmetry using Higgs boson to diphoton decays at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	4
1035	Search for higgsinos decaying to two Higgs bosons and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2022, 2022, .	1.6	4
1036	Inclusive $b \rightarrow c$ decays to wrong sign charmed mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 26-40.	1.5	3
1037	Search for $b \rightarrow c$ decays in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 72, .	1.6	3
1038	Search for anomalous semileptonic decay of heavy flavor hadrons produced in association with a W boson at CDF II. Physical Review D, 2006, 73, .	1.6	3
1039	Search for anomalous semileptonic decay of heavy flavor hadrons produced in association with a W boson at CDF II. Physical Review D, 2006, 73, .	1.5	3
1040	Z^0 production in e+e- interactions at $\sqrt{s}=183-209$ GeV. European Physical Journal C, 2007, 51, 503-523.	1.4	3
1041	Higgs boson searches in CP-conserving and CP-violating MSSM scenarios with the DELPHI detector. European Physical Journal C, 2008, 54, 1.	1.4	3
1042	Measurement of the ratio of branching fractions $B(B \rightarrow \tau^+ \nu_\tau) / B(B \rightarrow K^+ \nu_\tau)$. Physical Review D, 2009, 79, .	1.6	3
1043	Production of $b \rightarrow c$ decays in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, .	1.6	3
1044	Search for standard model Higgs boson production in association with a W boson at CDF. Physical Review D, 2012, 85, .	1.6	3

#	ARTICLE	IF	CITATIONS
1045	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.	1.6	3
1046	Search for $W \rightarrow tb$ in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	3
1047	Search for top quark partners with charge $5/3$ in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
1048	Inclusive search for supersymmetry in pp collisions at $\sqrt{s} = 13$ TeV using razor variables and boosted object identification in zero and one lepton final states. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
1049	Search for excited leptons in $\hat{e}, \hat{\mu}, \hat{\tau}$ final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
1050	Search for Narrow H^{\pm} Resonances in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2019, 122, 081804.	2.9	3
1051	Study of the effects of radiation on the CMS Drift Tubes Muon Detector for the HL-LHC. Journal of Instrumentation, 2019, 14, C12010-C12010.	0.5	3
1052	Calibration of the CMS hadron calorimeters using proton-proton collision data at $\sqrt{s} = 13$ TeV. Journal of Instrumentation, 2020, 15, P05002-P05002.	0.5	3
1053	Training of Neural Networks: Interactive Possibilities in a Distributed Framework. Lecture Notes in Computer Science, 2002, , 33-40.	1.0	3
1054	Study of the $B^{\pm} \rightarrow \mu^{\pm} \nu_{\mu} \overline{\Lambda} p$ decay in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
1055	Measurements of the $(p \rightarrow Z) \rightarrow (Z \rightarrow 4\ell)$ production cross section and the $(Z \rightarrow 4\ell)$ branching fraction, and constraints on anomalous triple gauge couplings at $(\sqrt{s} = 13, \text{ext } \{TeV\})$. , 2018, 78, 1.		3
1056	Rapidity-alignment and p_T compensation of particle pairs in hadronic Z^0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 533, 243-252.	1.5	2
1057	First Measurement of the Ratio of Central-Electron to Forward-Electron Partial Cross Sections in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 251801.	2.9	2
1058	Search for $W \rightarrow W$ and $W \rightarrow Z$ production in lepton plus jets final state at CDF. Physical Review D, 2009, 79, .	1.6	2
1059	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, .	1.6	2
1060	Search for the standard model Higgs boson produced in association with a Z boson in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.5	2
1061	Search for $p \rightarrow p$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2013, 88, .	1.6	2
1062	Search for new physics in trilepton events and limits on the associated chargino-neutralino production at CDF. Physical Review D, 2014, 90, .	1.6	2

#	ARTICLE	IF	CITATIONS
1063	Search for a low-mass neutral Higgs boson with suppressed couplings to fermions using events with multiphoton final states. <i>Physical Review D</i> , 2016, 93, .	1.6	2
1064	Search for new phenomena with multiple charged leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2017, 77, 1.	1.4	2
1065	Search for an excited lepton that decays via a contact interaction to a lepton and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	2
1066	Measurement of the top quark pair production cross section in dilepton final states containing one τ , lepton in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	2
1067	Measurements of angular distance and momentum ratio distributions in three-jet and Z + two-jet final states in pp collisions. <i>European Physical Journal C</i> , 2021, 81, 852.	1.4	2
1068	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. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	1.6	2
1069	Measurement of the inclusive $t\bar{t}$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	1.6	2
1070	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. <i>Journal of High Energy Physics</i> , 2022, 2022, .	1.6	2
1071	Search for exotica. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002, 109, 256-261.	0.5	1
1072	Search for (singly and doubly) charged Higgses. <i>European Physical Journal C</i> , 2004, 33, s767-s769.	1.4	1
1073	Di-jet production in $\hat{p}\hat{p}$ collisions at LEP2. <i>European Physical Journal C</i> , 2008, 58, 531-541. <small>Publisher's Note: Search for High-Mass</small>	1.4	1
1074	<small>in</small> <small>display="inline"><math>p</math></small>	2.9	1
1075	<small>at</small> <small>Let</small> <small>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</small> , 2009, 678, 444-449.	1.5	1
1076	Correlations between polarisation states of W particles in the reaction $e^+e^- \rightarrow W^+W^-$ at LEP2 energies 189-209 GeV. <i>European Physical Journal C</i> , 2009, 63, 611-623.	1.4	1
1077	<small>Publisher's Note: Measurement of the W^+W^- Production Cross Section and Search for Anomalous WWZ and WWZ Couplings in pp Collisions at $\sqrt{s} = 1.96$ TeV [Phys. Rev. Lett. 104, 201801 (2010)]</small> <i>Physical Review Letters</i> , 2010, 105, .		1
1078	Improved determination of the sample composition of dimuon events produced in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	1
1079	Search for neutral color-octet weak-triplet scalar particles in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	1
1080	Constraints on Models of the Higgs Boson with Exotic Spin and Parity using Decays to Bottom-Antibottom Quarks in the Full CDF Data Set. <i>Physical Review Letters</i> , 2015, 114, 141802.	2.9	1

#	ARTICLE	IF	CITATIONS
1081	Studies of high-transverse momentum jet substructure and top quarks produced in 1.96 TeV proton-antiproton collisions. <i>Physical Review D</i> , 2015, 91, .	1.6	1
1082	Measurement of the forward-backward asymmetry in low-mass bottom-quark pairs produced in proton-antiproton collisions. <i>Physical Review D</i> , 2016, 93, .	1.6	1
1083	Measurement of the inclusive-isolated prompt-photon cross section in $p\bar{p} \rightarrow \gamma + \text{jet} + X$ collisions using the full CDF data set. <i>Physical Review D</i> , 2017, 96, .	1.6	1
1084	Search for standard-model Z and Higgs bosons decaying into a bottom-antibottom quark pair in proton-antiproton collisions at 1.96 TeV. <i>Physical Review D</i> , 2018, 98, .	1.6	1
1085	Search for Physics beyond the Standard Model in Events with Overlapping Photons and Jets. <i>Physical Review Letters</i> , 2019, 123, 241801.	2.9	1
1086	Irradiation aging of the CMS Drift Tube muon detector. <i>Radiation Physics and Chemistry</i> , 2020, 172, 108747.	1.4	1
1087	Search for top squark pair production in a final state with two tau leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	1
1088	Study of dijet events with large rapidity separation in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	1.6	1
1089	Observation of $B^0 \rightarrow \psi(2S) K^0_{\text{short}} + \psi(2S) K^0_{\text{long}}$ and $B^0 \rightarrow \psi(2S) K^0_{\text{short}} + \psi(2S) K^0_{\text{long}}$ decays. <i>European Physical Journal C</i> , 2022, 82, .	1.4	1
1090	Measurement of the tau lepton polarisation at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 659, 65-73.	1.5	0
1091	Publisher's Note: Search for Pair Production of Scalar Top Quarks Decaying to a Lepton and a Quark. <i>Physical Review D</i> , 2012, 86, 072012.	2.9	0
1092	Search for hadronic decays of W and Z bosons in photon events in $p\bar{p} \rightarrow \gamma + \text{jet} + X$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2009, 80, .	1.6	0
1093	Publisher's Note: Search for hadronic decays of W and Z bosons in photon events in $p\bar{p} \rightarrow \gamma + \text{jet} + X$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2009, 80, .	1.6	0
1094	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). <i>European Physical Journal C</i> , 2010, 68, 119-123.	1.4	0
1095	Publisher's Note: Novel inclusive search for the Higgs boson in the four-lepton final state at CDF [Phys. Rev. D 86 (7), 072012 (2012)]. <i>Physical Review D</i> , 2012, 86, .	1.6	0
1096	An additional study of multi-muon events produced in $p\bar{p} \rightarrow \gamma + \text{jet} + X$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2009, 80, .	1.5	0
1097	Top quark physics with the CMS experiment. <i>EPJ Web of Conferences</i> , 2014, 71, 00030.	0.1	0
1098	Measurement of the electron structure function F_2^e at LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 737, 39-47.	1.5	0

#	ARTICLE	IF	CITATIONS
1099	Search for natural supersymmetry in events with top quark pairs and photons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1. Measurement of the differential cross sections for W -boson production in association with jets in pp collisions. Physical Review D, 2019, 99, .	1.6	0
1100	Search for Higgs-like particles produced in association with bottom quarks in proton-antiproton collisions. Physical Review D, 2019, 99, .	1.6	0
1101	Study of the Effects of Radiation at the CERN Gamma Irradiation Facility on the CMS Drift Tube Muon Detector for HL-LHC. , 2019, , .		0
1103	Latest results on diboson and multiboson production from the CMS experiment. , 2018, , .		0