

Patrizia Barria

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4274826/publications.pdf>

Version: 2024-02-01

839
papers

28,080
citations

10351

72
h-index

19136

118
g-index

849
all docs

849
docs citations

849
times ranked

10781
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined Measurement of the Higgs Boson Mass in pp Collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS and CMS Experiments. <i>Physical Review Letters</i> , 2015, 114, 191803.	2.9	1,062
2	Event generator tunes obtained from underlying event and multiparton scattering measurements. <i>European Physical Journal C</i> , 2016, 76, 155.	1.4	499
3	Measurements of the Higgs boson production and decay rates and constraints on its couplings from a combined ATLAS and CMS analysis of the LHC pp collision data at $s = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	473
4	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s}=13$, extended to 14 TeV. <i>European Physical Journal C</i> , 2019, 79, 421.	1.4	355
5	Particle-flow reconstruction and global event description with the CMS detector. <i>Journal of Instrumentation</i> , 2017, 12, P10003-P10003.	0.5	348
6	High-precision measurement of the W boson mass with the CDF II detector. <i>Science</i> , 2022, 376, 170-176.	6.0	336
7	The CMS trigger system. <i>Journal of Instrumentation</i> , 2017, 12, P01020-P01020.	0.5	307
8	Evidence for a Narrow Near-Threshold Structure in the J/ψ Mass Spectrum in pp collisions at the LHC. <i>Physical Review Letters</i> , 2009, 102, 242002.	2.9	275
9	Evidence for collectivity in pp collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 765, 193-220.	1.5	243
10	Identification of heavy-flavour jets with the CMS detector in pp collisions at 13 TeV. <i>Journal of Instrumentation</i> , 2018, 13, P05011-P05011.	0.5	241
11	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. <i>Physical Review D</i> , 2011, 83, .	1.6	238
12	Observation of Higgs Boson Decay to Bottom Quarks. <i>Physical Review Letters</i> , 2018, 121, 121801.	2.9	219
13	Jet energy scale and resolution in the CMS experiment in pp collisions at 8 TeV. <i>Journal of Instrumentation</i> , 2017, 12, P02014-P02014.	0.5	216
14	Observation of $t\bar{t}$ Production. <i>Physical Review Letters</i> , 2018, 120, 231801.	2.9	209
15	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
16	Observation of Electroweak Single Top-Quark Production. <i>Physical Review Letters</i> , 2009, 103, 092002.	2.9	199
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Search for Heavy Neutral Leptons in Events with Three Charged Leptons in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2019, 122, 121802.	2.9	160
20	Observation of Exclusive Charmonium Production and Λ_c^+ Production in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2019, 122, 121801.	2.9	153
21	Search for invisible decays of a Higgs boson produced through vector boson fusion in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2019, 122, 121803.	2.9	146
22	Measurement of Long-Range Near-Side Two-Particle Angular Correlations in $\sqrt{s} = 13$ TeV Proton-Proton Collisions at the ATLAS Experiment. Physical Review Letters, 2016, 116, 172302.	2.9	139
23	Observation of the Higgs boson decay to a pair of τ leptons with the CMS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 283-316.	1.5	125
24	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. Physical Review D, 2013, 87, .	1.6	122
25	Observation of the Baryonic Flavor-Changing Neutral Current Decay $\Lambda_b^0 \rightarrow \Lambda^0 \tau^+ \tau^-$. Physical Review Letters, 2011, 107, 201802.	2.9	121
26	Search for diphoton resonances in the mass range from 150 to 850 GeV in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 494-519.	2.9	115
27	First Measurement of the Differential Cross Section $d\sigma/dM_{\tau\tau}$ in $\sqrt{s} = 13$ TeV Proton-Proton Collisions at the ATLAS Experiment. Physical Review Letters, 2009, 102, 222003.	2.9	114
28	Combination of Tevatron Searches for the Standard Model Higgs Boson in the WW Mode. Physical Review Letters, 2010, 104, 061802.	2.9	114
29	Search for Narrow Resonances Decaying to Dijets in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2016, 116, 071801.	2.9	114
30	Combination of the top-quark mass measurements from the Tevatron collider. Physical Review D, 2012, 86, .	1.6	109
31	Invariant Mass Distribution of Jet Pairs Produced in Association with a W Boson in $\sqrt{s} = 13$ TeV Proton-Proton Collisions at the ATLAS Experiment. Physical Review Letters, 2011, 106, 171801.	2.9	108
32	Measurements of the Angular Distributions in the Decays $B \rightarrow K^* \tau^+ \tau^-$ and $B \rightarrow K^* \mu^+ \mu^-$. Physical Review Letters, 2012, 108, 081802.	2.9	108
33	Observation of Charge-Dependent Azimuthal Correlations in $\sqrt{s} = 13$ TeV Proton-Proton Collisions and Its Implication for the Search for the Chiral Magnetic Effect. Physical Review Letters, 2017, 118, 122301.	2.9	107
34	Precise Measurement of the W -Boson Mass with the CDF II Detector. Physical Review Letters, 2012, 108, 151803.	2.9	106
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	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, 2018, 782, 474-496.		
39	Higgs boson studies at the Tevatron. Physical Review D, 2013, 88, .	1.6	98
40	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
41	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
42	Precision Measurement of the X boson production cross section in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2016, 93, .	2.9	94
43	Measurement of the top quark mass using proton-proton data at $\sqrt{s} = 13$ TeV. Physical Review D, 2016, 93, .	2.9	94
44	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
45	Production Charge Asymmetry in W boson production in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2016, 93, .	2.9	91
46	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
47	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
48	Angular analysis of the decay $B^0 \rightarrow K^* \rho^0$ from pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 424-448.	1.5	87
49	Coherent J/ψ photoproduction in ultra-peripheral PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 424-448.	2.9	87
50	Evidence for light-by-light scattering and searches for axion-like particles in Ultra-peripheral PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 424-448.	1.5	87
51	Measurement of the W boson pairs in the Two Jet and Two Same-Sign Lepton Final State in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2016, 93, .	2.9	86
52	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
53	Reconstruction and identification of $\tilde{\tau}$, lepton decays to hadrons and $\tilde{\tau} \rightarrow \tau + \tilde{\chi}_0^0$ at CMS. Journal of Instrumentation, 2016, 11, P01019-P01019.	0.5	85
54	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

#	ARTICLE	IF	CITATIONS
55	Measurement of the differential cross section and charge asymmetry for inclusive $\{p\}\mathrm{p}\rightarrow\mathrm{W}^{\pm}+X$ production at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 469.	1.4	83
56	Measurement of prompt and nonprompt charmonium suppression in $\sqrt{s}=5.02$ TeV PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2018, 78, 509.	1.4	83
57	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
58	Suppression and azimuthal anisotropy of prompt and nonprompt J/ψ production in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2017, 77, 252.	1.4	82
59	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
60	Search for a charged Higgs boson in pp collisions at $s=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	81
61	Measurement of angular parameters from the decay $B\rightarrow\pi\ell^+\ell^-$ in proton-proton collisions at $\sqrt{s}=8$ TeV. 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. European Physical Journal C, 2020, 80, 75.	1.6	78
62	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
63	Observation of single top quark production and measurement of $ V_{tb} $ with CDF. Physical Review D, 2010, 82, .	1.6	77
64	Measurement of nuclear modification factors of $\Upsilon(1S)$, $\Upsilon(2S)$, and $\Upsilon(3S)$ mesons in PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Search for New Bottomlike Quark Pair Decays $Q\bar{Q}$ at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 270-283.	1.6	77
65	Search for New Bottomlike Quark Pair Decays $Q\bar{Q}$ at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 270-283.	1.6	77
66	Search for New Bottomlike Quark Pair Decays $Q\bar{Q}$ at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 270-283.	1.6	77

#	ARTICLE	IF	CITATIONS
73	Search for long-lived charged particles in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review D</i> , 2016, 94, .	1.6	73
74	Search for Resonant Production of High-Mass Photon Pairs in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review Letters</i> , 2016, 117, 051802.	2.9	73
75	Search for additional neutral MSSM Higgs bosons in the \tilde{t}, \tilde{t}^* final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	73
76	Search for vectorlike charge \tilde{t}, \tilde{t}^* in proton-proton collisions at $\sqrt{s} = 13$ TeV.		

#	ARTICLE	IF	CITATIONS
91	Constraints on the chiral magnetic effect using charge-dependent azimuthal correlations in pp and $PbPb$ collisions at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2018, 97, .	1.1	64
92	Search for Exclusive Z-Boson Production and Observation of High-Mass $pp \rightarrow p \bar{p} + l \bar{l} + \gamma$ Events in pp Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009, 102, 222002.	2.9	63
93	Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	63
94	Evidence for the Higgs boson decay to a bottom quark-antiquark pair. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 780, 501-532.	1.5	63
95	A measurement of the Higgs boson mass in the diphoton decay channel. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 805, 135425.	1.5	63
96	Measurement of the Bottom-Strange Meson Mixing Phase in the Full CDF Data Set. <i>Physical Review Letters</i> , 2012, 109, 171802.	2.9	62
97	Measurement of differential cross sections for Higgs boson production in the diphoton decay channel in pp collisions at $\sqrt{s}=8$, $8 < \sqrt{s} < 13$ TeV. <i>European Physical Journal C</i> , 2016, 76, 13.	1.4	62
98	Measurement of the Meson Nuclear Modification Factor in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review Letters</i> , 2017, 119, 152301.	2.9	62
99	Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	62
100	Measurement of the inelastic proton-proton cross section at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	62
101	Observation of Two Excited States and Measurement of the Meson Nuclear Modification Factor in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review Letters</i> , 2017, 119, 152301.	2.9	62
102	Search for resonant production in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , 2017, 119, 152301.	1.6	61
103	Search for supersymmetry in multijet events with missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , 2017, 96, .	1.6	61
104	Search for a Narrow Resonance Lighter than 200 GeV Decaying to a Pair of Muons in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , 2020, 124, 131802.	2.9	61
105	A search for pair production of new light bosons decaying into muons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 752, 146-168.	1.5	59
106	Measurement of inclusive jet cross sections in pp and $PbPb$ collisions at $\sqrt{s}=13$ TeV. <i>Physical Review C</i> , 2017, 96, .	1.1	59
107	Search for Long-Lived Massive Charged Particles in 1.96 TeV pp Collisions. <i>Physical Review Letters</i> , 2009, 103, 021802.	2.9	58
108	Measurement of the weak mixing angle using the forward-backward asymmetry of Drell-Yan events in pp collisions at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , 2018, 78, 701.	1.4	58

#	ARTICLE	IF	CITATIONS
109	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
110	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
111	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
112	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
113	Measurement of the Ratio $\sigma(\text{tt} \rightarrow \text{tt} \gamma) / \sigma(\text{tt})$ and Precise Extraction of the $\text{tt} \rightarrow \text{tt} \gamma$ Cross Section. <i>Physical Review Letters</i> , 2010, 105, 012001.	2.9	56
114	Observation of s -Channel Production of Single Top Quarks at the Tevatron. <i>Physical Review Letters</i> , 2014, 112, 231803.	2.9	56
115	Identification of heavy, energetic, hadronically decaying particles using machine-learning techniques. <i>Journal of Instrumentation</i> , 2020, 15, P06005-P06005.	0.5	56
116	Limits on the Higgs boson lifetime and width from its decay to four charged leptons. <i>Physical Review D</i> , 2015, 92, .	1.6	55
117	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
118	Search for narrow resonances in dilepton mass spectra in proton-proton collisions at $\sqrt{s} = 13$ TeV and combination with 8 TeV data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 768, 57-80.	1.5	55
119	Search for Heavy Bottomlike Quarks Decaying to an Electron or Muon and Jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review Letters</i> , 2017, 118, 101801.	1.5	55
120	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. <i>Physical Review Letters</i> , 2017, 119, 141802.	2.9	54
121	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. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.5	54
122	Search for supersymmetry in proton-proton collisions at 13 TeV in final states with jets and missing transverse momentum. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	54
123	Searches for a heavy scalar boson H decaying to a pair of 125 GeV Higgs bosons hh or for a heavy pseudoscalar boson A decaying to Zh , in the final states with $h \rightarrow \tau^+ \tau^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 755, 217-244.	1.5	53

#	ARTICLE	IF	CITATIONS
127	Measurement of prompt and nonprompt ψ/ψ' production in pp and pp collisions at $\sqrt{s}=5.02$, ext \sqrt{s} . European Physical Journal C, 2017, 77, 269.	1.4	53
128	Search for a standard model-like Higgs boson in the mass range 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, 1308-1314.	1.5	53
129	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.	2.9	52
130	Measurements of the $pp \rightarrow ZZ$ production cross section and the Z branching fraction, and constraints on anomalous triple gauge couplings at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 165.	1.4	52
132	Measurement of branching ratio and $B \rightarrow s$ mesons and evidence for a new $B \rightarrow s$ resonance. Physical Review D, 2014, 89, 012002.	1.6	51
133	Study of $B \rightarrow s$ mesons and evidence for a new $B \rightarrow s$ resonance. Physical Review D, 2014, 89, 012002.	1.6	51
134	Studying the underlying event in Drell-Yan and high transverse momentum jet production at the Tevatron. Physical Review D, 2010, 82, .	1.6	50
135	Measurements of Direct CP Violating Asymmetries in Charmless Decays of Strange Bottom Mesons and Bottom Baryons. Physical Review Letters, 2011, 106, 181802.	2.9	50
136	Measurement of differential cross sections for top quark pair production using the lepton+jets final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2017, 95, .	1.6	50
137	Search for Leptoquarks Coupled to Third-Generation Quarks in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2018, 121, 241802.	2.9	50
138	Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at $\sqrt{s}=13$, ext \sqrt{s} . European Physical Journal C, 2019, 79, 564.	1.4	50
139	Measurement of the $B \rightarrow s$ jet cross section in events with a $B \rightarrow s$ jet. Physical Review D, 2017, 95, .	1.6	49
140	First Measurement of the W Boson in pp Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2018, 121, 241802.	2.9	49
141	Search for an A gauge boson using $Z \rightarrow 4\ell$ events in proton-proton collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 345-368.	1.5	49
142	First Measurement of the Angular Coefficients of Drell-Yan e^+e^- Collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2017, 95, .	2.9	48
143	Observation of $Y(1S)$ pair production in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	48
144	Measurement of charged pion, kaon, and proton production in proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2017, 96, .	1.6	48

#	ARTICLE	IF	CITATIONS
145	Azimuthal anisotropy of charged particles with transverse momentum up to 100 GeV/c in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 232301.	2.9	48
146	Search for two Higgs bosons in final states containing two photons and two bottom quarks in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2016, 94, 014017.	1.6	47
147	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. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 776, 195-216.	1.4	48
148	Measurements of the properties of $\Lambda_c(2595)$, $\Lambda_c(2625)$, $\Lambda_c(2455)$, and $\Lambda_c(2520)$ baryons. Physical Review D, 2011, 84, 014017.	1.6	47
149	Search for two Higgs bosons in final states containing two photons and two bottom quarks in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2016, 94, 014017.	1.6	47
150	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. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 776, 195-216.	1.5	47
151	Search for supersymmetric partners of electrons and muons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 140-166.	2.9	47
152	Search for supersymmetric partners of electrons and muons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 140-166.	1.5	47
153	Pileup mitigation at CMS in 13 TeV data. Journal of Instrumentation, 2020, 15, P09018-P09018.	0.5	47
154	Measurements of the Angular Distributions of Muons from Λ_c Decays in $\sqrt{s} = 13$ TeV Proton-Proton Collisions. Physical Review Letters, 2011, 106, 161801.	2.9	46
155	Search for $Z \rightarrow b\bar{b}$ decays in the $\Lambda_c \rightarrow p e \bar{\nu}_e$ decay and first observation of the $B_s \rightarrow \tau^+ \tau^-$ decay. Physical Review Letters, 2011, 106, 161801.	1.6	46
156	Search for third-generation scalar leptoquarks decaying to a top quark and a τ lepton at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 707.	1.4	46
157	Measurement of the Forward-Backward Asymmetry in the $B \rightarrow K^* \tau^+ \tau^-$ Decay and First Observation of the $B_s \rightarrow \tau^+ \tau^-$ Decay. Physical Review Letters, 2011, 106, 161801.	1.6	45
158	Measurement of the Forward-Backward Asymmetry in the $B \rightarrow K^* \tau^+ \tau^-$ Decay and First Observation of the $B_s \rightarrow \tau^+ \tau^-$ Decay. Physical Review Letters, 2011, 106, 161801.	2.9	45
159	Tevatron Combination of Single-Top-Quark Cross Sections and Determination of the Magnitude of the Cabibbo-Kobayashi-Maskawa Matrix Element $ V_{cb} $. Physical Review Letters, 2015, 115, 152002.	2.9	45
160	Pseudorapidity distribution of charged hadrons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 143-163.	1.5	45
161	Search for neutral resonances decaying into a Z boson and a pair of b jets or $\tau^+ \tau^-$ leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 369-394.	1.5	45
162	Measurement of vector boson scattering and constraints on anomalous quartic couplings from events with four leptons and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 682-705.	1.5	45

#	ARTICLE	IF	CITATIONS
163	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s} = 1.96$ TeV with the CDF detector. <i>Physical Review D</i> , 2009, 80, .	1.6	44
164	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
165	Search for lepton flavour violating decays of the Higgs boson to $e\bar{\nu}_\tau$ and $e\bar{\nu}_\mu$ in proton collisions at $\sqrt{s} = 13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 763, 472-500.	1.5	44
166	Study of Z boson production in pp collisions at $\sqrt{s} = 13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 759, 36-57.	1.5	44
167	Search for standard model production of four top quarks with same-sign and multilepton final states in proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2018, 78, 140.	1.4	44
168	Measurements of properties of the Higgs boson decaying to a W boson pair in pp collisions at $\sqrt{s} = 13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 791, 94-100.	1.5	44
169	Search for Higgs bosons predicted in two-Higgs-Doublet Models via Decays to Tau Lepton Pairs in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009, 103, 201801.	2.9	43
170	Search for the standard model Higgs boson produced through vector boson fusion and decaying to $b\bar{b}$. <i>Physical Review D</i> , 2015, 92, .	1.6	43
171	Search for pair production of first and second generation leptoquarks in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review D</i> , 2016, 93, .	1.6	43
172	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
173	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 collisions at $\sqrt{s} = 13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 785, 462-488.	1.5	43
174	Production of $\phi(2S)$ mesons in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2009, 80, .	1.6	42
175	Evidence for exclusive $\hat{t}\bar{t} W + W \hat{a}^-$ production and constraints on anomalous quartic gauge couplings in pp collisions at $\sqrt{s} = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	42
176	Search for vector-like T and B quark pairs in final states with leptons at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	42
177	Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	42
178	Search for pair-produced vectorlike quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review D</i> , 2016, 93, .	1.6	41
179	Measurement of the $t\bar{t}$ production cross section in the $e\bar{\nu}_\tau$ channel in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	41
180	Measurement of the $t\bar{t}$ production cross section in the all-jets final state in pp collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2016, 76, 128.	1.4	41

#	ARTICLE	IF	CITATIONS
181	Search for third-generation scalar leptoquarks and heavy right-handed neutrinos in final states with two tau leptons and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	41
182	Search for the Exotic Meson X decaying to $\mu^+ \mu^-$ and J/ψ in pp collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2018, 120, 202006.	1.6	41
183	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
184	Measurement of properties of B_s^0 decays and search for $B_s^0 \rightarrow \mu^+ \mu^-$ with the CMS experiment. Journal of High Energy Physics, 2020, 2020, 1.	1.6	41
185	Search for the Decays $B(s) \rightarrow e^+ e^- \nu \bar{\nu}$ and $B(s) \rightarrow e^+ e^- \bar{\nu} \nu$ in CDF Run II. Physical Review Letters, 2009, 102, 201801.2.9	2.9	40
186	Measurement of the $t\bar{t}$ production cross section using events in the $e^+ e^- \mu^+ \mu^-$ final state in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 172.	1.4	40
187	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
188	Search for Evidence of the Type-III Seesaw Mechanism in Multilepton Final States in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2017, 119, 221802.	2.9	40
189	Inclusive Search for a Highly Boosted Higgs Boson Decaying to a Bottom Quark-Antiquark Pair. Physical Review Letters, 2018, 120, 071802.	2.9	40
190	Search for new physics in dijet angular distributions using proton-proton collisions at $\sqrt{s} = 13$ TeV and constraints on dark matter and other models. European Physical Journal C, 2018, 78, 789.	1.4	40
191	Measurement of the top quark mass in the all-jets final state at $\sqrt{s} = 13$ TeV and combination with the lepton+jets channel. European Physical Journal C, 2019, 79, 313.	1.4	40
192	Search for heavy Majorana neutrinos in same-sign dilepton channels in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	40
193	Search for Higgs boson pair production in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 398-423.	1.5	40
194	Precision Top-Quark Mass Measurement at CDF. Physical Review Letters, 2012, 109, 152003.	2.9	39
195	Cross section measurement of t -channel single top quark production in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 398-423.	2.9	39
196	Observation of Correlated Azimuthal Anisotropy Fourier Harmonics in pp Collisions at the LHC. Physical Review Letters, 2018, 120, 092301.	2.9	39
197	Measurement of differential cross sections for Z boson production in association with jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 965.	1.4	39
198	Constraints on models of scalar and vector leptoquarks decaying to a quark and a neutrino at $\sqrt{s} = 13$ TeV. Physical Review D, 2018, 98, .	1.6	39

#	ARTICLE	IF	CITATIONS
199	Inclusive Search for Standard Model Higgs Boson Production in the WW Decay Channel Using the CDF II Detector. <i>Physical Review Letters</i> , 2010, 104, 061803.	2.9	38
200	Evidence for the Charmless Annihilation Decay Mode $B \rightarrow s \gamma$. <i>Physical Review Letters</i> , 2012, 108, 211803.	2.9	38
201	Measurement of the Inclusive Leptonic Asymmetry in Top-Quark Pairs that Decay to Two Charged Leptons at CDF. <i>Physical Review Letters</i> , 2014, 113, 042001.	2.9	38
202	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2017, 77, 845.	1.4	38
203	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2017, 77, 636.	1.4	38
204	Suppression of Excited J^{\prime} States Relative to the Ground State in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2018, 120, 142301.	2.9	38
205	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying J^{\prime} , leptons at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	38
206	Top Quark Mass Measurement in the $J^{\prime} \rightarrow \mu \mu$ Channel Using a Matrix Element Method	2.9	37
207	Search for $J^{\prime} \rightarrow \mu \mu$ Collisions. <i>Physical Review Letters</i> , 2011, 107, 251802.	2.9	37
208	Search for $J^{\prime} \rightarrow \mu \mu$ Collisions. <i>Physical Review Letters</i> , 2011, 107, 251802.	2.9	37
209	Study of substructure of high transverse momentum jets produced in proton-antiproton collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2012, 85, .	1.6	37
210	Searches for third-generation squark production in fully hadronic final states in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	37
211	Combined search for anomalous pseudoscalar Higgs boson production in $J^{\prime} \rightarrow \mu \mu$ collisions.		

#	ARTICLE	IF	CITATIONS
217	Combination of CDF and D0 measurements of the W boson helicity in top quark decays. Physical Review D, 2012, 85, .	1.6	36
218	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
219	Search for resonant and nonresonant Higgs boson pair production in the $b\bar{b}$ final state in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	36
220	Search for Narrow Resonances in the $b\bar{b}$ -Tagged Dijet Mass Spectrum in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2018, 120, 201801.	2.9	36
221	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
222	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
223	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
224	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
225	Search for heavy Majorana neutrinos in e^+e^- jets and $e^+e^- \rightarrow \mu^+\mu^-$ jets events in proton-proton collisions at $s = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	35
226	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
227	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
228	Search for anomalous Wtb couplings and flavour-changing neutral currents in t-channel single top quark production in pp collisions at $s = 7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	35
229	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
230	Measurement of exclusive Υ photoproduction from protons in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 277.	1.4	35
231	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
232	Search for pair production of vectorlike quarks in the fully hadronic final state. Physical Review D, 2019, 100, .	1.6	35
233	Search for High Mass Resonances Decaying to Muon Pairs in pp Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2019, 123, 201901.	2.9	34
234	Measurement of the C -violating phase $\arg(\lambda_{cb})$ in $B \rightarrow C^* \rightarrow P^* \nu \bar{\nu}$ decays. Physical Review D, 2012, 85, .	1.6	34

#	ARTICLE	IF	CITATIONS
235	Evidence for a bottom baryon resonance Λ_b^0 in CDF data. Physical Review D, 2013, 88, .	1.6	34
236	Measurements of Direct $C \rightarrow P$ -Violating Asymmetries in Charmless Decays of Bottom Baryons. Physical Review Letters, 2014, 113, 242001.	2.9	34
237	Measurement of the Top Quark Pair Production Cross Section in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2016, 116, 052002.	2.9	34
238	Measurement of $t\bar{t}$ production with additional jet activity, including b quark jets, in the dilepton decay channel using pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 379.	1.4	34
239	Measurements of the $t\bar{t}$ production cross section in lepton+jets final states in pp collisions at 8 TeV and ratio of 8 to 7 TeV cross sections. European Physical Journal C, 2017, 77, 15.	1.4	34
240	Measurement of the cross section for electroweak production of $Z\gamma$ in association with two jets and constraints on anomalous quartic gauge couplings in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 380-402.	1.5	34
241	Measurement of the top quark mass with lepton+jets final states using pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 891.	1.6	34
242	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 $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
243	Search for a heavy right-handed W boson and a heavy neutrino in events with two same-flavor leptons and two jets at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
244	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
245	Search for vectorlike leptons in multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 100, 034001.	1.6	34
246	Search for heavy resonances decaying to two Higgs bosons in final states containing four b quarks. European Physical Journal C, 2016, 76, 371.	2.9	33
247	Combined Tevatron upper limit on $H \rightarrow W^+W^-$ and constraints on the Higgs boson mass in fourth-generation fermion models. Physical Review D, 2010, 82, .	1.6	33
248	Direct Measurement of the Total Decay Width of the Top Quark. Physical Review Letters, 2013, 111, 202001.	2.9	33
249	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
250	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
251	Search for supersymmetry in the multijet and missing transverse momentum final state in pp collisions at 13 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 152-180.	1.5	33
252			

#	ARTICLE	IF	CITATIONS
253	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
254	Search for heavy neutrinos and third-generation leptoquarks in hadronic states of two \tilde{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
255	Measurement of exclusive ρ^0 photoproduction in ultraperipheral pPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2019, 123, 022301.	1.4	33
256	Measurement of the top quark polarization and spin correlations using dilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2019, 123, 022301.	1.6	33
257	Measurement of normalized 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
258	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
259	Search for a Heavy Toplike Quark in pp Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2011, 107, 261801.	2.9	32
260	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
261	Study of Jet Quenching with Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2011, 107, 261802.	1.6	32
262	Correlations in Pb-Pb and pp Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2011, 107, 261802.	2.9	32
263	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
264	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
265	Search for pair production of second-generation leptoquarks at $\sqrt{s}=13$ TeV. Physical Review D, 2019, 99, 115011.	1.6	32
266	Charged-particle angular correlations in XeXe collisions at $\sqrt{s_{NN}}=1.36$ TeV. Physical Review C, 2019, 100, 014907.	1.6	32
267	Non-Gaussian elliptic-flow fluctuations in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2019, 123, 022301.	1.6	32
268	Measurement of $B \rightarrow J/\psi K$ Hadron Lifetimes in Exclusive Decays Containing a J/ψ . Physical Review Letters, 2019, 123, 022301.	2.9	31
269	Search for pair production of second-generation leptoquarks at $\sqrt{s}=13$ TeV. Physical Review D, 2019, 99, 115011.	1.6	31
270	Measurement of transverse momentum relative to dijet systems in PbPb and pp collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	31

#	ARTICLE	IF	CITATIONS
271	Search for heavy gauge $W\tilde{e}^2$ bosons in events with an energetic lepton and large missing transverse momentum at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 770, 278-301.	1.5	31
272	Search for top squark pair production in pp collisions at $\sqrt{s}=13$ TeV using single lepton events. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	31
273	Search for disappearing tracks as a signature of new long-lived particles in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	31
274	Search for pair production of first-generation scalar leptoquarks at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , 2019, 99, .	1.6	31
275	A multi-dimensional search for new heavy resonances decaying to boosted W or Z boson pairs in the dijet final state at $\sqrt{s}=13$ TeV. <i>European Physical Journal C</i> , 2020, 80, 237.	1.4	31
276	A deep neural network to search for new long-lived particles decaying to jets. <i>Machine Learning: Science and Technology</i> , 2020, 1, 035012.	2.4	31
277	Search for Pair Production of Supersymmetric Top Quarks in Dilepton Events from $pp \rightarrow \tilde{t}\tilde{t}^* \rightarrow W^+W^- + \text{jets}$ at $\sqrt{s}=13.6$ TeV. <i>Physical Review Letters</i> , 2010, 104, 251801.	2.9	30
278	Measurement of W -Boson Polarization in Top-Quark Decay in $pp \rightarrow \tilde{t}\tilde{t}^* \rightarrow W^+W^- + \text{jets}$ at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2010, 105, 042002.	2.9	30
279	Observation of Exclusive $\tilde{\chi}_1^0\tilde{\chi}_1^0$ Production in $pp \rightarrow \tilde{t}\tilde{t}^* \rightarrow \tilde{\chi}_1^0\tilde{\chi}_1^0 + \text{jets}$ at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012, 108, 081801.	2.9	30
280	Search for neutral MSSM Higgs bosons decaying into a pair of bottom quarks. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	30
281	Measurements of $\tilde{t}\tilde{t}^* \rightarrow W^+W^- + \text{jets}$ spin correlations and top quark polarization using dilepton final states in $pp \rightarrow \tilde{t}\tilde{t}^* \rightarrow W^+W^- + \text{jets}$ collisions at $\sqrt{s}=13.6$ TeV. <i>Physical Review Letters</i> , 2010, 104, 251801.	1.6	30
282	Search for massive W resonances decaying into the $b\bar{b}$ final state at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , 2016, 76, 237.	1.4	30
283	Inclusive and differential measurements of the $pp \rightarrow \tilde{t}\tilde{t}^* \rightarrow W^+W^- + \text{jets}$ at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , 2017, 77, 751.	1.5	30
284	Measurement of differential cross sections for the production of top quark pairs and of additional jets in $pp \rightarrow \tilde{t}\tilde{t}^* \rightarrow W^+W^- + \text{jets}$ events from $pp \rightarrow \tilde{t}\tilde{t}^* \rightarrow W^+W^- + \text{jets}$ collisions at $\sqrt{s}=13.6$ TeV. <i>Physical Review Letters</i> , 2010, 104, 251801.	1.5	30
285	Measurements of the associated production of a Z boson and b jets in $pp \rightarrow \tilde{t}\tilde{t}^* \rightarrow W^+W^- + \text{jets}$ collisions at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , 2017, 77, 751.	1.4	30
286	Measurement of differential cross sections for the production of top quark pairs and of additional jets in $pp \rightarrow \tilde{t}\tilde{t}^* \rightarrow W^+W^- + \text{jets}$ events from $pp \rightarrow \tilde{t}\tilde{t}^* \rightarrow W^+W^- + \text{jets}$ collisions at $\sqrt{s}=13.6$ TeV. <i>Physical Review Letters</i> , 2010, 104, 251801.	1.6	30
287	Observation of Single Top Quark Production in Association With \tilde{e} at $\sqrt{s}=13.6$ TeV. <i>Physical Review Letters</i> , 2018, 121, 141801.	1.5	30
288	Boson in Proton-Proton Collisions at $\sqrt{s}=13.6$ TeV. <i>Physical Review Letters</i> , 2019, 122, 132003.	2.9	30

#	ARTICLE	IF	CITATIONS
289	Measurement of the top pair production cross section in the dilepton decay channel in $pp\bar{A}$ collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review D, 2010, 82, .	1.6	29
290	Measurement of inclusive jet production and nuclear modifications in pPb collisions at $\sqrt{s_{NN}}=5.02\text{ TeV}$. European Physical Journal C, 2016, 76, 372.	1.4	29
291	Correlations between jets and charged particles in PbPb and pp collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
292	A search for new phenomena in pp collisions at $\sqrt{s}=13\text{ TeV}$ 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
293	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at $\sqrt{s}=8\text{ TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	29
294	Search for lepton flavour violating decays of the Higgs boson to $\tau\bar{4l}$, and $e\bar{l}$, in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29
295	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
296	Bose-Einstein correlations in pp , and PbPb collisions at $\sqrt{s}=13\text{ TeV}$. Physical Review C, 2018, 97, .	1.1	29
297	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$. European Physical Journal C, 2019, 79, 280.	1.4	29
298	Search for a Fermiophobic Higgs Boson Decaying into Diphotons in $pp\bar{A}$ Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2009, 103, 061803.	2.9	28
299	Observation of the $\chi\bar{\chi}$ production in pp collisions at $\sqrt{s}=13\text{ TeV}$. Physical Review Letters, 2011, 107, 102001.	2.9	28
300	Combined Search for the Standard Model Higgs Boson Decaying to $b\bar{b}$ Pair Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111802.	2.9	28
301	Measurement of the $\chi\bar{\chi}$ production cross section and triple gauge couplings in pp collisions at $\sqrt{s}=13\text{ TeV}$. Physical Review D, 2015, 92, .	1.6	28
302	Search for Higgs bosons produced in association with $b\bar{b}$ quarks. Physical Review D, 2012, 85, .	1.6	28
303	Study of the energy dependence of the underlying event in proton-antiproton collisions. Physical Review D, 2015, 92, .	1.6	28
304	Measurement and interpretation of differential cross sections for Higgs boson production at $\sqrt{s}=13\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 107-131.	1.6	28
305	Search for Higgs bosons produced in association with $b\bar{b}$ quarks in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 107-131.	1.6	28
306	Search for long-lived particles decaying into displaced jets in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$. Physical Review D, 2019, 99, .	1.6	28

#	ARTICLE	IF	CITATIONS
307	Measurements of $\overline{\sigma}(\mathit{pp} \rightarrow \mathit{lepton} \mathit{lepton} \mathit{Z})$ differential cross sections in proton-proton collisions at $\sqrt{s}=13$ TeV using events containing two leptons. Journal of High Energy Physics, 2019, 2019, 1.	1.6	28
308	Search for $\overline{\sigma}(\mathit{pp} \rightarrow \mathit{H} \mathit{H})$ production in the $\mathit{H} \rightarrow \mathit{bb}$ decay channel with leptonic $\overline{\sigma}(\mathit{pp} \rightarrow \mathit{H} \mathit{H})$ decays in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	28
309	Production of $\mathit{Z} \mathit{b} \mathit{b}$ states with two muons and two nearby tracks in pp collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, Section B: Nuclear Physics Letters, 2019, 123, 251801.	1.5	28
310	Search for $\mathit{Z} \mathit{b} \mathit{b}$ production in proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, Section B: Nuclear Physics Letters, 2019, 123, 251801.	1.5	28
311	Measurements of differential Z-boson production cross sections in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	28
312	Measurement of the $\mathit{B} \rightarrow \mathit{D} \mathit{e} \mathit{e}$ Lifetime in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 102002.	2.9	27
313	Search for $\mathit{W} \mathit{W}$ and $\mathit{W} \mathit{Z}$ 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
314	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
315	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
316	Search for single production of scalar leptiquarks in proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2016, 93, 074017.	1.6	27
317	Transverse momentum spectra of inclusive b jets in pp collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, Section B: Nuclear Physics Letters, 2017, 117, 251801.	1.5	27
318	Search for anomalous couplings in boosted $\mathit{Z} \mathit{b} \mathit{b}$ production in proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, Section B: Nuclear Physics Letters, 2017, 117, 251801.	1.5	27
319	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
320	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
321	Search for $\mathit{Z} \mathit{b} \mathit{b}$ production in proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, Section B: Nuclear Physics Letters, 2018, 121, 251801.	1.6	27
322	Tevatron Run II combination of the effective leptonic electroweak mixing angle. Physical Review D, 2018, 97, .	1.6	27
323	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
324	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

#	ARTICLE	IF	CITATIONS
325	Search for new neutral Higgs bosons through the $\mathcal{H} \rightarrow \mathcal{Z} \gamma$ process in pp collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review Letters</i> , 2013, 111, 031802. Limits on Anomalous Trilinear Gauge Couplings arXiv:1306.1517 [hep-ph]	1.6	27
326	Observation of $\mathcal{H} \rightarrow \mathcal{Z} \gamma$ Collisions arXiv:1306.1517 [hep-ph]	2.9	26
327	Measurement of the Differential Cross Section $d\sigma/d\cos\theta^*$ for $\mathcal{H} \rightarrow \mathcal{Z} \gamma$ Collisions Using the CDF II Detector. <i>Physical Review Letters</i> , 2013, 111, 231802.	2.9	26
328	Search for Pair Production of Strongly Interacting Particles Decaying to Pairs of Jets in $pp \rightarrow \mathcal{H} \mathcal{H}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2013, 111, 031802. Measurement of the Differential Cross Section $d\sigma/d\cos\theta^*$	2.9	26
329	Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>European Physical Journal C</i> , 2016, 76, 1. Combination of searches for heavy resonances decaying to WW , WZ , ZZ , WH , and ZH boson pairs in proton-proton collisions at $\sqrt{s} = 8$ and 13 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 774, 533-558.	2.9	26
330	Search for a charged Higgs boson decaying to charm and bottom quarks in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1. Search for long-lived particles using multiplicity jets and missing transverse momentum with proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 797, 134876.	1.4	26
331	Search for a charged Higgs boson decaying into top and bottom quarks in events with electrons or muons in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.5	26
332	Measurement of the $WW + WZ$ Production Cross Section Using the lepton+jets Final State at CDF II. <i>Physical Review Letters</i> , 2010, 104, 101801.	1.6	26
333	Measurement of the top quark mass and $pp \rightarrow t \bar{t}$ cross section in the all-hadronic mode with the CDF II detector. <i>Physical Review D</i> , 2010, 81, . Search for Production of Heavy Particles Decaying to Top Quarks and Invisible Particles in $pp \rightarrow t \bar{t} + \mathcal{H} + \mathcal{X}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011, 106, 191801.	1.5	26
334	Measurement of the Mass Difference between t and \bar{t} Quarks. <i>Physical Review Letters</i> , 2011, 106, 152001.	1.6	26
335	Search for the Standard Model Higgs Boson Decaying to $ab \mathcal{H}$ Pair in Events with Two Oppositely Charged Leptons Using the Full CDF Data Set. <i>Physical Review Letters</i> , 2012, 109, 111803. Measurement of the W boson helicity fractions in the decays of top quark pairs to lepton + jets final states produced in pp collisions at $\sqrt{s} = 8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 762, 512-534.	1.6	25
336	Forward-backward asymmetry of Drell-Yan lepton pairs in pp collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2016, 76, 325.	2.9	25
337	Search for a low-mass pseudoscalar Higgs boson produced in association with a $b \bar{b}$ pair in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011, 106, 191801.	1.5	25
338	Search for a low-mass pseudoscalar Higgs boson produced in association with a $b \bar{b}$ pair in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011, 106, 152001.	1.4	25
339	Search for a low-mass pseudoscalar Higgs boson produced in association with a $b \bar{b}$ pair in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011, 106, 152001.	1.5	25
340	Search for a low-mass pseudoscalar Higgs boson produced in association with a $b \bar{b}$ pair in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011, 106, 152001.	1.4	25
341	Search for a low-mass pseudoscalar Higgs boson produced in association with a $b \bar{b}$ pair in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011, 106, 152001.	1.5	25
342	Search for a low-mass pseudoscalar Higgs boson produced in association with a $b \bar{b}$ pair in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011, 106, 152001.	1.5	25

#	ARTICLE	IF	CITATIONS
343	Measurement of the WZ production cross section in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 268-290.	1.5	25
344	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
345	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
346	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
347	Diffractional production of W and Z bosons at the Fermilab Tevatron. Physical Review D, 2010, 82, .	1.6	24
348	Direct Top-Quark Width Measurement at CDF. Physical Review Letters, 2010, 105, 232003.	2.9	24
349	Top quark mass measurement using the template method at CDF. Physical Review D, 2011, 83, .	1.6	24
350	Search for a new heavy gauge boson W' with event signature $e^+e^- \rightarrow W' \rightarrow e^+e^- + \text{jet}$. Physical Review Letters, 2013, 110, 071801.	1.6	24
351	Search for a new heavy gauge boson W' with event signature $e^+e^- \rightarrow W' \rightarrow e^+e^- + \text{jet}$. Physical Review Letters, 2013, 110, 071801.	2.9	24
352	Evidence for $t\bar{t}$ production and measurement of $\sigma(t\bar{t})/\sigma(t\bar{t})$. Physical Review D, 2011, 84, .	1.6	24
353	Observation of the Production of a W Boson in Association with a Single Charm Quark. Physical Review Letters, 2013, 110, 071801.	2.9	24
354	Mass and lifetime measurements of bottom and charm baryons in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2011, 106, 022001.	1.6	24
355	Search for third-generation scalar leptoquarks in the $t\bar{t}$ channel in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	24
356	Measurement of the integrated and differential $t\bar{t}$ production cross sections for high-pT top quarks in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2016, 94, .	1.6	24
357	Measurement of the charge asymmetry in top quark pair production in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2011, 106, 022001.	1.6	24
358	Search for dark matter and unparticles produced in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2016, 116, 021802.	1.6	24
359	Search for Dark Matter and Supersymmetry with a Compressed Mass Spectrum in the Vector Boson Fusion Topology in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2017, 118, 021802.	1.5	24
360	Search for Dark Matter and Supersymmetry with a Compressed Mass Spectrum in the Vector Boson Fusion Topology in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2017, 118, 021802.	2.9	24

#	ARTICLE	IF	CITATIONS
361	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, 433-456.	1.5	24
362	Search for physics beyond the standard model in high-mass diphoton events from proton-proton collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 433-456.	2.9	24
363	Measurement of jet substructure observables in $\sqrt{s}=13$ TeV pp collisions. Journal of High Energy Physics, 2019, 1.	1.6	24
364	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.	1.6	24
365	Search for new particles decaying to a jet and an emerging jet. Journal of High Energy Physics, 2019, 2019, 1.	1.5	24
366	Jet Shapes of Isolated Photon Tagged Jets in Pb-Pb and pp Collisions at $\sqrt{s}=2.76$ and $\sqrt{s}=8$ TeV. Physical Review Letters, 2019, 122, 152001.	2.9	24
367	Study of excited Υ states decaying to $\Upsilon(1S)\pi^+\pi^-$ 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
368	Search for the Production of Scalar Bottom Quarks in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 081802.	2.9	23
370	Measurement of the top quark mass in the dilepton channel using $\sqrt{s}=8$ TeV data. Physical Review D, 2010, 81, .	1.6	23
371	Observation of top quark pairs produced in association with a vector boson in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	23
372	Measurement of the jet mass in highly boosted $\overline{t}t$ events from pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2017, 77, 467.	1.4	23
373	Observation of Top Quark Production in Proton-Nucleus Collisions. Physical Review Letters, 2017, 119, 242001.	2.9	23
374	Search for heavy resonances decaying to tau lepton pairs in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	23
375	Measurement of the transverse momentum spectra of weak vector bosons produced in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	23
376	Measurement of the top quark mass using single top quark events in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2017, 77, 354.	1.4	23
377	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
378	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

#	ARTICLE	IF	CITATIONS
379	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
380	Search for supersymmetry in proton-proton collisions at $\sqrt{s}=13$ TeV using identified top quarks. Physical Review D, 2018, 97, .	1.6	23
381	Search for resonant $t\bar{t}$ production in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	23
382	Search for Low-Mass Quark-Antiquark Resonances Produced in Association with a Photon at $\sqrt{s}=13$ TeV. Physical Review Letters, 2019, 123, 231803.	2.9	23
383	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
384	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
385	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
386	Measurements of branching fraction ratios and CP asymmetries in $B^0 \rightarrow D^0 K^0$ decays in hadron collisions. Physical Review D, 2010, 81, .	1.6	22
387	Measurements of the top-quark mass using charged particle tracking. Physical Review D, 2010, 81, .	1.6	22
388	Search for New Physics in High p_T Like-Sign Dilepton Events at CDF II. Physical Review Letters, 2011, 107, 181801.	2.9	22
389	Measurement of the masses and widths of the bottom baryons Λ_b^0 and Λ_b^+ . Physical Review D, 2012, 85, .	1.6	22
390	Measurement of the Cross Section for Direct-Photon Production in Association with a Heavy Quark in pp Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2019, 123, 231803.	2.9	22
391	Measurement of differential production cross sections for $t\bar{t}$ production in association with jets in pp collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2015, 91, .	1.6	22
392	Measurement of the ZZ production cross section and $Z \rightarrow \tau^+ \tau^-$ branching fraction in pp collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2016, 763, 280-303.	1.5	22
393	Measurement of the ZZ production cross section and $Z \rightarrow \tau^+ \tau^-$ branching fraction in pp collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2016, 763, 280-303.	1.5	22
394	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
395	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
396	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

#	ARTICLE	IF	CITATIONS
397	Search for heavy neutrinos or third-generation leptosquarks in final states with two hadronically decaying \tilde{l} , leptons and two jets in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
398	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
399	Search for direct pair production of supersymmetric partners to the τ lepton in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 189.	1.4	22
400	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
401	Observation of $B_s \rightarrow K^* \ell \bar{\ell}$ decays. Physical Review D, 2011, 83, .	1.6	21
402	Measurement of Z production in leptonic final states at $\sqrt{s}=1.96$ TeV at CDF. Physical Review Letters, 2012, 108, 101801.	2.9	21
403	Search for associated production of a Z boson with a single top quark and for tZ flavour-changing interactions in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	21
404	Search for supersymmetry in events with a \tilde{l} , lepton pair and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	21
405	Search for beyond the standard model Higgs bosons decaying into a $b\bar{b}$ pair in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	21
406	Search for a light charged Higgs boson decaying to a W boson and a C or P odd Higgs boson in final states with Z production. Physical Review Letters, 2019, 123, 011801.	2.9	21
407	Observation of prompt J/ψ meson elliptic flow in high-multiplicity pPb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 791, 172-194.	1.5	21
408	Constraints on anomalous H or V couplings from the production of Higgs bosons decaying to $\tilde{l}\bar{l}$ lepton pairs. Physical Review D, 2019, 100, .	1.6	21
409	A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution. Computing and Software for Big Science, 2020, 4, 10.	1.3	21
410	Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment. Journal of High Energy Physics, 2020, 2020, 1.	1.6	21
411	First Observation of Vector Boson Pairs in a Hadronic Final State at the Tevatron Collider. Physical Review Letters, 2009, 103, 091803.	2.9	20
412	Search for parity violating decays of sneutrinos to $e\bar{\nu}$ or $\nu\bar{\nu}$. Physical Review Letters, 2019, 123, 011801.	2.9	20
413	Search for New Dielectron Resonances and Randall-Sundrum Gravitons at the Collider Detector at Fermilab. Physical Review Letters, 2011, 107, 051801.	2.9	20
414	Study of B meson production in p - Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2019, 123, 011801.	2.9	20

#	ARTICLE	IF	CITATIONS
415	Azimuthal decorrelation of jets widely separated in rapidity in pp collisions at $s = 7 \sqrt{s} = 7 \sqrt{s}$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	20
416	Measurements of the charm jet cross section and nuclear modification factor in pPb collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 306-329.	1.6	20
417	Search for $t\bar{t}$ 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
418	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
419	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
420	Search for rare decays of Z and Higgs bosons to J/ψ and a photon in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 94.	1.4	20
421	Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 100, .	1.6	20
422	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
423	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
424	A search for the standard model Higgs boson decaying to charm quarks. Journal of High Energy Physics, 2020, 2020, 1.	1.6	20
425	Search for the supersymmetric partner of the top quark in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2010, 82, .	1.6	19
426	Search for a Dark Matter Candidate Produced in Association with a Single Top Quark in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 201802.	2.9	19
427	Search for $B \rightarrow \tau^+ \nu_\tau$ decays in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	19
428	Indirect measurement of $B \rightarrow \tau^+ \nu_\tau$ decays in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2017, 96, .	1.6	19
429	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
430	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into $\tilde{l}, \tilde{\nu}_l$ leptons in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	19
431	Search for a very light NMSSM Higgs boson and jets in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2017, 96, .	1.6	19
432	Principal-component analysis of two-particle azimuthal correlations in PbPb and pp collisions at CMS. Physical Review C, 2017, 96, .	1.6	19

#	ARTICLE	IF	CITATIONS
433	Observation of the $\tilde{t}_1(3P)$ and $\tilde{t}_2(3P)$ and Measurement of their Masses. Physical Review Letters, 2018, 121, 092002.	2.9	19
434	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
435	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
436	Search for MSSM Higgs bosons decaying to $\tilde{t}_1 + \tilde{t}_1^*$ 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
437	Measurement of the b-hadron production cross section using decays to D^0 final states in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 79, .	1.6	18
438	Diffractive dijet production in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 79, .	1.6	18
439	Measurement of $B_s \rightarrow D_s^* + D_s^*$ Branching Ratios. Physical Review Letters, 2012, 108, 201801.	2.9	18
440	Exclusion of exotic top-like quarks with electric charge using jet-charge tagging in single-lepton events at CDF.	1.6	18
441	Phys First Search for Exotic Z Boson Decays into Photons and Neutral Pions in Hadron Collisions. Physical Review Letters, 2014, 112, 111803.	2.9	18
442	Precise measurement of the W -boson mass with the Collider Detector at Fermilab. Physical Review D, 2014, 89, .	1.6	18
443	Decomposing transverse momentum balance contributions for quenched jets in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
444	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
445	Search for $W \rightarrow \tau \nu$ decaying to tau lepton and neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 196-216.	1.5	18
446	Search for top squark pair production in compressed-mass-spectrum scenarios in proton-proton collisions at $\sqrt{s} = 13$ TeV using the $\tilde{t} \rightarrow T$ variable. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 403-430.	1.5	18
447	Measurement of the differential cross section for the production of $b\bar{b}$ pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	18
448	Measurement of normalized differential $\overline{\sigma}(\mathit{t}\bar{\mathit{t}})$ cross sections in the dilepton channel from pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	18
449	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
450	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

#	ARTICLE	IF	CITATIONS
451	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
452	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
453	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.	1.5	18
454	Running of the top quark mass from proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 800, 135048.	1.5	18
455	Measurement of W -boson helicity fractions in top quark decays using $t \rightarrow Wb$ pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 800, 135048.	1.5	17
456	Search for resonant production of W bosons in top quark decays using $t \rightarrow Wb$ pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 800, 135048.	1.6	17
457	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. Physical Review D, 2012, 86, .	1.6	17
458	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
459	Combination of searches for the Higgs boson using the full CDF data set. Physical Review D, 2013, 88, .	1.6	17
460	Measurement of the B_c meson lifetime in the decay $B_c \rightarrow W^+ \ell^- \nu_\ell$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 641-662.	1.6	17
461	Search for Higgs boson off-shell production in proton-proton collisions at 7 and 8 TeV and derivation of constraints on its total decay width. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
462	Measurement of the inelastic cross section in proton-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 641-662.	1.6	17
463	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
464	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
465	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
466	Measurement of electroweak-induced production of $W^{\pm} \gamma^* \gamma^*$ 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
467	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
468	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

#	ARTICLE	IF	CITATIONS
469	Charged-particle nuclear modification factors in XeXe collisions at $\sqrt{s_{\mathrm{NN}}} = 5.44$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
470	Angular analysis of the decay $B \rightarrow K^* K^* \pi^0$ in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2018, 98, .	1.6	17
471	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
472	Search for Z^0 resonances using leptonic and hadronic final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
473	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
474	Search for the decay of a Higgs boson in the $h \rightarrow a, \tilde{a}, \tilde{h}^0$ channel in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
475	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
476	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
477	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.	2.9	17
478	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
479	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
480	Studies of Beauty Suppression via Nonprompt Mesons in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 022001.	2.9	17
481	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.	1.5	16
482	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. Physical Review D, 2011, 83, .	1.6	16
483	Search for a Very Light Odd Higgs Boson in Top Quark Decays from Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2019, 123, 022001.	2.9	16
484	Measurements of branching fraction ratios and CP-asymmetries in suppressed $B \rightarrow K^* D^* \pi^0$ and $B \rightarrow K^* D^* \pi^0$ decays. Physical Review D, 2011, 84, .	1.6	16
485	Search for scalar top quark production in pp collisions at $\sqrt{s} = 1.96$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	16
486	Search for lepton flavour violating decays of heavy resonances and quantum black holes to an $e \mu$ pair in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 317.	1.4	16

#	ARTICLE	IF	CITATIONS
487	Measurement of the production cross section in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 536.	1.4	16
488	Search for excited leptons in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	16
490	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
491	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
492	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 High-Energy Physics, 2018, 777, 39-63.	1.5	16
493	Measurement of associated Z + charm production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 287.	1.5	16
494	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
495	Search for pair-produced resonances decaying to quark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2018, 98, .	1.6	16
496	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
497	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
498	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
499	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.	1.5	16
500	Exclusion of an Exotic Top Quark with $2/3$ Electric Charge Using Soft Lepton Tagging. Physical Review Letters, 2010, 105, 101801.	2.9	15
501	Search for single top quark production in pp collisions at $\sqrt{s} = 1.96$ TeV in the missing transverse energy plus jets topology. Physical Review D, 2010, 81, .	1.6	15
502	Search for heavy metastable particles decaying to jet pairs in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	1.6	15
503	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
504	Indirect measurement of $\sin^2 2\beta$ using e^+e^- pairs in the Z-boson region with pp collisions at a center-of-momentum energy of 1.96 TeV. Physical Review D, 2013, 88, .	1.6	15

#	ARTICLE	IF	CITATIONS
505	Measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle W \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -boson polarization in top-quark decay using the full CDF Run II data set. Physical Review D, 2013, 87, .	1.6	15
506	Measurement of $R=B(\tau^+W_b)/B(\tau^+W_q)$ in top-quark-pair decays using lepton+jet events and the full CDF run II dataset. Physical Review D, 2013, 87, .	1.6	15
507	Measurement of $B(\tau^+W_b)/B(\tau^+W_q)$ in Top-Quark-Pair Decays Using Dilepton Events and the Full CDF Run II Data Set. Physical Review Letters, 2014, 112, 221801.	2.9	15
508	Evidence for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle s \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Channel Single-Top-Quark Production in Events with One Charged Lepton and Two Jets at CDF. Physical Review Letters, 2014, 112, 231804.	2.9	15
509	Upgrade of the CMS muon system with triple-GEM detectors. Journal of Instrumentation, 2014, 9, C10036-C10036.	0.5	15
510	Search for a Higgs boson decaying into $\hat{1}^3 \hat{2}^3 \hat{1}^3 \hat{1}^3$, $\hat{1}^3 \hat{1}^3$ with low dilepton mass in pp collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \langle \text{mml:msqrt} \rangle \langle \text{mml:mi} \rangle s \langle \text{mml:mi} \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 8 \langle \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \hat{A} \text{TeV} \langle \text{mml:math} \rangle$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 341-362.	1.5	15
511	Measurement of top quark polarisation in t-channel single top quark production. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
512	Search for Supersymmetry in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle p \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msqrt} \rangle \langle \text{mml:mi} \rangle s \langle \text{mml:mi} \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 13 \langle \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \hat{a} \%$ in the Single-Lepton Final State Using the Sum of Masses of Large-Radius Jets. Physical Review Letters, 2017, 119, 151802.	2.9	15
513	Search for electroweak production of charginos and neutralinos in WH events in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
514	Search for top quark decays via Higgs-boson-mediated flavor-changing neutral currents in pp collisions at $s = 8 \sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
515	Measurement of the $t \bar{t} \hat{A}^-$ production cross section using events with one lepton and at least one jet in pp collisions at $s = 13 \sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
516	Search for new physics with dijet angular distributions in proton-proton collisions at $s = 13 \sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
517	Measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal"} \rangle \hat{1} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle b \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle$ polarization and angular parameters in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle$	1.6	15
518	Search for a singly produced third-generation scalar leptoquark decaying to a $\hat{1}_l$, lepton and a bottom quark in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
519	Measurement of b hadron lifetimes in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 457.	1.4	15
520	Measurement of prompt $\hat{1}(2S)$ production cross sections in proton-proton collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \langle \text{mml:msqrt} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle s \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal"} \rangle NN \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 5.02 \langle \text{mml:mtext} \rangle \text{TeV} \langle \text{mml:mtext} \rangle \langle \text{mml:math} \rangle$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 509-532.	1.6	15
521	Search for new physics in final states with a single photon and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	15
522	Search for lepton flavour violating decays of a neutral heavy Higgs boson to $\hat{1}_l \hat{1}_l$, and $e \hat{1}_l$, in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	15

#	ARTICLE	IF	CITATIONS
541	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
542	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
543	Studies of B_s^0 and B_s^+		

#	ARTICLE	IF	CITATIONS
559	Search for a Low-Mass Standard Model Higgs Boson in the $t\bar{t}\gamma$ Decay Channel in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 181804.	2.9	13
560	Measurement of CP-violation asymmetries in $D^0 \rightarrow K^0 \pi^+ \pi^-$. Physical Review D, 2012, 86, .	1.6	13
561	Search for high-mass resonances decaying into $Z\gamma$ in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	1.6	13
562	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
563	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
564	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
565	Measurement of the top quark mass using charged particles in pp collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2016, 93, .	1.6	13
566	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
567	Search for exotic decays of a Higgs boson into undetectable particles and one or more photons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 363-388.	1.5	13
568	Search for single production of vector-like quarks decaying to a Z boson and a top or a bottom quark in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13
569	Combined Forward-Backward Asymmetry Measurements in Top-Antitop Quark Production at the Tevatron. Physical Review Letters, 2018, 120, 042001.	2.9	13
570	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
571	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
572	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
573	Search for parity 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
574	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
575	Search for top quark partners with charge 5/3 in the same-sign dilepton and single-lepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
576	Search for supersymmetry with a compressed mass spectrum in the vector boson fusion topology with 1-lepton and 0-lepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13

#	ARTICLE	IF	CITATIONS
577	Search for contact interactions and large extra dimensions in the dilepton mass spectra from proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1. Measurement of the Jet Mass Distribution and Top Quark Mass in Hadronic Decays of Boosted Top Quarks in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
578	Measurements of the Top-Quark Mass and the $\sigma(\text{pp} \rightarrow t\bar{t})$ using the Full CDF Data Set. Physical Review Letters, 2020, 124, 202001.	2.9	13
579	Search for dark photons in decays of Higgs bosons produced in association with Z bosons in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
580	Measurement of $\sigma(\text{pp} \rightarrow t\bar{t})$ cross section in pp collisions at $\sqrt{s}=1.96$ TeV using dilepton events with a lepton plus track selection. Physical Review D, 2009, 79, .	1.6	12
581	Search for the Standard Model Higgs Boson Decaying to a $b\bar{b}$ Pair in Events with Missing Energy and Large Jet Mass. Physical Review Letters, 2014, 112, 231805.	2.9	12
582	Measurements of the Top-Quark Mass and the $\sigma(\text{pp} \rightarrow t\bar{t})$ using the Full CDF Data Set. Physical Review Letters, 2020, 124, 202001.	2.9	12
583	Search for $\sigma(\text{pp} \rightarrow t\bar{t})$ Cross Section in the Hadronic $\sigma(\text{pp} \rightarrow t\bar{t})$ Decay Channel at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2014, 112, 231805.	2.9	12
584	Search for supersymmetry in the vector-boson fusion topology in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	12
585	Phenomenological MSSM interpretation of CMS searches in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	12
586	Search for neutral MSSM Higgs bosons decaying to $\tau^+\tau^-$ in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2016, 752, 221-246.	1.5	12
587	Measurement of the top quark mass in the dileptonic $\sigma(\text{pp} \rightarrow t\bar{t})$ -parity violating supersymmetry with displaced vertices in proton-proton collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2016, 752, 221-246.	1.6	12
588	Measurement of the top quark mass in the dileptonic $\sigma(\text{pp} \rightarrow t\bar{t})$ decay channel using the mass observables $\sigma(\text{pp} \rightarrow t\bar{t})$. Physical Review Letters, 2017, 773, 263-287.	1.6	12
589	Search for high-mass Z resonances in proton-proton collisions at $\sqrt{s}=13$ TeV using jet substructure techniques. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2017, 773, 263-287.	1.6	12
590	Measurements of differential cross sections for associated production of a W boson and jets in proton-proton collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2017, 95, .	1.6	12
591	Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at $\sqrt{s}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
592	Measurement of the groomed jet mass in PbPb and pp collisions at $\sqrt{s}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
593	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
594	Search for dark matter produced in association with a Higgs boson decaying to $\tau^+\tau^-$ or $b\bar{b}$, $\tau^+\tau^-$ at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12

#	ARTICLE	IF	CITATIONS
595	An embedding technique to determine \tilde{l}, \tilde{l}^* , backgrounds in proton-proton collision data. Journal of Instrumentation, 2019, 14, P06032-P06032.	0.5	12
596	Search for Higgs and Z boson decays to J/ψ or Y pairs in the four-muon final state in proton-proton collisions at $\sqrt{s}=13\text{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134811.	1.5	12
597	Search for Dark Matter Particles Produced in Association with a Top Quark Pair at $\sqrt{s}=13\text{TeV}$. Physical Review Letters, 2019, 122, 011803.	2.9	12
598	Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at $\sqrt{s}=13\text{TeV}$. European Physical Journal C, 2019, 79, 1.	1.4	12
599	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
600	Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at $\sqrt{s}=13\text{TeV}$. European Physical Journal C, 2019, 79, 893.	1.4	12
601	Measurement of the single top quark and antiquark production cross sections in the t channel and their ratio in proton-proton collisions at $\sqrt{s}=13\text{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134811.	1.5	12
602	Constraints on the $\tilde{t}\tilde{t}^*$ production cross section in proton-proton collisions at $\sqrt{s}=13\text{TeV}$. Physical Review Letters, 2020, 124, 1.	1.6	12
603	Design of a constant fraction discriminator for the VFAT3 front-end ASIC of the CMS GEM detector. Journal of Instrumentation, 2016, 11, C01023-C01023.	0.5	12
604	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s}=13\text{TeV}$. Journal of High Energy Physics, 2022, 2022, 1.	1.6	12
605	Search for the Higgs Boson Using Neural Networks in Events with Missing Energy and b-Quark Jets in pp Collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review Letters, 2010, 104, 141801.	2.9	11
606	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
607	Search for supersymmetry in proton-proton collisions at $\sqrt{s}=13\text{TeV}$. Physical Review D, 2016, 93, 052004.	1.6	11
608	Search for electroweak production of charginos in final states with two \tilde{l}, \tilde{l}^* , leptons in pp collisions at $\sqrt{s}=8\text{TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
609	Search for standard model production of four top quarks in proton-proton collisions at $\sqrt{s}=13\text{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 336-358.	1.5	11
610	Search for new phenomena in events with high jet multiplicity and low missing transverse momentum in proton-proton collisions at $\sqrt{s}=8\text{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 257-267.	1.5	11
611	Measurement of the semileptonic $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=8\text{TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
612	Measurement of the transverse momentum spectrum of the Higgs boson produced in pp collisions at $\sqrt{s}=8\text{TeV}$ using $H\rightarrow WW$ decays. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11

#	ARTICLE	IF	CITATIONS
613	Search for gauge-mediated supersymmetry in events with at least one photon and missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, 2018, 418, 1.	1.5	11
614	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
615	Precision measurement of the structure of the CMS inner tracking system using nuclear interactions. Journal of Instrumentation, 2018, 13, P10034-P10034.	0.5	11
616	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
617	Search for supersymmetry in events with a photon, jets, \mathcal{E}_T -jets, and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 444.	1.4	11
618	Search for nonresonant Higgs boson pair production in the \mathcal{E}_T final state at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
619	Study of the underlying event in top quark pair production in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 123.	1.4	11
620	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
621	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
622	Search for supersymmetry in pp collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2020, 101, .	1.6	11
623	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
624	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
625	Search for the Higgs boson produced in association with the matrix element method at CDF II. Physical Review D, 2009, 80, .	1.6	10
626	Measurement of the top quark mass at CDF using the neutrino template method on a lepton plus isolated track sample. Physical Review D, 2009, 79, .	1.6	10
627	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
628	Search for New Physics with a Dijet Plus Missing E_T Signature in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 131801.	2.9	10
629	Measurement of the top quark mass in the \mathcal{E}_T channel using a jet flavor discriminant. Physical Review D, 2011, 84, .	1.5	10
630	Measurement of the top pair production cross section in the \mathcal{E}_T channel using a jet flavor discriminant. Physical Review D, 2011, 84, .	1.6	10

#	ARTICLE	IF	CITATIONS
631	Measurement of the mass difference between top and antitop quarks. Physical Review D, 2013, 87, .	1.6	10
632	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
633	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
634	Measurement of the underlying event activity using charged-particle jets in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	10
635	Search for supersymmetry in the all-hadronic final state using top quark tagging in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
636	Measurements of the $pp \rightarrow W\gamma\gamma$ and $pp \rightarrow Z\gamma\gamma$ cross sections and limits on anomalous quartic gauge couplings at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
637	Measurement of the inclusive energy spectrum in the very forward direction in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
638	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
639	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
640	Search for Higgsino pair production in pp collisions at $\sqrt{s} = 13$ TeV in final states with large missing transverse momentum and two Higgs bosons decaying via $Z/\gamma \rightarrow \tau\tau$. Physical Review D, 2019, 100, .	1.6	10
641	Measurement of the $pp \rightarrow Z/\gamma \rightarrow \tau\tau$ cross section in pp collisions at $\sqrt{s} = 13$ TeV and validation of $Z/\gamma \rightarrow \tau\tau$. European Physical Journal C, 2018, 78, 708.	1.4	10
642	Search for a heavy resonance decaying into a Z boson and a vector boson in the $pp \rightarrow \overline{u}q\overline{q}u$ final state. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
643	Search for supersymmetry with Higgs boson to diphoton decays using the razor variables at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 19-44.	1.6	10
644	Search for the production of $W\Delta_{\pm}$ events at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 100, .	1.6	10
645	Search for resonances decaying to a pair of Higgs bosons in the $b\overline{b}q\overline{q}$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
646	Measurement of differential cross sections for Z boson pair production in association with jets at $\sqrt{s} = 8$ and 13 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 19-44.	1.6	10
647	Measurement of $pp \rightarrow Pb$ collisions at $\sqrt{s} = 13$ TeV. Physical Review C, 2020, 101, .	1.1	10
648	Measurement of quark- and gluon-like jet fractions using jet charge in PbPb and pp collisions at 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	10

#	ARTICLE	IF	CITATIONS
649	Evidence for W production from double-parton interactions in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	10
650	Improved Search for a Higgs Boson Produced in Association with Z Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 251802.	2.9	9
651	Search for standard model Higgs boson production in association with a W boson using a matrix element technique at CDF in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	1.6	9
652	Searches for R -parity-violating supersymmetry in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	1.6	9
653	Inclusive search for supersymmetry using razor variables in pp collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2017, 95, .	1.6	9
654	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
655	Search for lepton-flavor violating decays of heavy resonances and quantum black holes to $e\gamma$ final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	9
656	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
657	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
658	Search for a low-mass J/ψ 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
659	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
660	Pseudorapidity distributions of charged hadrons in xenon-xenon collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physical Review C, 2020, 101, .	1.5	9
661	Multiparticle correlation studies in pp collisions at $\sqrt{s} = 13$ TeV. Physical Review C, 2020, 101, .	1.1	9
662	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
663	Measurement of Z production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2010, 82, .	1.6	8
664	Updated search for the flavor-changing neutral-current decay $D^0 \rightarrow \pi^+ \pi^-$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2010, 82, .	1.6	8
665	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
666	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
667	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
668	Status of the Triple-GEM project for the upgrade of the CMS Muon System. Journal of Instrumentation, 2013, 8, C12031-C12031.	0.5	8
669	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
670	Measurement of the ZZ production cross section using the full CDF II data set. Physical Review D, 2014, 89, .	1.6	8
671	Trapping in proton irradiated p+n-n+silicon sensors at fluences anticipated at the HL-LHC outer tracker. Journal of Instrumentation, 2016, 11, P04023-P04023.	0.5	8
672	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
673	Search for supersymmetry in events with one lepton and multiple jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2017, 95, .	1.6	8
674	Searches for W^{\pm} 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
675	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
676	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
677	Pseudorapidity and transverse momentum dependence of flow harmonics in Pb and PbPb collisions. Physical Review C, 2018, 98, .	1.1	8
678	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
679	Search for pair production of excited top quarks in the lepton + jets final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 349-370.	1.5	8
680	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
681	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in $\sqrt{s} = 13$ TeV collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 773.	1.4	8
682	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
683	Measurement of the inclusive very forward jet cross sections in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV and PbPb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV using charge-dependent azimuthal anisotropies. Physical Review C, 2019, 100, .	1.1	8
684	Search for new physics in final states with two opposite-sign, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8

#	ARTICLE	IF	CITATIONS
685	Search for Technicolor Particles Produced in Association with a W Boson at CDF. Physical Review Letters, 2010, 104, 111802.	2.9	7
686	Search for new heavy particles decaying to $Z\hat{\tau}^+\hat{\tau}^-$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 83, .	1.6	7
687	Measurement of the Cross Section for Prompt Isolated Diphoton Production in $p\bar{p}$ Collisions at CDF. Physical Review Letters, 2011, 107, 102003.	2.9	7
688	Top-Quark Mass Measurement Using Events with Missing Transverse Energy and Jets at CDF. Physical Review Letters, 2011, 107, 232002.	2.9	7
689	Search for a Higgs Boson in the Diphoton Final State in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 011801.	2.9	7
690	Novel inclusive search for the Higgs boson in the four-lepton final state at CDF. Physical Review D, 2012, 86, .	1.6	7
691	Invariant-mass distribution of jet pairs produced in association with a W boson in $p\bar{p}$ collisions at CDF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 313-317.	0.7	7
692	Search for leptophobic $Z\hat{\nu}\nu$ bosons decaying into four-lepton final states in proton-proton collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 560-584.	1.6	7
693	Search for supersymmetry with photons in $p\bar{p}$ collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2015, 92, .	1.6	7
694	Quality control and beam test of GEM detectors for future upgrades of the CMS muon high rate region at the LHC. Journal of Instrumentation, 2015, 10, C03039-C03039.	0.5	7
695	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
696	Search for high-mass $Z\hat{\nu}\nu$ resonances in $e^+e^-\hat{\nu}\nu$ and $\hat{\nu}\nu + \hat{\nu}\nu$ final states in proton-proton collisions at $\sqrt{s}=8$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	7
697	Search for excited quarks of light and heavy flavor in $\hat{q}\hat{q}^+$ 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
698	Combination of inclusive and differential \overline{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
699	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
700	Study of central exclusive "Equation missing" production in proton-proton collisions at $\sqrt{s}=5.02$ and 13 TeV. European Physical Journal C, 2020, 80, 718.	1.4	7
701			
702			

#	ARTICLE	IF	CITATIONS
703	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
704	Search for narrow resonances lighter than $\tilde{\eta}$ mesons. European Physical Journal C, 2009, 62, 319-326.	1.4	6
705	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, 111101.	1.6	6
706	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2009, 80, 111101.	1.6	6
707	Search for narrow resonances lighter than $\tilde{\eta}$ mesons. European Physical Journal C, 2009, 62, 319-326.	1.6	6
708	Measurement of the branching fraction $B(\tilde{b} \rightarrow c + \tilde{\chi}^0)$ at CDF. Physical Review D, 2012, 85, .	1.6	6
709	Search for $Z \rightarrow \nu\bar{\nu} + \text{jets}$ with missing transverse energy. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
710	Searches for the Higgs boson decaying to $W + W^* \rightarrow \tau^+ \tau^-$, $\tau^+ \tau^- \nu\bar{\nu}$, $\tau^+ \tau^- \tilde{\chi}^0$ with the CDF II detector. Physical Review D, 2013, 88, .	1.6	6
711	Impact of low-dose electron irradiation on n+p silicon strip sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 803, 100-112.	0.7	6
712	Comparison of the $Z \rightarrow \nu\bar{\nu} + \text{jets}$ to $\tilde{\nu} + \text{jets}$ cross sections in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
713	Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 6-31.	1.5	6
714	$\tilde{\eta}$ (nS) polarizations versus particle multiplicity in pp collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 31-52.	1.5	6
715	Search for R-parity violating decays of a top squark in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 178-201.	1.5	6
716	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
717	Search for supersymmetry in electroweak production with photons and large missing transverse energy in pp collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 479-500.	1.5	6
718	Measurement of the mass of the top quark in decays with a J/ψ meson in pp collisions at 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	6
719	Pseudorapidity dependence of long-range two-particle correlations in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review C, 2017, 96, 014904.	1.1	6
720	Search for supersymmetry in events with at least three electrons or muons, jets, and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6

#	ARTICLE	IF	CITATIONS
721	Centrality and pseudorapidity dependence of the transverse energy density in p -Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2010, 82, 054907.	1.1	6
722	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
723	Measurement of the top quark Yukawa coupling from $t\bar{t}$ kinematic distributions in the lepton+jets final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 100, 054011.	1.6	6
724	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
725	Measurements of triple-differential cross sections for inclusive isolated-photon+jet events in p -Pb collisions at $\sqrt{s} = 8$, 2.76 TeV. European Physical Journal C, 2019, 79, 969.	1.4	6
726	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
727	Determination of the strong coupling constant $\alpha_s(m_Z)$ from measurements of inclusive $W\Delta$ 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
728	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. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135203.	2.9	6
729	Measurement of the inclusive cross section for Υ meson production inside jets in pp collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2020, 102, 041805.	1.5	6
730	Observation of the $\Upsilon(1S) \rightarrow \mu^+\mu^-$ 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
731	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
732	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
733	Searching the inclusive $W \rightarrow \mu\nu$ signature for radiative top quark decay and non-standard-model processes. Physical Review D, 2009, 80, 054011.	1.6	5
734	Measurement of the $t\bar{t}$ production cross section with an in-situ calibration of b-jet identification efficiency. Physical Review D, 2011, 83, 054011.	1.6	5
735	Search for anomalous production of multiple leptons in association with W and Z bosons at CDF. Physical Review D, 2012, 85, 052002.	1.6	5
736	Search for anomalous production of multiple leptons in association with W and Z bosons at CDF. Physical Review D, 2012, 85, 052002.	1.6	5
737	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
738	Production of K_S^0 mesons in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2020, 102, 041805.	1.6	5

#	ARTICLE	IF	CITATIONS
739	Search for a Top-Higgs-Boson Doublet Using a Simplified Model in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2015, 92, .	2.9	5
740	Measurement of the top-quark mass in the $t\bar{t}$ -dilepton channel using the full CDF Run II data set. Physical Review D, 2015, 92, .	1.6	5
741	Measurement of the production and differential cross sections of $W+W\tilde{a}$ bosons in association with jets in pp -collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2015, 91, .	1.6	5
742	Search for Resonances Decaying to Top and Bottom Quarks with the CDF Experiment. Physical Review Letters, 2015, 115, 061801.	2.9	5
743	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
744	Search for 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
745	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
746	Studies of inclusive four-jet production with two b -tagged jets in proton-proton collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2016, 94, .	1.6	5
747	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
748	Search for supersymmetry in events with photons and missing transverse energy in pp collisions at 13 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 391-412.	1.5	5
749	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
750	Measurement of the inclusive $\sigma(\overline{t}t)$ 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
751	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	5
752	Observation of the $Z\tau^+\tau^-$, $W\tau^+\tau^-$ Decay in pp Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2018, 121, 1418015	1.6	5
753	Search for a $W\tilde{a}^2$ 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
754	Search for the pair production of light top squarks in the $e^+e^- \rightarrow t\bar{t}$ final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
755	Search for pair-produced three-jet resonances in proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2019, 99, .	1.6	5
756	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

#	ARTICLE	IF	CITATIONS
757	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
758	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
759	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
760	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
761	Search for the Higgs boson in the all-hadronic final state using the CDF II detector. Physical Review D, 2011, 84, .	1.6	4
762	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
763	Search for Supersymmetry with Like-Sign Lepton-Tau Events at CDF. Physical Review Letters, 2013, 110, 201802.	2.9	4
764	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
765	Search for $Z\gamma$ boson pairs decaying into charged leptons and jets in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2013, 88, .	1.6	4
766	A study of film and foil materials for the GEM detector proposed for the CMS muon system upgrade. Journal of Instrumentation, 2014, 9, C04022-C04022.	0.5	4
767	Development of the data acquisition system for the Triple-GEM detectors for the upgrade of the CMS forward muon spectrometer. Journal of Instrumentation, 2014, 9, C03052-C03052.	0.5	4
768	Studies on the upgrade of the muon system in the forward region of the CMS experiment at LHC with GEMs. Journal of Instrumentation, 2014, 9, C01053-C01053.	0.5	4
769	First measurement of the forward-backward asymmetry in bottom-quark pair production at high mass. Physical Review D, 2015, 92, .	1.6	4
770	Measurement of the differential cross sections for top quark pair production as a function of kinematic event variables in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Physical Review D, 2016, 94, .	1.6	4
771	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
772	Search for dark matter particles in proton-proton collisions at $\sqrt{s} = 8$ TeV using the razor variables. Journal of High Energy Physics, 2016, 2016, 1.	1.6	4
773	Measurement of the WW 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
774	Search for CP violation in $t\bar{t}$ production and decay in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	4

#	ARTICLE	IF	CITATIONS
775	Measurement of differential cross sections in the kinematic angular variable $\tilde{\chi}^*$ for inclusive Z boson production in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
776	Search for ZZ resonances in the $2\ell, 2\ell\gamma$ final state in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
777	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
778	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
779	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, 2019, 780, 284-309.	1.5	4
780	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
781	Search for $W \rightarrow 3\pi$ Boson Decays to Three Charged Pions. Physical Review Letters, 2019, 122, 151802.	2.9	4
782	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
783	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
784	Production of $\Lambda^0, \Lambda^{\pm}, \Lambda^{\pm}$ hyperons in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 86, 1.	1.6	3
785	Search for standard model Higgs boson production in association with a W boson at CDF. Physical Review D, 2012, 85, .	1.6	3
786	W-boson polarization measurement in the $W \rightarrow 3\pi$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2019, 780, 284-309.	1.5	3
787	Development and performance of large scale triple GEM for CMS. Journal of Instrumentation, 2013, 8, C11017-C11017.	0.5	3
788	Performance of a large-area GEM detector prototype for the upgrade of the CMS muon endcap system. Journal of Instrumentation, 2014, 9, P03003-P03003.	0.7	3
789	Measurement of the single top quark production cross section and $ V_{tb} $ in 1.96 TeV pp collisions with missing transverse energy and jets and final CDF combination. Physical Review D, 2016, 93, .	1.6	3
790	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
791	Observation of the decay $B \rightarrow T(2S) K^+$ in pp collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2017, 764, 66-86.	1.5	3
792	Overview of large area triple-GEM detectors for the CMS forward muon upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 298-303.	0.7	3

#	ARTICLE	IF	CITATIONS
793	Search for top quark partners with charge $5/3$ in proton-proton collisions at $s = 13 \sqrt{s} = 13 \sqrt{s}$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
794	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
795	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
796	Search for Narrow H^{\pm} Resonances in Proton-Proton Collisions at $s = 13 \sqrt{s} = 13 \sqrt{s}$ TeV. Physical Review Letters, 2019, 122, 081804.	2.9	3
797	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
798	Study of the $\{B\}^{\pm} \rightarrow \{U\} \overline{\Lambda} \{p\}$ decay in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
799	Measurements of the $(p) \rightarrow (Z)$ 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
800	Search for $W \rightarrow W$ and $Z \rightarrow Z$ production in lepton plus jets final state at CDF. Physical Review D, 2009, 79, .	1.6	2
801	Search for a heavy vector boson decaying to two gluons in pp collisions at $s = 1.96 \sqrt{s} = 1.96 \sqrt{s}$ TeV. Physical Review D, 2012, 86, .	1.6	2
802	Search for the standard model Higgs boson produced in association with a Z boson in $p \rightarrow p$ collisions. Physical Review D, 2013, 88, .	1.5	2
803	Search for $p \rightarrow p$ collisions at $\sqrt{s} = 1.96 \sqrt{s} = 1.96 \sqrt{s}$ TeV. Physical Review D, 2013, 88, .	1.6	2
804	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
805	Fiber Bragg Grating (FBG) sensors as flatness and mechanical stretching sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 493-495.	0.7	2
806	Search for a low-mass neutral Higgs boson with suppressed couplings to fermions using events with multiphoton final states. Physical Review D, 2016, 93, .	1.6	2
807	The Triple GEM Detector Control System for CMS forward muon spectrometer upgrade. Journal of Instrumentation, 2017, 12, P02003-P02003.	0.5	2
808	Search for new phenomena with multiple charged leptons in proton-proton collisions at $\sqrt{s} = 13 \sqrt{s} = 13 \sqrt{s}$ TeV. European Physical Journal C, 2017, 77, 1.	1.4	2
809	A novel application of Fiber Bragg Grating (FBG) sensors in MPGD. EPJ Web of Conferences, 2018, 174, 03002.	0.1	2
810	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. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2

#	ARTICLE	IF	CITATIONS
811	Measurement of the top quark pair production cross section in dilepton final states containing one \bar{l} , lepton in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
812	Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	2
813	Search for heavy resonances decaying to a pair of Lorentz-boosted Higgs bosons in final states with leptons and a bottom quark pair at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, .	1.6	2
814	The ATLAS trigger - commissioning with cosmic rays. Journal of Physics: Conference Series, 2008, 119, 022014.	0.3	1
815	Improved determination of the sample composition of dimuon events produced in pp collisions at $\sqrt{s} = 1.96$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	1
816	Search for neutral color-octet weak-triplet scalar particles in proton-proton collisions at $s = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	1
817	Constraints on Models of the Higgs Boson with Exotic Spin and Parity using Decays to Bottom-Antibottom Quarks in the Full CDF Data Set. Physical Review Letters, 2015, 114, 141802.	2.9	1
818	Studies of high-transverse momentum jet substructure and top quarks produced in 1.96 TeV proton-antiproton collisions. Physical Review D, 2015, 91, .	1.6	1
819	Measurement of the forward-backward asymmetry in low-mass bottom-quark pairs produced in proton-antiproton collisions. Physical Review D, 2016, 93, .	1.6	1
820	Measurement of the inclusive-isolated prompt-photon cross section in pp collisions using the full CDF data set. Physical Review D, 2017, 96, .	1.6	1
821	Measurement of the D^+ meson production cross section at low transverse momentum in pp collisions at $s = 1.96$ TeV. Physical Review D, 2017, 95, .	1.6	1
822	Search for standard-model Z and Higgs bosons decaying into a bottom-antibottom quark pair in proton-antiproton collisions at 1.96 TeV. Physical Review D, 2018, 98, .	1.6	1
823	Quality control for the first large areas of triple-GEM chambers for the CMS endcaps. EPJ Web of Conferences, 2018, 174, 03003.	0.1	1
824	Search for Physics beyond the Standard Model in Events with Overlapping Photons and Jets. Physical Review Letters, 2019, 123, 241801.	2.9	1
825	Search for top squark pair production in a final state with two tau leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	1
826	Measurement of b hadron lifetimes in pp collisions at ($\sqrt{s} = 8$) (TeV), 2018, 78, 1.		1
827	The Triple-GEM Project for the Phase 2 Upgrade of the CMS Muon System. , 2015, . ,		1
828	Measurement of the charge asymmetry of electrons from the decays of W bosons produced in pp collisions at $s = 1.96$ TeV. Physical Review D, 2021, 104, .	1.6	1

#	ARTICLE	IF	CITATIONS
829	Observation of $B \rightarrow S \psi(2S) K^0_{\text{charm}}$ and $B \rightarrow S \psi(2S) K^0_{\text{charm}}$ decays. European Physical Journal C, 2022, 82, .	1.4	1
830	Event reconstruction algorithms for the ATLAS trigger. Journal of Physics: Conference Series, 2008, 119, 022022.	0.3	0
831	Study of multi-muon events produced in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.5	0
832	Status report on the CMS forward muon upgrade with large-size triple-GEM detectors. , 2014, , .		0
833	Mechanical stability of the CMS strip tracker measured with a laser alignment system. Journal of Instrumentation, 2017, 12, P04023-P04023.	0.5	0
834	Search for natural supersymmetry in events with top quark pairs and photons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	0
835	Measurement of the differential cross sections for W -boson production in association with jets in pp collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2019, 99, .	1.6	0
836	Search for Higgs-like particles produced in association with bottom quarks in proton-antiproton collisions. Physical Review D, 2019, 99, .	1.6	0
837	Combined search for supersymmetry with photons in proton-proton collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2020, 801, 135103.	1.5	0
838	The Muon Trigger in ATLAS. , 2009, , .		0
839	Physics motivations and expected performance of the CMS muon system upgrade with triple-GEM detectors. , 2016, , .		0