

# Michele Gallinaro

## List of Publications by Year in descending order

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1,006  
papers

45,217  
citations

2669

95  
h-index

7136

153  
g-index

1024  
all docs

1024  
docs citations

1024  
times ranked

11205  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Top Quark Production in $p\bar{p}$ Collisions with the Collider Detector at Fermilab. Physical Review Letters, 1995, 74, 2626-2631.	2.9	1,240
2	Measurement of the $J/\psi$ meson and $b$ -hadron production cross sections in $pp\bar{p}$ collisions at $\sqrt{s}=1.96$ GeV. Physical Review D, 2005, 71, .	1.6	624
3	Precise determination of the mass of the Higgs boson and tests of compatibility of its couplings with the standard model predictions using proton collisions at 7 and 8 TeV. European Physical Journal C, 2015, 75, 212.	1.4	541
4	Observation of the Narrow State $X(3872)$ in $J/\psi + \bar{c}c$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ GeV. Physical Review Letters, 2004, 93, 072001.	2.9	531
5	Event generator tunes obtained from underlying event and multiparton scattering measurements. European Physical Journal C, 2016, 76, 155.	1.4	499
6	Observation of long-range, near-side angular correlations in proton-proton collisions at the LHC. Journal of High Energy Physics, 2010, 2010, 1.	1.6	497
7	Evidence for top quark production in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1994, 50, 2966-3026.	1.6	400
8	Study of high- $p_T$ charged particle suppression in PbPb compared to pp collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	369
9	Evidence for top quark production in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1994, 73, 225-231.	2.9	363
10	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 421.	1.4	355
11	Observation of the diphoton decay of the Higgs boson and measurement of its properties. European Physical Journal C, 2014, 74, 3076.	1.4	342
12	Observation of a new boson with mass near 125 GeV in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	320
13	Search for dark matter, extra dimensions, and unparticles in monojet events in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 235.	1.4	320
14	Observation of $B_s \rightarrow B^0$ oscillations. Physical Review Letters, 2006, 97, 242003.	2.9	311
15	$J/\psi$ and $\bar{\psi}\psi(2S)$ Production in $pp\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1997, 79, 572-577.	2.9	305
16	Observation of the $B_c$ Meson in $pp\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 81, 2432-2437.	2.9	285
17	Evidence for a Narrow Near-Threshold Structure in the $J/\psi$ Mass Spectrum in $pp\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2009, 102, 242002.	2.9	275
18	Double parton scattering in $pp\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1997, 56, 3811-3832.	1.6	246

#	ARTICLE	IF	CITATIONS
19	Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and W, Z, and Higgs bosons in pp collisions at 8 TeV. European Physical Journal C, 2014, 74, 3036.	1.4	241
20	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. Physical Review D, 2011, 83, .	1.6	238
21	Production of $J/\psi$ Mesons from $\Upsilon$ Meson Decays in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1997, 79, 578-583.	2.9	234
22	Measurement of the $\Upsilon$ -production cross section in $pp$ collisions at $\sqrt{s}=1.96$ TeV using lepton+jets events with secondary vertex-tagging. Physical Review D, 2005, 71, .	1.6	231
23	Transverse-momentum and pseudorapidity distributions of charged hadrons in pp collisions at $\sqrt{s} = 0.9$ and 2.36 TeV. Journal of High Energy Physics, 2010, 2010, 1.	1.6	230
24	Evidence for a Particle Produced in Association with Weak Bosons and Decaying to a Bottom-Antibottom Quark Pair in Higgs Boson Searches at the Tevatron. Physical Review Letters, 2012, 109, 071804.	2.9	201
25	Suppression of non-prompt $J/\psi$ , prompt $J/\psi$ , and $\Upsilon(1S)$ in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	200
26	Observation of Electroweak Single Top-Quark Production. Physical Review Letters, 2009, 103, 092002.	2.9	199
27	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. European Physical Journal C, 2020, 80, 4.	1.4	198
28	Measurement of $J/\psi$ and $\Upsilon(2S)$ Polarization in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2000, 85, 2886-2891.	2.9	196
29	Analysis of the Quantum Numbers JPC of the X(3872) Particle. Physical Review Letters, 2007, 98, 132002.	2.9	193
30	Polarizations of $J/\psi$ and $\Upsilon(2S)$ in $pp$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2000, 85, 2886-2891.	2.9	192
31	Measurement of the differential cross section for top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 542.	1.4	191
32	Observation of $B_c$ mesons in $pp$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1998, 58, .	1.6	189
33	Measurements of inclusive $W$ and $Z$ cross sections in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 2457-2544.	1.4	188
34	Forward-Backward Asymmetry in Top-Quark Production in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 202001.	2.9	187
35	Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	181
36	First Flavor-Tagged Determination of Bounds on Mixing-Induced $C$ Violation in $B \rightarrow C$ Decays. Physical Review Letters, 2008, 100, 161802.	2.9	179

#	ARTICLE	IF	CITATIONS
37	Search for heavy neutrinos and $W$ bosons with right-handed couplings in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2014, 74, 3149.	1.4	179

38	Search for $B_s^0 \rightarrow \tau^+ \tau^-$ and $B^0 \rightarrow \tau^+ \tau^-$ Decays with $2 \rightarrow 1$ of $pp \rightarrow \tau^+ \tau^-$ Collisions. Physical Review Letters, 2008, 100, 101802.		
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#	ARTICLE	IF	CITATIONS
55	Prompt and non-prompt $J/\psi$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	135
56	Transverse Momentum and Total Cross Section of $e^+e^-$ Pairs in the Z-Boson Region from pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2000, 84, 845-850.	2.9	131
57	A search for a doubly-charged Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	129
58	Search for Flavor-Changing Neutral Current Decays of the Top Quark in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1998, 80, 2525-2530.	2.9	127
59	Measurement of differential top-quark-pair production cross sections in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1.	1.4	125
60	Top quark mass measurement using the template method in the lepton+jets channel at CDF II. Physical Review D, 2006, 73, .	1.6	124
61	Evidence for the 125 GeV Higgs boson decaying to a pair of $\tau$ , leptons. Journal of High Energy Physics, 2014, 2014, 1.	1.6	123
62	Precision luminosity measurement in proton-proton collisions at $\sqrt{s} = 13, 14$ TeV in 2015 and 2016 at CMS. European Physical Journal C, 2021, 81, 800.	1.4	123
63	Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	122
64	Measurement of the Dipion Mass Spectrum in $X(3872) \rightarrow J/\psi \pi^+ \pi^-$ Decays. Physical Review Letters, 2006, 96, 102002.	2.9	121
65	Observation of the Baryonic Flavor-Changing Neutral Current Decay $\Lambda_b^0 \rightarrow \Lambda^0 \pi^+ \pi^-$ . Physical Review Letters, 2011, 107, 201802.	2.9	121
66	CMS tracking performance results from early LHC operation. European Physical Journal C, 2010, 70, 1165-1192.	1.4	120
67	Diffractive Dijets with a Leading Antiproton in p-p Collisions at $\sqrt{s} = 1800$ GeV. Physical Review Letters, 2000, 84, 5043-5048.	2.9	119
68	Searches for long-lived charged particles in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	118
69	Search for a light charged Higgs boson in top quark decays in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	117
70	First Measurement of the Differential Cross Section $d\sigma/dM_{t\bar{t}}$ in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 222003.	2.9	115
71	Measurement of Double Parton Scattering in p-p Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1997, 79, 584-589.	2.9	114
72	Measurement of the inclusive jet cross section using the kt algorithm in pp collisions at $\sqrt{s} = 1.96$ TeV with the CDF II detector. Physical Review D, 2007, 75, .	1.6	114

#	ARTICLE	IF	CITATIONS
73	Production of $(1S)$ Mesons from $b$ Decays in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2000, 84, 2094-2099.	2.9	111
74	First Measurements of Inclusive $W$ Cross Sections from Run II of the Fermilab Tevatron Collider. Physical Review Letters, 2005, 94, 091803.	2.9	111
75	Combination of the top-quark mass measurements from the Tevatron collider. Physical Review D, 2012, 86, .	1.6	109
76	Invariant Mass Distribution of Jet Pairs Produced in Association with a $W$ Boson in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 106, 171801.	2.9	108
77	Measurements of the Angular Distributions in the Decays $B \rightarrow K^* \ell^+ \ell^-$ . Physical Review Letters, 2012, 108, 081807.	2.9	108
78	Precision Measurement of the Prompt Photon Cross Section in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1994, 73, 2662-2666.	2.9	107
79	Observation of the Decay $B_c \rightarrow \ell^+ \ell^- \nu$ . Physical Review Letters, 2008, 100, 182002.	2.9	106
80	Charged particle multiplicities in $pp$ interactions at $\sqrt{s} = 0.9$ , 2.36, and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	106
81	Precise Measurement of the $W$ -Boson Mass with the CDF II Detector. Physical Review Letters, 2012, 108, 151803.	2.9	106
82	Measurement of $\sin^2 2\beta$ from $B \rightarrow \ell^+ \ell^- K_S^0$ with the CDF detector. Physical Review D, 2000, 61, .	1.6	105
83	Observation of the Heavy Baryons $\Lambda_b^0$ and $\Sigma_b^0$ . Physical Review Letters, 2007, 99, 202001.	2.9	105
84	Search for Charged Higgs Bosons from Top Quark Decays in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 042003.	2.9	103
85	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
86	Search for Charged Higgs Bosons in Decays of Top Quarks in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 103, 101803.	2.9	102
87	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
88	Evidence for $D^0$ Mixing Using the CDF II Detector. Physical Review Letters, 2008, 100, 121802.	2.9	100
89	Search for new physics in the multijet and missing transverse momentum final state in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	100
90	Dependence on pseudorapidity and on centrality of charged hadron production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	99

#	ARTICLE	IF	CITATIONS
91	LHC forward physics. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 110201.	1.4	99
92	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
93	Measurement of the underlying event activity at the LHC with $\sqrt{s} = 7$ TeV and comparison with $\sqrt{s} = 0.9$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	97
94	Search for supersymmetry in hadronic final states using $M_{T2}$ in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	95
95	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
96	Precision Measurement of the $\langle X \rangle$ Tj ETQqO O O rgBT /Overlock 10 Tf 50 542 Td (stretchy="false")<math>\langle X \rangle</math> Tj ETQqO O O rgBT /Overlock 10 Tf 50 542 Td (stretchy="false")</math>	2.9	94
97	Measurement of the W boson mass. Physical Review D, 1995, 52, 4784-4827.	1.6	93
98	Search for Charged Higgs Boson Decays of the Top Quark using Hadronic Decays of the Tau Lepton. Physical Review Letters, 1997, 79, 357-362.	2.9	92
99	Search for Doubly Charged Higgs Bosons Decaying to Dileptons in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2004, 93, 221802.	2.9	92
100	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
101	Direct Measurement of the $\langle W \rangle$ Production Charge Asymmetry in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 109, 111801.	2.9	91
102	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
103	Measurements of differential and double-differential Drell-Yan cross sections in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 147.	1.4	88
104	Search for High-Mass Resonances Decaying to Dimuons at CDF. Physical Review Letters, 2009, 102, 091805.	2.9	87
105	Observation and Mass Measurement of the Baryon $\Lambda_b^0$ . Physical Review Letters, 2007, 99, 052002.	2.9	86
106	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
107	Measurement of jet fragmentation into charged particles in pp and PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	85
108	Study of double parton scattering using $W + 2$ -jet events in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	85



#	ARTICLE	IF	CITATIONS
109	Search for massive resonances in dijet systems containing jets tagged as W or Z boson decays in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	85
110	Study of the production of charged pions, kaons, and protons in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 2847.	1.4	85
111	Observation of Diffractive W-Boson Production at the Fermilab Tevatron. Physical Review Letters, 1997, 78, 2698-2703.	2.9	84
112	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
113	Measurement of inclusive jet cross sections in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2012, 2012, 1.	1.6	83
114	Measurement of the single-top-quark t-channel cross section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	83
115	Measurement of the differential cross section and charge asymmetry for inclusive $p \rightarrow p + X$ production at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 469.	1.4	83
116	Measurement of prompt and nonprompt charmonium suppression in $PbPb$ collisions at $5.02$ TeV. European Physical Journal C, 2018, 78, 509.	1.4	83
117	$J/\psi$ production in pp collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1995, 75, 4358-4363.	2.9	82
118	Underlying event in hard interactions at the Fermilab Tevatron p-p collider. Physical Review D, 2004, 70, .	1.6	82
119	Measurement of Bottom-Quark Hadron Masses in Exclusive $J/\psi$ Decays with the CDF Detector. Physical Review Letters, 2006, 96, 202001.	2.9	82
120	Suppression and azimuthal anisotropy of prompt and nonprompt $J/\psi$ production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 252.	1.4	82
121	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
122	Measurement of the Top Quark Mass. Physical Review Letters, 1998, 80, 2767-2772.	2.9	81
123	Search for Large Extra Dimensions in Final States Containing One Photon or Jet and Large Missing Transverse Energy Produced in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2012, 2012, 1.	2.9	81
124	$J/\psi$ and $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	81
125	Search for neutral MSSM Higgs bosons decaying to a pair of tau leptons in pp collisions. Journal of High Energy Physics, 2014, 2014, 1.	1.6	81
126	Search for a charged Higgs boson in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	81



#	ARTICLE	IF	CITATIONS
127	Measurement of the Top Quark Mass and $t\bar{t}$ Production Cross Section from Dilepton Events at the Collider Detector at Fermilab. Physical Review Letters, 1998, 80, 2779-2784.	2.9	80
128	Observation of Orbitally Excited $B_s$ Mesons. Physical Review Letters, 2008, 100, 082001.	2.9	80
129	Measurement of the inclusive jet cross section in $pp$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2001, 64, .	1.6	79
130	Observation of Exclusive Electron-Positron Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 98, 112001.	2.9	79
131	Measurement of the Lepton Charge Asymmetry in $W$ -Boson Decays Produced in $pp$ Collisions. Physical Review Letters, 1998, 81, 5754-5759.	2.9	78
132	Search for physics beyond the standard model in dilepton mass spectra in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	78
133	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
134	Search for Gluinos and Scalar Quarks in $pp$ Collisions at $\sqrt{s}=1.8$ TeV Using the Missing Energy plus Multijets Signature. Physical Review Letters, 2002, 88, 041801.	2.9	77
135	Observation of single top quark production and measurement of $ V_{tb} $ with CDF. Physical Review D, 2010, 82, .	1.6	77
136	Studies of azimuthal dihadron correlations in ultra-central PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	77
137	Measurement of Dijet Angular Distributions by the Collider Detector at Fermilab. Physical Review Letters, 1996, 77, 5336-5341.	2.9	76
138	Study of jet shapes in inclusive jet production in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	76
139	Evidence for the Exclusive Decay $B_c \rightarrow J/\psi \ell^+ \ell^-$ and Measurement of the Mass of the $B_c$ Meson. Physical Review Letters, 2006, 96, 082002.	2.9	76
140	Measurement of the cross section for $W$ -boson production in association with jets in $pp$ collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2013, 111, 112001.	1.6	76
141	Measurement of Diffractive Dijet Production at the Fermilab Tevatron. Physical Review Letters, 1997, 79, 2636-2641.	2.9	75
142	Measurement of the Top Quark Mass with the Collider Detector at Fermilab. Physical Review Letters, 1999, 82, 271-276.	2.9	75
143	Study of exclusive two-photon production of $W+W$ in $pp$ collisions at $\sqrt{s}=7$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2013, 2013, 1.	1.6	75
144	Studies of dijet transverse momentum balance and pseudorapidity distributions in $pPb$ collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2014, 74, 1.	1.4	75

#	ARTICLE	IF	CITATIONS
145	Measurement of the $B^+$ total cross section and $B^+$ differential cross section $d\sigma/dp_T$ in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2002, 65, . Search for New Bottomlike Quark Pair Decays	1.6	74
146	$Q \rightarrow Q' + \hat{A}^-$		

#	ARTICLE	IF	CITATIONS
163	Search for $Z\gamma^*e^+e^-$ Using Dielectron Mass and Angular Distribution. Physical Review Letters, 2006, 96, 211801.	2.9	69
164	Search for New Physics in High-Mass Electron-Positron Events in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 99, 171802.	2.9	69
165	Inclusive Search for Squark and Gluino Production in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 121801.	2.9	69
166	Measurement of the $\overline{\sigma}(\gamma\gamma)$ production cross section in the dilepton channel in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	69
167	Search for massive resonances decaying into pairs of boosted bosons in semi-leptonic final states at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	69
168	Measurement of $b\bar{b}$ production correlations, $B^0\bar{B}^0$ mixing, and a limit on $\mu_B$ in $pp$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 1997, 55, 2546-2558.	1.6	68
169	Search for anomalous production of multilepton events in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	68
170	Search for a standard-model-like Higgs boson with a mass in the range 145 to 1000 GeV at the LHC. European Physical Journal C, 2013, 73, 2469.	1.4	68
171	Measurement of the differential and double-differential Drell-Yan cross sections in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	68
172	Measurement of the inclusive 3-jet production differential cross section in proton-proton collisions at 7 TeV and determination of the strong coupling constant in the TeV range. European Physical Journal C, 2015, 75, 186.	1.4	68
173	Measurement of the $\overline{\sigma}(\gamma\gamma)$ production cross section, the top quark mass, and the strong coupling constant using dilepton events in $pp$ collisions at. European Physical Journal C, 2019, 79, 368.	1.4	68
174	First Observation of the All-Hadronic Decay of $t\bar{t}$ Pairs. Physical Review Letters, 1997, 79, 1992-1997.	2.9	65
175	Long-range and short-range dihadron angular correlations in central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	65
176	Measurement of CP-violating asymmetries in $D^0 \rightarrow \pi^+ \pi^-$ and $D^0 \rightarrow K^+ K^-$ decays at CDF. Physical Review D, 2012, 85, .	1.6	65
177	Measurement of differential cross sections for the production of a pair of isolated photons in $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 3129.	1.4	65
178	Comparison of the isolated direct photon cross sections in $pp$ collisions at $\sqrt{s} = 1.8$ TeV and $\sqrt{s} = 0.63$ TeV. Physical Review D, 2002, 65, .	1.6	64
179	Measurement of particle production and inclusive differential cross sections in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 79, .	1.6	64
180	Measurement of the $W+W^*$ Production Cross Section and Search for Anomalous $WW^3$ and $WWZ$ Couplings in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 2.9 201801.	2.9	64

#	ARTICLE	IF	CITATIONS
181	Measurement of the sum of WW and WZ production with W+dijet events in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . European Physical Journal C, 2013, 73, 2283.	1.4	64
182	Search for new physics in same-sign dilepton events in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$ . European Physical Journal C, 2016, 76, 439.	1.4	64
183	Measurement of W-Photon Couplings in $p\text{-}p$ Collisions at $s=1.8 \text{ TeV}$ . Physical Review Letters, 1995, 74, 1936-1940.	2.9	63
184	Search for Neutral Higgs Bosons of the Minimal Supersymmetric Standard Model Decaying to $\tau\tau$ Pairs in $pp$ Collisions at $s=1.96 \text{ TeV}$ . Physical Review Letters, 2006, 96, 011802.	2.9	63
185	Search for Exclusive Z-Boson Production and Observation of High-Mass $pp \rightarrow p\bar{p} + Z + p\bar{p}$ Events in $pp$ Collisions at $s=1.96 \text{ TeV}$ . Physical Review Letters, 2009, 102, 222002.	2.9	63
186	Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at $\sqrt{s}=13 \text{ TeV}$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	63
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203	Search for Exclusive $\tau^+\tau^+$ Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 99, 242002.	2.9	59
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214	Measurement of the top quark mass with the collider detector at Fermilab. Physical Review D, 2001, 63, .	1.6	57
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268	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
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274	Measurement of the ratio $\sigma(pp \rightarrow W^+ e^+ \nu_e) / \sigma(pp \rightarrow Z^0 e^+ e^-)$ in $pp$ collisions at $\sqrt{s} = 1800$ GeV. <i>Physical Review D</i> , 1995, 52, 2624-2655.	1.6	46
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276	First Measurement of the $W$ -Boson Mass in Run II of the Tevatron. <i>Physical Review Letters</i> , 2007, 99, 151801.	2.9	46
277	Search for new physics with same-sign isolated dilepton events with jets and missing transverse energy at the LHC. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	46
278	Measurements of the Angular Distributions of Muons from $W$ Decays in $pp$ Collisions. <i>Physical Review Letters</i> , 2007, 99, 151801.	2.9	46
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280	Search for narrow resonances and quantum black holes in inclusive and $b$ -tagged dijet mass spectra from $pp$ collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	46
281	Search for disappearing tracks in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	46
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283	Search for Charged Bosons Heavier than the $W$ Boson in $pp$ Collisions at $\sqrt{s} = 1800$ GeV. <i>Physical Review Letters</i> , 1995, 74, 2900-2904.	2.9	45
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287	Measurement of the $t\bar{t}$ spin correlation in $pp$ collisions using $Z$ boson decays. <i>Physical Review Letters</i> , 2007, 99, 151801.	1.6	45
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297	Observation of $b \rightarrow c \ell \bar{\nu}_\ell$ at the Fermilab proton-antiproton collider. Physical Review D, 1997, 55, 1142-1152.	1.6	43
298	Search for Large Extra Dimensions in the Production of Jets and Missing Transverse Energy in pp Collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review Letters, 2006, 97, 171802.	2.9	43
299	Search for Higgs Bosons Predicted in Two-Higgs-Doublet Models via Decays to Tau Lepton Pairs in $1.96 \text{ TeV}$ Collisions. Physical Review Letters, 2009, 103, 201801.	2.9	43
300	Measurement of top quark-antiquark pair production in association with a W or Z boson in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ . European Physical Journal C, 2014, 74, 3060.	1.4	43
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303	Search for natural and split supersymmetry in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$ in final states with jets and missing transverse momentum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	43
304	Measurement of the Production Cross Section in pp Collisions at $\sqrt{s} = 1.8 \text{ TeV}$ . Physical Review Letters, 1998, 80, 2773-2778.	2.9	42
305	Searches for new physics in diphoton events in pp collisions at $\sqrt{s} = 1.8 \text{ TeV}$ . Physical Review D, 1999, 59, .	1.6	42
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308	Search for New High-Mass Particles Decaying to Lepton Pairs in $pp\bar{A}^-$ Collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review Letters, 2005, 95, 252001.	2.9	42
309	Measurement of the Top-Quark Mass with Dilepton Events Selected Using Neuroevolution at CDF. Physical Review Letters, 2009, 102, 152001.	2.9	42
310	Production of $\tau(2S)$ mesons in $pp\bar{A}^-$ collisions at $1.96\text{ TeV}$ . Physical Review D, 2009, 80, .	1.6	42
311	Measurement of the top-quark mass in $\overline{\text{t}}\text{ events}$ with dilepton final states in $pp$ collisions at $\sqrt{s}=7\text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	1.4	42
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314	Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	42
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317	Measurement of the top quark mass using template methods on dilepton events in $pp\bar{A}^-$ collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review D, 2006, 73, .	1.6	41
318	Inclusive Search for New Physics with Like-Sign Dilepton Events in $pp\bar{A}^-$ Collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review Letters, 2007, 98, 221803.	2.9	41
319	Search for resonant $t\bar{t}$ production in $pp\bar{A}^-$ collisions at $\sqrt{s}=1.96\text{ TeV}$ . Physical Review Letters, 2007, 98, 221803.	2.9	41
320	Search for electroweak production of charginos and neutralinos using leptonic final states in $pp$ collisions at $\sqrt{s}=7\text{ TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	1.6	41
321	Measurement of the $t\bar{t}\bar{A}^-$ production cross section in the $e\bar{\nu}_\tau$ channel in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ and $8\text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	41
322	Measurement of the $\overline{\text{t}}\text{ production}$ cross section in the all-jets final state in $pp$ collisions at $\sqrt{s}=8\text{ TeV}$ . European Physical Journal C, 2016, 76, 128.	1.4	41
323	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 $\sqrt{s}=13\text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	41
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326	Model-independent and quasi-model-independent search for new physics at CDF. Physical Review D, 2008, 78, .	1.6	40
327	Measurement of Resonance Parameters of Orbitally Excited Narrow $B^*$ Mesons. Physical Review Letters, 2009, 102, 102003.	2.9	40
328	Search for the Decays $B(s) \rightarrow e^+ \mu^-$ and $B(s) \rightarrow e^+ e^-$ in CDF Run II. Physical Review Letters, 2009, 102, 201801.	2.9	40
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330	Measurement of the $\overline{t}t$ production cross section using events in the $e\mu$ final state in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 172.	1.4	40
331	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
332	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
333	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
334	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 378.	1.4	40
335	Double Diffraction Dissociation at the Fermilab Tevatron Collider. Physical Review Letters, 2001, 87, 141802.	2.9	39
336	Measurement of the cross section for $t\bar{t}$ production in pp collisions using the kinematics of lepton+jets events. Physical Review D, 2005, 72, .	1.6	39
337	Direct Search for Dirac Magnetic Monopoles in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 201801.	2.9	39
338	Measurement of Lifetime and Decay-Width Difference in $B_s^0 \rightarrow \mu^+ \mu^-$ Decays. Physical Review Letters, 2008, 100, 121803.	2.9	39
339	Search for resonances in the dilepton mass distribution in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	39
340	Precision Top-Quark Mass Measurement at CDF. Physical Review Letters, 2012, 109, 152003.	2.9	39
341	Inclusive b-jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	39
342	Measurement of the $Z \rightarrow b\bar{b}$ cross section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	39



#	ARTICLE	IF	CITATIONS
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344	Measurement of the ZZ production cross section and search for anomalous couplings in $2\hat{a}, "2\hat{a}, " \hat{a}^2$ final states in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	39
345	Measurement of the production cross sections for a Z boson and one or more b jets in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
346	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
347	Search for Gluino and Squark Cascade Decays at the Fermilab Tevatron Collider. Physical Review Letters, 1996, 76, 2006-2010.	2.9	38
348	Search for New Particles Decaying $t\bar{t} \rightarrow \text{inpp} \hat{A}^{-} \text{Collisions at } \hat{s}=1.8\text{TeV}$ . Physical Review Letters, 2000, 85, 2062-2067.	2.9	38
349	Momentum distribution of charged particles in jets in dijet events in $\text{pp} \hat{A}^{-}$ collisions at $\sqrt{s}=1.8\text{TeV}$ and comparisons to perturbative QCD predictions. Physical Review D, 2003, 68, .	1.6	38
350	Measurement of Partial Widths and Search for Direct CP Violation in $D$ Meson Decays to $K^+ K^-$ and $\pi^+ \pi^-$ . Physical Review Letters, 2005, 94, 122001.	2.9	38
351	Inclusive Search for Standard Model Higgs Boson Production in the $WW$ Decay Channel Using the CDF II Detector. Physical Review Letters, 2010, 104, 061803.	2.9	38
352	Search for heavy stable charged particles in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	38
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354	Measurement of the top-quark mass in $t\bar{t}$ events with lepton+jets final states in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	38
355	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 845.	1.4	38
356	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 636.	1.4	38
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358	Measurement of the CP-Violation Parameters $\sin(2\hat{\beta})$ in $B_d^0/B_d^{\pm} \rightarrow J/\psi K_S^0$ Decays. Physical Review Letters, 1998, 81, 5513-5518.	2.9	37
359	Search for the charged Higgs boson in the decays of top quark pairs in the $\tilde{l},$ and $\tilde{l}^* \tilde{l}$ channels at $\sqrt{s}=1.8\text{TeV}$ . Physical Review D, 2000, 62, .	1.6	37
360	Search for electroweak single-top-quark production in $\text{pp} \hat{A}^{-}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	37





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380	Measurement of exclusive $\Upsilon$ photoproduction from protons in $p$ - $Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2019, 79, 277.	1.4	35
381	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2021, 81, 488.	1.4	35
382	Events with a Rapidity Gap between Jets in $p$ - $p$ Collisions at $\sqrt{s}=630$ GeV. <i>Physical Review Letters</i> , 1998, 81, 5278-5283.	2.9	34
383	First Measurement of the Ratio $B(\tau^+ \rightarrow Wb)/B(\tau^+ \rightarrow Wq)$ and Associated Limit on the Cabibbo-Kobayashi-Maskawa Element $ V_{tb} $ . <i>Physical Review Letters</i> , 2001, 86, 3233-3238.	2.9	34
384	Measurement of the Cross Section for Prompt Diphoton Production in $p$ - $p$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2005, 95, 022003.	2.9	34
385	Measurement of the $t\bar{t}$ production cross section in $p$ - $p$ collisions at $\sqrt{s}=1.96$ TeV using lepton plus jets events with semileptonic $b$ decays to muons. <i>Physical Review D</i> , 2005, 72, .	1.6	34
386	Search for High Mass Resonances Decaying to Muon Pairs in $p$ - $p$ Collisions. <i>Physical Review Letters</i> , 2011, 106, 121801.	2.9	34
387	Observation of Z decays to four leptons with the CMS detector at the LHC. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	34
388	Measurement of the $C$ - $P$ -violating phase $\arg(V_{cb}V_{cs}^*)$ in $B \rightarrow D^* \mu^+ \mu^-$ decays. <i>Physical Review D</i> , 2012, 85, .	1.6	34
389	Search for microscopic black holes in $pp$ collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	34
390	Search for supersymmetry in final states with missing transverse energy and 0, 1, 2, or 3 $b$ -quark jets in 7 TeV $pp$ collisions using the variable $\hat{t}$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	34
391	Searches for supersymmetry using the $M_{T2}$ variable in hadronic events produced in $pp$ collisions at 8 TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	34
392	Measurement of $t\bar{t}$ production with additional jet activity, including $b$ quark jets, in the dilepton decay channel using $pp$ collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2016, 76, 379.	1.4	34
393	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. <i>European Physical Journal C</i> , 2017, 77, 15.	1.4	34
394	Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state of two muons and two $\tau$ , leptons in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	34
395	Measurement of the top quark mass with lepton+jets final states using $p$ - $p$ collisions at $\sqrt{s}=13$ TeV. <i>European Physical Journal C</i> , 2018, 78, 891.	1.4	34
396	Search for a heavy right-handed W boson and a heavy neutrino in events with two same-flavor leptons and two jets at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	34

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398	Evidence for $B_s \rightarrow \tau^+ \tau^-$ Decay and Measurements of Branching Ratio and $ACP$ for $B \rightarrow \tau^+ \tau^- K$ . Physical Review Letters, 2005, 95, 031801.	2.9	33
399	Search for a Standard Model Higgs Boson in $W \rightarrow H \rightarrow b \bar{b}$ Collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 1.	2.9	33
400	Measurement of the underlying event in the Drell-Yan process in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	33
401	Search for new physics in events with same-sign dileptons and $b$ jets in $pp$ collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	33
402	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
403	Search for heavy neutrinos and third-generation leptoquarks in hadronic states of two $\tau$ , leptons and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	33
404	Measurement of exclusive $\rho^0$ photoproduction in ultraperipheral $pPb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 702.	1.4	33
405	Search for dark matter produced in association with a leptonically decaying $Z$ boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 13.	1.4	33
406	Search for top squark pair production using dilepton final states in $pp$ collision data collected at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 3.	1.4	33
407	Measurement of normalised multi-differential cross sections in $pp$ collisions at $\sqrt{s} = 13$ TeV, and simultaneous determination of the strong coupling strength, top quark pole mass, and parton distribution functions. European Physical Journal C, 2020, 80, 1.	1.4	33
408	Measurement of $W^3$ and $Z^3$ Production in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 94, 041803.	2.9	32
409	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
410	Measurement of $\overline{B} \rightarrow B$ angular correlations based on secondary vertex reconstruction at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	32
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413	Measurement of Polarization and Search for CP Violation in $B_s \rightarrow \tau^+ \tau^-$ Decays. Physical Review Letters, 2011, 107, 261802.	2.9	32
414	Search in leptonic channels for heavy resonances decaying to long-lived neutral particles. Journal of High Energy Physics, 2013, 2013, 1.	1.6	32

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417	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
418	Search for Chargino-Neutralino Associated Production at the Fermilab Tevatron Collider. Physical Review Letters, 1998, 80, 5275-5280.	2.9	31
419	Measurement of the moments of the hadronic invariant mass distribution in semileptonic B decays. Physical Review D, 2005, 71, .	1.6	31
420	Search for High-Mass Resonances Decaying to $W$ in $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 211802.	2.9	31
421	Precision Top-Quark Mass Measurement in the Lepton+Jets Topology in $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 022004.	2.9	31
422	Search for Heavy Toplike Quarks Using Lepton Plus Jets Events in $1.96$ TeV $pp$ Collisions. Physical Review Letters, 2008, 100, 161803.	2.9	31
423	Hadron Lifetimes in Exclusive Decays Containing $B$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> $B$	2.9	31
424	Measurement of the cross section for prompt isolated diphoton production in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 84, .	1.6	31
425	Shape, transverse size, and charged-hadron multiplicity of jets in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	31
426	Measurement of the triple-differential cross section for photon + jets production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	31
427	Measurement of electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 66.	1.4	31
428	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
429	Search for top squark pair production in $pp$ collisions at $\sqrt{s} = 13$ TeV using single lepton events. Journal of High Energy Physics, 2017, 2017, 1.	1.6	31
430	Search for disappearing tracks as a signature of new long-lived particles in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	31
431	A multi-dimensional search for new heavy resonances decaying to boosted $W$ , $Z$ , or $Z$ boson pairs in the dijet final state at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 237.	1.4	31
432	Search for new gauge bosons decaying into dielectrons in $pp$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 1995, 51, R949-R953.	1.6	30

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434	Measurement of the $b$ Lifetime Using $\hat{c} + \hat{a}, \hat{a} \hat{1}/2 \hat{A}$ . <i>Physical Review Letters</i> , 1996, 77, 1439-1443.	2.9	30
435	Search for $R$ -Parity Violating Supersymmetry Using Like-Sign Dielectrons in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1999, 83, 2133-2138.	2.9	30
436	Measurement of the Decay Amplitudes of $B^0 \rightarrow J/\psi K^0$ and $B_s^0 \rightarrow J/\psi \tau$ Decays. <i>Physical Review Letters</i> , 2000, 85, 4668-4673.	2.9	30
437	Search for Excited and Exotic Electrons in the $e^+e^-$ Decay Channel in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2005, 94, 101802.	2.9	30
438	Search for new particles leading to $Z$ jets final states in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008, 100, 201801.	1.6	30
439	Search for new particles leading to $Z$ jets final states in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008, 100, 201801.	1.6	30
440	Strong Evidence for $ZZ$ Production in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008, 100, 201801.	2.9	30
441	Search for Pair Production of Supersymmetric Top Quarks in Dilepton Events from $pp$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2010, 104, 251801.	2.9	30
442	Measurement of $W$ -Boson Polarization in Top-Quark Decay in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2010, 105, 042002.	2.9	30
443	Measurement of Bose-Einstein correlations in $pp$ collisions at $\sqrt{s} = 0.9$ and 7 TeV. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	30
444	Observation of Exclusive $e^+e^-$ Production in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012, 108, 081801.	2.9	30
445	Search for new physics in events with same-sign dileptons and $b$ -tagged jets in $pp$ collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	30
446	Search for a Higgs boson in the decay channel $H \rightarrow ZZ^* \rightarrow q\bar{q}$ in $pp$ collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	30
447	Measurement of the $W$ -boson helicity in top-quark decays from $Z$ production in lepton+jets events in $pp$ collisions at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	30
448	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
449	Search for massive $WH$ 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
450	Measurements of the associated production of a $Z$ boson and $b$ jets in $pp$ collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2017, 77, 751.	1.4	30

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452	Measurement of $b$ -Quark Fragmentation Fractions in $p\bar{p}$ -Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 2000, 84, 1663-1668.	2.9	29
453	Measurement of the $t\bar{t}$ -production cross section in $p\bar{p}$ -collisions at $\sqrt{s}=1.96\text{TeV}$ using kinematic fitting of $b$ -tagged lepton+jet events. Physical Review D, 2005, 71, .	1.6	29
454	Measurement of the Top-Quark Mass in All-Hadronic Decays in $p\bar{p}$ -Collisions at CDF II. Physical Review Letters, 2007, 98, 142001.	2.9	29
455	Precision measurement of the top-quark mass from dilepton events at CDF II. Physical Review D, 2007, 75, .	1.6	29
456	Measurement of cross sections for $b$ -jet production in events with a $Z$ boson in $p\bar{p}$ -collisions at $\sqrt{s}=1.96\text{TeV}$ . Physical Review D, 2009, 79, .	1.6	29
457	Measurement of the top pair production cross section in the dilepton decay channel in $p\bar{p}$ -collisions at $\sqrt{s}=1.96\text{TeV}$ . Physical Review D, 2010, 82, .	1.6	29
458	Search for supersymmetry in events with $b$ jets and missing transverse momentum at the LHC. Journal of High Energy Physics, 2011, 2011, 1.	1.6	29
459	Measurement of inclusive jet production and nuclear modifications in $p\text{Pb}$ collisions at $\sqrt{s_{NN}}=5.02\text{TeV}$ . European Physical Journal C, 2016, 76, 372.	1.4	29
460	Correlations between jets and charged particles in $\text{PbPb}$ and $pp$ collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
461	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 $\alpha_T$ variable. European Physical Journal C, 2017, 77, 294.	1.4	29
462	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
463	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
464	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
465	Production of $t\bar{t}$ in $p\bar{p}$ -Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 2001, 86, 3963-3968.	2.9	28
466	Search for a Fermiophobic Higgs Boson Decaying into Diphotons in $p\bar{p}$ -Collisions at $\sqrt{s}=1.96\text{TeV}$ . Physical Review Letters, 2009, 103, 061803.	2.9	28
467	Observation of the $\chi_{c1}$ and $\chi_{c2}$ in $p\bar{p}$ -Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 2011, 107, 102001.	2.9	28
468	Combined Search for the Standard Model Higgs Boson Decaying to a $b\bar{b}$ Pair Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111802.	2.9	28



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471	Measurements of $\overline{\sigma}(\mathit{pp} \rightarrow \ell\ell)$ 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
472	Search for $\overline{\sigma}(\mathit{pp} \rightarrow \mathit{H}o\mathit{bb})$ production in the $\mathit{H}o\mathit{bb}$ decay channel with leptonic $\overline{\sigma}(\mathit{pp} \rightarrow \mathit{H}o\mathit{bb})$ decays in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	28
473	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
474	Measurement of $d\sigma/dM$ and Forward-Backward Charge Asymmetry for High-Mass Drell-Yane $e^+e^-$ Pairs from $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2001, 87, 131802.	2.9	27
475	Measurements of bottom-antibottom azimuthal production correlations in proton-antiproton collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2005, 71, .	1.6	27
476	Searches for direct pair production of supersymmetric top and supersymmetric bottom quarks in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 76, .	1.6	27
477	Measurement of the $b$ lifetime in $b \rightarrow c + \bar{c} + \bar{\nu}_c$ Decays in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 102002.	2.9	27
478	Search for $W$ and $WZ$ Resonances Decaying to Electron, Missing ET, and Two Jets in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 241801.	2.9	27
479	Search for the Standard Model Higgs Boson Decaying to $ab$ 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
480	Study of Z production in PbPb and pp collisions at $\sqrt{s_{NN}}=2.76$ TeV in the dimuon and dielectron decay channels. Journal of High Energy Physics, 2015, 2015, 1.	1.6	27
481	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
482	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
483	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
484	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
485	Search for new neutral Higgs bosons through the $\mathit{H}o\mathit{ZZ}o\mathit{bb}$ process in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	27
486	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	27

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527	Top quark mass measurement using the template method at CDF. Physical Review D, 2011, 83, .	1.6	24
528	Search for a new heavy gauge boson $W'$ with event signature $e^+e^- \to e^+e^- \gamma$ in Final States with Large Jet Multiplicities and Missing Transverse Energy in $\sqrt{s}=1.96$ TeV collisions. Physical Review D, 2011, 83, .	1.6	24
529	Search for a new heavy gauge boson $W'$ with event signature $e^+e^- \to e^+e^- \gamma$ in Final States with Large Jet Multiplicities and Missing Transverse Energy in $\sqrt{s}=1.96$ TeV collisions. Physical Review D, 2011, 83, .	2.9	24
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587	Measurement of $Z \rightarrow B^* \gamma$ Production in Leptonic Final States at $\sqrt{s}=1.96$ TeV at CDF. Physical Review Letters, 2012, 108, 101801.	2.9	21
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618	Search for a Neutral Higgs Boson Decaying to a $W$ Boson Pair in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 081802.	2.9	19
619	Search for High-Mass Diphoton States and Limits on Randall-Sundrum Gravitons at CDF. Physical Review Letters, 2007, 99, 171801.	2.9	19
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633	Measurement of the differential cross section for the production of $W$ bosons in association with a photon in $pp \rightarrow \gamma W$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 99, 111801.	1.6	18
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638	Measurement of normalized differential $t\bar{t}$ 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
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650	Measurement of mass and width of the excited charmed meson states $D_{10}$ and $D_{2^*0}$ at CDF. Physical Review D, 2006, 73, .	1.6	17
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652	Cross-Section-Constrained Top-Quark Mass Measurement from Dilepton Events at the Tevatron. Physical Review Letters, 2008, 100, 062005.	2.9	17
653	Measurement of W-boson helicity fractions in top-quark decays using $\cos\theta_{13}$ . Search for resonant production of $\chi_{c0}$ bosons in Events with Missing Transverse Energy and Quark Jets Produced in pp Collisions at the Tevatron. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 674, 160-167.	1.5	17
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655	Search for stopped long-lived particles produced in pp collisions at $\sqrt{s} = \sqrt{7\text{TeV}}$ . Journal of High Energy Physics, 2012, 2012, 1.	1.6	17
656	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
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658	Measurement of the $\Lambda_{\text{charm}}$ meson lifetime in the decay $B_c \rightarrow \Lambda_{\text{charm}} \mu^+ \mu^-$ . Journal of High Energy Physics, 2014, 2014, 1.	1.6	17
659	Search for standard model production of four top quarks in the lepton + jets channel in pp collisions at $\sqrt{s}=8\text{TeV}$ . Journal of High Energy Physics, 2014, 2014, 1.	1.6	17
660	Probing color coherence effects in pp collisions at $\sqrt{s}=7\text{TeV}$ . European Physical Journal C, 2014, 74, 2901.	1.4	17
661	Measurement of the ratio of the production cross sections times branching fractions of $B_c \rightarrow \Lambda_{\text{charm}} \mu^+ \mu^-$ and $B_c \rightarrow \Lambda_{\text{charm}} \mu^+ \mu^- \gamma$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
662	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
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665	Measurement of electroweak-induced production of $W^3$ with two jets in pp collisions at $\sqrt{s}=8\text{TeV}$ and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2017, 2017, 1.	1.6	17
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686	Measurement of the hadronic activity in events with a Z and two jets and extraction of the cross section for the electroweak production of a Z with two jets in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	16
687	Measurement of jet multiplicity distributions in $\overline{\text{t}}\text{t}$ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2014, 74, 3014.	1.4	16
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695	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
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701	Search for heavy, long-lived neutralinos that decay to photons at CDF II using photon timing. Physical Review D, 2008, 78, .	1.6	15
702	Search for Pair Production of Scalar Top Quarks Decaying to a $\mu b$ and a $b\bar{b}$ Quark in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 131804.	2.9	15

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704	Top quark mass measurement in the lepton plus jets channel using a modified matrix element method. Physical Review D, 2009, 79, .	1.6	15
705	Exclusion of an Exotic Top Quark with $\frac{2}{3}$ Electric Charge Using Soft Lepton Tagging. Physical Review Letters, 2010, 105, 101801.	2.9	15
706	Search for single top quark production in $pp \rightarrow t\bar{t}$ collisions at $\sqrt{s} = 1.96$ TeV in the missing transverse energy plus jets topology. Physical Review D, 2010, 81, .	1.6	15
707	Search for heavy metastable particles decaying to jet pairs in $pp \rightarrow t\bar{t}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	1.6	15
708	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
709	Search for a fermiophobic Higgs boson in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	15
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713	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
714	Search for top quark decays via Higgs-boson-mediated flavor-changing neutral currents in $pp$ collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
715	Measurement of the $t\bar{t} \rightarrow t\bar{t} + \gamma$ production cross section using events with one lepton and at least one jet in $pp$ collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
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723	Measurement of the average time-integrated mixing probability of b-flavored hadrons produced at the Fermilab Tevatron. Physical Review D, 2004, 69, .	1.6	14
724	Measurement of the $\tilde{t}$ -production cross section in pp collisions at $\sqrt{s} = 1.96$ TeV in the all hadronic decay mode. Physical Review D, 2006, 74, .	1.6	14
725	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow D_s \gamma) / B(B_s \rightarrow D_s \gamma)$ and $B(B_s \rightarrow D_s \gamma) / B(B_s \rightarrow D_s \gamma)$ . Physical Review Letters, 2007, 98, 061802.	2.9	14
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728	Search for anomalous production of events with two photons and additional energetic objects at CDF. Physical Review D, 2010, 82, .	1.6	14
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730	Search for a Heavy Particle Decaying to a Top Quark and a Light Quark in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 211805.	2.9	14
731	Search for third-generation leptoquarks and scalar bottom quarks in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	14
732	Search for a Higgs boson in the diphoton final state using the full CDF data set from pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 211805.	1.5	14
733	Measurement of the production cross section for $Z \rightarrow \gamma \gamma$ in pp collisions at $\sqrt{s} = 7$ TeV and limits on $ZZ\gamma^3$ and $Z\gamma^3$ triple gauge boson couplings. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
734	Search for s channel single top quark production in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
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737	Measurements of differential production cross sections for a Z boson in association with jets in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
738	Search for electroweak production of a vector-like quark decaying to a top quark and a Higgs boson using boosted topologies in fully hadronic final states. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14



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763	Measurement of CP-violation asymmetries in $D^0 \rightarrow K_S^0 \pi^+ \pi^-$ . Physical Review D, 2012, 86, .	1.6	13
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765	Search for high-mass resonances decaying into ZZ in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, .	1.6	13
766	Search for heavy quarks decaying into a top quark and a W or Z boson using lepton + jets events in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	13
767	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
768	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
769	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
770	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
771	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
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773	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
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777	Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	13
778	Measurement of the mass difference $m(D_s^+) - m(D_s^0)$ at CDF II. Physical Review D, 2003, 68, .	1.6	12
779	Measurement of the polar-angle distribution of leptons from W boson decay as a function of the W transverse momentum in pp collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2004, 70, .	1.6	12
780	Inclusive Double-Pomeron Exchange at the Fermilab Tevatron p-p Collider. Physical Review Letters, 2004, 93, 141601.	2.9	12
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782	Search for chargino-neutralino production 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
783	Measurement of the fraction of $t\bar{t}$ production via gluon-gluon fusion 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
784	Search for standard model Higgs boson decay into a $b\bar{b}$ pair in Events with Measurements of the Top-Quark Mass and the $t\bar{t}$ Cross Section in the Hadronic $t\bar{t}$ Decay Channel at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	12
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786	Phenomenological MSSM interpretation of CMS searches in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	2.9	12
787	Measurement of the groomed jet mass in PbPb and pp collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
788	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
791	Search for dark matter produced in association with a Higgs boson decaying to $\tilde{\chi}_1^0 \tilde{\chi}_1^0$ or $\tilde{\chi}_1^0, \tilde{\chi}_1^\pm, \tilde{\chi}_2^0$ at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
792	Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	12

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793	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
794	Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 893.	1.4	12
795	Development and validation of HERWIG <sup>2</sup> tunes from CMS underlying-event measurements. European Physical Journal C, 2021, 81, 312.	1.4	12
796	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	12
797	Measurement of the azimuthal angle distribution of leptons from W boson decays as a function of the W transverse momentum in pp collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2006, 73, .	1.6	11
798	Search for Scalar Bottom Quarks from Gluino Decays in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 171802.	2.9	11
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800	Search for new physics in lepton+photon+X events with $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	1.6	11
801	Measurement of the $b$ -jet shapes in inclusive jet production in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 191806.	1.6	11
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803	Search for new physics with long-lived particles decaying to photons and missing energy in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	11
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806	Measurement of the $Z\tau\tau$ production cross section in pp collisions at 8 TeV and search for anomalous triple gauge boson couplings. Journal of High Energy Physics, 2015, 2015, 1.	1.6	11
807	Search for electroweak production of charginos in final states with two $\tau$ leptons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
808	Measurement of the semileptonic $t\bar{t} \rightarrow \tau\tau + \tau\tau$ production cross section in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
809	Measurement of the transverse momentum spectrum of the Higgs boson produced in pp collisions at $\sqrt{s}=8$ TeV using $H \rightarrow WW$ decays. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
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812	Search for supersymmetry in events with a photon, jets, $\mathcal{M}_{\text{jets}}$ , and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 444.	1.4	11
813	Search for nonresonant Higgs boson pair production in the $\mathcal{M}_{\text{Higgs}}$ final state at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
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815	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
816	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
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818	Search for Lepton Flavor Violating Decays of a Heavy Neutral Particle in $pp$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2003, 91, 171602.	2.9	10
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820	Search for standard model Higgs boson production in association with a $Z$ boson at CDF. Physical Review D, 2008, 78, .	1.6	10
821	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
822	Search for the Higgs boson produced in association with a $Z$ boson in $pp$ collisions at $\sqrt{s}=1.96$ TeV using the matrix element method at CDF II. Physical Review D, 2009, 80, .	1.6	10
823	Measurement of the top quark mass in $pp$ collisions at $\sqrt{s}=1.96$ TeV using the matrix element method in the all hadronic channel using a matrix element technique in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.6	10
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825	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
826	Search for New Physics with a Dijet Plus Missing ET Signature in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 131801.	2.9	10
827	Search for supersymmetry in events with a lepton, a photon, and large missing transverse energy in $pp$ collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	10
828	Measurement of the top quark mass in the $pp$ collisions at $\sqrt{s}=1.96$ TeV using the matrix element method in the all hadronic channel using a matrix element technique in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.5	10



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829	Measurement of the top pair production cross section in the $\ell\ell$ channel using a jet flavor discriminant. Physical Review D, 2011, 84, .	1.6	10
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843	Data filtering in the readout of the CMS Electromagnetic Calorimeter. Journal of Instrumentation, 2008, 3, P02011-P02011.	0.5	9
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845	Search for standard model Higgs boson production in association with a $W$ boson using a matrix element technique at CDF in pp collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . Physical Review D, 2012, 85, .	1.6	9
846	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 $13 \text{ TeV}$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	9

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848	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
849	Search for a low-mass $\tilde{\chi}_0^0$ 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
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934	Search for anomalous production of events with a photon, jet, b-quark jet, and missing transverse energy. Physical Review D, 2009, 80, .	1.6	4
935	Search for the Higgs boson in the all-hadronic final state using the CDF II detector. Physical Review D, 2011, 84, .	1.6	4
936	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



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940	Measurement of differential cross sections in the kinematic angular variable $\cos^2\theta^*$ for inclusive Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
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951	Search for anomalous semileptonic decay of heavy flavor hadrons produced in association with a W boson at CDF II. Physical Review D, 2006, 73, .	1.6	3
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959		1.6	3
960		1.6	3
961		0.5	3
962			3
963		1.6	3
964			3
965		0.7	2
966		0.7	2
967		2.9	2
968		1.6	2
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