

Massimo Casarsa

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

796
papers

24,773
citations

71
h-index

113
g-index

842
ext. papers

27,519
ext. citations

5.4
avg, IF

2.84
L-index

#	Paper	IF	Citations
796	Measurement of the J/ψ meson and b-hadron production cross sections in pp collisions at $\sqrt{s}=1.96$ GeV. <i>Physical Review D</i> , 2005 , 71,	4.9	596
795	Observation of the narrow state $X(3872) \rightarrow J/\psi \pi^+ \pi^-$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2004 , 93, 072001	7.4	469
794	Precise determination of the mass of the Higgs boson and tests of compatibility of its couplings with the standard model predictions using proton collisions at 7 and 8 TeV. <i>European Physical Journal C</i> , 2015 , 75, 212	4.2	399
793	Observation of $B_s(0)$ - $B_s(0)$ oscillations. <i>Physical Review Letters</i> , 2006 , 97, 242003	7.4	274
792	Observation of a new boson with mass near 125 GeV in pp collisions at $\sqrt{s}=7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	261
791	Search for dark matter, extra dimensions, and unparticles in monojet events in proton-proton collisions at $\sqrt{s}=7$ and 8 TeV. <i>European Physical Journal C</i> , 2015 , 75, 235	4.2	250
790	Event generator tunes obtained from underlying event and multiparton scattering measurements. <i>European Physical Journal C</i> , 2016 , 76, 155	4.2	250
789	Observation of the diphoton decay of the Higgs boson and measurement of its properties. <i>European Physical Journal C</i> , 2014 , 74, 3076	4.2	239
788	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. <i>Physical Review D</i> , 2011 , 83,	4.9	219
787	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV using lepton + jets events with secondary vertex b-tagging. <i>Physical Review D</i> , 2005 , 71,	4.9	217
786	Evidence for a narrow near-threshold structure in the $J/\psi \rightarrow \psi' \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2009 , 102, 242002	7.4	211
785	The tracking detector of the KLOE experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 488, 51-73	1.2	210
784	The KLOE electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 482, 364-386	1.2	209
783	Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and W, Z, and Higgs bosons in pp collisions at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , 2014 , 74, 3036	4.2	183
782	Forward-backward asymmetry in top-quark production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 202001	7.4	177
781	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	7.4	175
780	Observation of electroweak single top-quark production. <i>Physical Review Letters</i> , 2009 , 103, 092002	7.4	174

779	Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007 , 34, 2457-2544	2.9	174
778	Polarizations of J/ψ and $\psi(2S)$ mesons produced in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 99, 132001	7.4	165
777	Search for $B_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ decays with 2 fb ⁻¹ of pp collisions. <i>Physical Review Letters</i> , 2008 , 100, 101802	7.4	164
776	Search for top-squark pair production in the single-lepton final state in pp collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	162
775	First flavor-tagged determination of bounds on mixing-induced CP violation in $B_s^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review Letters</i> , 2008 , 100, 161802	7.4	161
774	Search for new particles decaying into dijets in proton-antiproton collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , 2009 , 79,	4.9	159
773	Analysis of the quantum numbers J^{PC} of the $X(3872)$ particle. <i>Physical Review Letters</i> , 2007 , 98, 132002	7.4	159
772	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s} = 1.96$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 421	4.2	153
771	Search for heavy neutrinos and Z' bosons with right-handed couplings in proton-proton collisions at $\sqrt{s} = 1.96$ TeV. <i>European Physical Journal C</i> , 2014 , 74, 3149	4.2	149
770	Measurement of Higgs boson production and properties in the WW decay channel with leptonic final states. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	144
769	Study of the decay $B \rightarrow D^* \mu^+ \mu^-$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 537, 21-27	4.2	136
768	Measurement of the B_s^0 - B_s^0 oscillation frequency. <i>Physical Review Letters</i> , 2006 , 97, 062003	7.4	133
767	Search for invisible decays of Higgs bosons in the vector boson fusion and associated ZH production modes. <i>European Physical Journal C</i> , 2014 , 74, 2980	4.2	131
766	Observation of exclusive charmonium production and $\gamma\gamma \rightarrow \mu^+ \mu^-$ in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 242001	7.4	126
765	Measurement of prompt charm meson production cross sections in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2003 , 91, 241804	7.4	125
764	Measurement of the inclusive jet cross section at the Fermilab Tevatron pp collider using a cone-based jet algorithm. <i>Physical Review D</i> , 2008 , 78,	4.9	119
763	First measurement of the $t\bar{t}$ differential cross section $d\sigma/dM_{t\bar{t}}$ in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 222003	7.4	113
762	Top quark mass measurement using the template method in the lepton+jets channel at CDF II. <i>Physical Review D</i> , 2006 , 73,	4.9	112

761	Invariant mass distribution of jet pairs produced in association with a W boson in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 171801	7.4	105
760	Combination of Tevatron searches for the standard model Higgs boson in the $W+W^-$ decay mode. <i>Physical Review Letters</i> , 2010 , 104, 061802	7.4	104
759	Combination of the top-quark mass measurements from the Tevatron collider. <i>Physical Review D</i> , 2012 , 86,	4.9	104
758	Measurement of the dipion mass spectrum in decays. <i>Physical Review Letters</i> , 2006 , 96, 102002	7.4	104
757	Measurement of differential top-quark-pair production cross sections in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	102
756	Evidence for the 125 GeV Higgs boson decaying to a pair of τ leptons. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	101
755	Search for charged Higgs bosons from top quark decays in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 042003	7.4	101
754	Measurement of the differential cross section for top quark pair production in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 542	4.2	98
753	First measurements of inclusive W and Z cross sections from run II of the fermilab tevatron collider. <i>Physical Review Letters</i> , 2005 , 94, 091803	7.4	97
752	Searches for long-lived charged particles in pp collisions at $(\sqrt{s}) = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	96
751	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. <i>Physical Review D</i> , 2013 , 87,	4.9	96
750	Study of the decay $B \rightarrow D D^*$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 536, 209-216	4.2	96
749	Observation of the baryonic flavor-changing neutral current decay $B(0) \rightarrow \Lambda \Lambda$ <i>Physical Review Letters</i> , 2011 , 107, 201802	7.4	95
748	Observation of the Heavy Baryons Σ_b and Σ_b^* . <i>Physical Review Letters</i> , 2007 , 99, 202001	7.4	93
747	Evidence for D^0 - $D^0(0)$ mixing using the CDF II detector. <i>Physical Review Letters</i> , 2008 , 100, 121802	7.4	91
746	Observation of the decay $B_c^{+/-} \rightarrow J/\psi \pi^{+/-}$ and measurement of the $B_c^{+/-}$ mass. <i>Physical Review Letters</i> , 2008 , 100, 182002	7.4	90
745	Measurements of the angular distributions in the decays $B \rightarrow K^{(*)} \rho^{+}$ at CDF. <i>Physical Review Letters</i> , 2012 , 108, 081807	7.4	89
744	Measurement of the inclusive jet cross section using the kT algorithm in pp collisions at $s=1.96$ TeV with the CDF II detector. <i>Physical Review D</i> , 2007 , 75,	4.9	89

743	Search for doubly charged Higgs bosons decaying to dileptons in pp collisions at square root of $s=1.96$ TeV. <i>Physical Review Letters</i> , 2004 , 93, 221802	7.4	88
742	Search for charged Higgs bosons in decays of top quarks in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 103, 101803	7.4	87
741	Search for high-mass resonances decaying to dimuons at CDF. <i>Physical Review Letters</i> , 2009 , 102, 091805	7.4	83
740	Search for supersymmetry in hadronic final states with missing transverse energy using the variables and b-quark multiplicity in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2568	4.2	82
739	Search for new physics in the multijet and missing transverse momentum final state in proton-proton collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	81
738	Observation and mass measurement of the baryon Ξ_{bb} . <i>Physical Review Letters</i> , 2007 , 99, 052002	7.4	80
737	Measurement of bottom-quark hadron masses in exclusive J/ψ decays with the CDF detector. <i>Physical Review Letters</i> , 2006 , 96, 202001	7.4	78
736	Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	77
735	Measurement of the difference in CP-violating asymmetries in $D(0) \rightarrow K(+)K(-)$ and $D(0) \rightarrow \pi(+) \pi(-)$ decays at CDF. <i>Physical Review Letters</i> , 2012 , 109, 111801	7.4	77
734	Search for massive resonances in dijet systems containing jets tagged as W or Z boson decays in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	74
733	Searches for invisible decays of the Higgs boson in pp collisions at $(\sqrt{s}) = 7, 8,$ and 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	74
732	Precise measurement of the W-boson mass with the CDF II detector. <i>Physical Review Letters</i> , 2012 , 108, 151803	7.4	74
731	Observation of single top quark production and measurement of $ V_{tb} $ with CDF. <i>Physical Review D</i> , 2010 , 82,	4.9	74
730	Higgs boson studies at the Tevatron. <i>Physical Review D</i> , 2013 , 88,	4.9	73
729	Search for a Higgs boson in the mass range from 145 to 1000 GeV decaying to a pair of W or Z bosons. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	73
728	Observation of orbitally excited B(s) mesons. <i>Physical Review Letters</i> , 2008 , 100, 082001	7.4	73
727	The trigger system of the KLOE experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 492, 134-146	1.2	73
726	Search for large extra dimensions in final states containing one photon or jet and large missing transverse energy produced in pp collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 181602	7.4	72

725	Study of the production of charged pions, kaons, and protons in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>European Physical Journal C</i> , 2014 , 74, 2847	4.2	71
724	Precision measurement of the $X(3872)$ mass in $J/\psi \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2009 , 103, 152001	7.4	71
723	Search for neutral MSSM Higgs bosons decaying to a pair of tau leptons in pp collisions. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	70
722	Measurement of the single-top-quark t-channel cross section in pp collisions at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	70
721	Search for new bottomlike quark pair decays $QQ \rightarrow (tW^{+})(-)$ in same-charge dilepton events. <i>Physical Review Letters</i> , 2010 , 104, 091801	7.4	70
720	Search for physics beyond the standard model in dilepton mass spectra in proton-proton collisions at $\sqrt{s}=8$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	69
719	Evidence for the exclusive decay $B(c)^+ \rightarrow J/\psi \pi^+$ and measurement of the mass of the $B(c)^+$ meson. <i>Physical Review Letters</i> , 2006 , 96, 082002	7.4	69
718	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV using lepton+jets events with jet probability b-tagging. <i>Physical Review D</i> , 2006 , 74,	4.9	68
717	Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	67
716	Direct measurement of the W production charge asymmetry in pp collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 181801	7.4	67
715	Observation of exclusive electron-positron production in hadron-hadron collisions. <i>Physical Review Letters</i> , 2007 , 98, 112001	7.4	67
714	Measurement of the B_c^+ meson lifetime using the decay mode $B_c^+ \rightarrow J/\psi e^+ \nu_e$. <i>Physical Review Letters</i> , 2006 , 97, 012002	7.4	66
713	Search for new physics in high-mass electron-positron events in pp collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 99, 171802	7.4	65
712	Charged-particle nuclear modification factors in PbPb and pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	64
711	Search for $B(s)(0) \rightarrow \mu^+ \mu^-$ and $B(0) \rightarrow \mu^+ \mu^-$ decays with CDF II. <i>Physical Review Letters</i> , 2011 , 107, 191801	7.4	64
710	Inclusive search for squark and gluino production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 121801	7.4	64
709	Search for dark matter in events with one jet and missing transverse energy in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 211804	7.4	63
708	Measurement of $\sigma_{\text{hadron}}(p, \sqrt{s})$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 692, 232-239	4.2	63

707	Search for $Z' \rightarrow e^+ e^-$ using dielectron mass and angular distribution. <i>Physical Review Letters</i> , 2006 , 96, 211801	7.4	63
706	Search for high-mass resonances in dilepton final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	63
705	Observation of exclusive dijet production at the Fermilab Tevatron $p\bar{p}$ collider. <i>Physical Review D</i> , 2008 , 77,	4.9	62
704	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. <i>European Physical Journal C</i> , 2020 , 80, 4	4.2	61
703	Study of double parton scattering using $W + 2$ -jet events in proton-proton collisions at (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	61
702	Search for a charged Higgs boson in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	61
701	Search for neutral Higgs bosons of the minimal supersymmetric standard model decaying to tau pairs in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 011802	7.4	61
700	Measurement of the forward-backward charge asymmetry from $W \rightarrow e\bar{\nu}$ production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	61
699	Studies of azimuthal dihadron correlations in ultra-central PbPb collisions at ($\sqrt{\{s_{NN}\}}$) =2.76 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	60
698	Measurement of inclusive jet cross sections in $Z/\gamma^*(\rightarrow e^+e^-) + jets$ production in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 102001	7.4	60
697	Search for massive resonances decaying into pairs of boosted bosons in semi-leptonic final states at (\sqrt{s}) = 8 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	59
696	Measurement of the cross section for W-boson production in association with jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2008 , 77,	4.9	59
695	Measurement of the $t\bar{t}$ production cross section in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 97, 082004	7.4	59
694	Suppression and azimuthal anisotropy of prompt and nonprompt [Formula: see text] production in PbPb collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 252	4.2	58
693	Study of jet shapes in inclusive jet production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	58
692	Measurement of CP-violating asymmetries in $D^0 \rightarrow \pi^+ \pi^-$ and $D^0 \rightarrow K^+ K^-$ decays at CDF. <i>Physical Review D</i> , 2012 , 85,	4.9	57
691	Search for $B^0_s \rightarrow \mu^+ \mu^-$ and $B^0_d \rightarrow \mu^+ \mu^-$ decays in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2004 , 93, 032001	7.4	57
690	Study of exclusive two-photon production of $W+W$ in pp collisions at ($\sqrt{s}=7$) TeV and constraints on anomalous quartic gauge couplings. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	56

689	Measurement of the $W+W$ cross section in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$ and limits on anomalous WW and WWZ couplings. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	56
688	Search for long-lived massive charged particles in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , 2009 , 103, 021802	7.4	56
687	Search for exclusive $\gamma\gamma$ production in Hadron-Hadron collisions. <i>Physical Review Letters</i> , 2007 , 99, 242002	7.4	56
686	Search for a standard model Higgs boson produced in association with a top-quark pair and decaying to bottom quarks using a matrix element method. <i>European Physical Journal C</i> , 2015 , 75, 251	4.2	55
685	Measurement of the $W^+ W^-$ production cross section and search for anomalous WW and WWZ couplings in pp collisions at square root(s)=1.96 TeV. <i>Physical Review Letters</i> , 2010 , 104, 201801	7.4	55
684	Search for high-mass e^+e^- resonances in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 031801	7.4	55
683	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV using dilepton events. <i>Physical Review Letters</i> , 2004 , 93, 142001	7.4	55
682	Search for new phenomena with the variable in the all-hadronic final state produced in proton-proton collisions at. <i>European Physical Journal C</i> , 2017 , 77, 710	4.2	54
681	Measurement of the ratio $\{\sigma(t\bar{t})/\sigma(Z/\gamma^*)\rightarrow ll\}$ and precise extraction of the $t\bar{t}$ cross section. <i>Physical Review Letters</i> , 2010 , 105, 012001	7.4	54
680	Search for exclusive Z-boson production and observation of high-mass $pp\rightarrow p\gamma\gamma p$ events in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 222002	7.4	54
679	Search for supersymmetry in pp collisions at $\sqrt{s}=1.96$ TeV Using the trilepton signature for chargino-neutralino production. <i>Physical Review Letters</i> , 2008 , 101, 251801	7.4	52
678	Search for top-quark production via flavor-changing neutral currents in $W+1$ jet events at CDF. <i>Physical Review Letters</i> , 2009 , 102, 151801	7.4	51
677	Measurements of differential and double-differential Drell-Yan cross sections in proton-proton collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 147	4.2	50
676	Measurement of the ratio of the inclusive 3-jet cross section to the inclusive 2-jet cross section in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$ and first determination of the strong coupling constant in the TeV range. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	50
675	Search for the production of narrow $t\bar{b}$ resonances in 1.9 fb^{-1} of pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 103, 041801	7.4	50
674	Search for heavy bottomlike quarks decaying to an electron or muon and jets in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 141803	7.4	50
673	Search for the flavor-changing neutral-current decay $t\rightarrow Zq$ in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 192002	7.4	50
672	Observation of $B(s)0\rightarrow K^+ K^-$ and measurements of branching fractions of charmless two-body decays of B_0 and $B(s)0$ mesons in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 97, 211802	7.4	50

671	Measurement of the lifetime difference between Bs mass eigenstates. <i>Physical Review Letters</i> , 2005 , 94, 101803	7.4	50
670	Search for a standard-model-like Higgs boson with a mass in the range 145 to 1000 GeV at the LHC. <i>European Physical Journal C</i> , 2013 , 73, 2469	4.2	49
669	Nuclear effects on the transverse momentum spectra of charged particles in pPb collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 237	4.2	48
668	Measurement of the t-channel single-top-quark production cross section and of the $ V_{tb} $ CKM matrix element in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	48
667	Combination of measurements of the top-quark pair production cross section from the Tevatron Collider. <i>Physical Review D</i> , 2014 , 89,	4.9	47
666	Measurement of $\sigma(\chi_{c2} B(\chi_{c2} \rightarrow J/\psi \gamma))/\sigma(\chi_{c1} B(\chi_{c1} \rightarrow J/\psi \gamma))$ in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 232001	7.4	47
665	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	5.4	46
664	Measurement of branching ratio and B_{s0} lifetime in the decay $B_{s0} \rightarrow J/\psi(980)$ at CDF. <i>Physical Review D</i> , 2011 , 84,	4.9	46
663	Measurement of the bottom-strange meson mixing phase in the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 171802	7.4	46
662	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	5.4	45
661	Search for the associated production of the Higgs boson with a top-quark pair. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	45
660	Measurement of the sum of WW and WZ production with W+dijet events in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2283	4.2	45
659	Studying the underlying event in Drell-Yan and high transverse momentum jet production at the Tevatron. <i>Physical Review D</i> , 2010 , 82,	4.9	45
658	Measurement of the B^+ production cross section in pp collisions at $s=1960$ GeV. <i>Physical Review D</i> , 2007 , 75,	4.9	45
657	Measurement of the X(3872) production cross section via decays to $J/\psi \pi^0$ in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	44
656	Global search for new physics with 2.0 fb^{-1} at CDF. <i>Physical Review D</i> , 2009 , 79,	4.9	44
655	First run II measurement of the W boson mass at the Fermilab Tevatron. <i>Physical Review D</i> , 2008 , 77,	4.9	44
654	Measurement of the single-top-quark production cross section at CDF. <i>Physical Review Letters</i> , 2008 , 101, 252001	7.4	44

653	Measurement of the forward-backward charge asymmetry of electron-positron pairs in $p\bar{p}$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	44
652	Measurement of the ($t\bar{t}$) production cross section in the dilepton channel in pp collisions at (\sqrt{s}) = 8 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	43
651	Measurement of the differential and double-differential Drell-Yan cross sections in proton-proton collisions at (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	43
650	Measurement of particle production and inclusive differential cross sections in $pp\bar{p}$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2009 , 79,	4.9	43
649	Study of the decay $B \rightarrow \pi\pi$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 561, 55-60	4.2	43
648	Event activity dependence of (Υ)(nS) production in ($\sqrt{s_{NN}}$) = 5.02 TeV pPb and (\sqrt{s}) = 2.76 TeV pp collisions. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	42
647	Measurements of the properties of $\Lambda(2595)$, $\Lambda(2625)$, $\Lambda(2455)$, and $\Lambda(2520)$ baryons. <i>Physical Review D</i> , 2011 , 84,	4.9	42
646	Measurement of $t\bar{t}$ spin correlation in $pp\bar{p}$ collisions using the CDF II detector at the Tevatron. <i>Physical Review D</i> , 2011 , 83,	4.9	42
645	Search for doubly charged Higgs bosons with lepton-flavor-violating decays involving tau leptons. <i>Physical Review Letters</i> , 2008 , 101, 121801	7.4	42
644	Measurement of $\langle \cos\theta_{12} \rangle / \langle \cos\theta_{13} \rangle$ and the pseudoscalar mixing angle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 541, 45-51	4.2	42
643	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. <i>European Physical Journal C</i> , 2015 , 75, 186	4.2	41
642	Measurement of prompt J/ψ pair production in pp collisions at (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	41
641	Search for electroweak production of charginos and neutralinos using leptonic final states in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	41
640	Observation of the Λ_b baryon and measurement of the properties of the Λ_b and Σ_b baryons. <i>Physical Review D</i> , 2009 , 80,	4.9	41
639	Measurements of direct CP violating asymmetries in charmless decays of strange bottom mesons and bottom baryons. <i>Physical Review Letters</i> , 2011 , 106, 181802	7.4	41
638	Search for large extra dimensions in the production of jets and missing transverse energy in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 97, 171802	7.4	41
637	Measurement of the inelastic proton-proton cross section at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	41
636	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	5.4	40

635	Observation of s-channel production of single top quarks at the Tevatron. <i>Physical Review Letters</i> , 2014 , 112, 231803	7.4	40
634	Study of orbitally excited B mesons and evidence for a new B_c resonance. <i>Physical Review D</i> , 2014 , 90,	4.9	40
633	Observation of new charmless decays of bottom hadrons. <i>Physical Review Letters</i> , 2009 , 103, 031801	7.4	40
632	Studies of jet mass in dijet and W/Z + jet events. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	39
631	Study of the underlying event at forward rapidity in pp collisions at ($\sqrt{s}=0.9, 2.76, \text{and } 7 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	39
630	Measurement of the ZZ production cross section and search for anomalous couplings in 200 final states in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	39
629	Combination of CDF and D0 W-Boson mass measurements. <i>Physical Review D</i> , 2013 , 88,	4.9	39
628	Inclusive search for new physics with like-sign dilepton events in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 221803	7.4	39
627	Search for new high-mass particles decaying to Lepton pairs in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 95, 252001	7.4	39
626	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	5.4	39
625	Search for new physics in events with same-sign dileptons and jets in pp collisions at (\sqrt{s}) = 8 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	38
624	Search for microscopic black holes in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	38
623	Measurement of the top-quark mass with dilepton events selected using neuroevolution at CDF. <i>Physical Review Letters</i> , 2009 , 102, 152001	7.4	38
622	First measurement of the angular coefficients of Drell-Yan $e^{+}e^{-}$ pairs in the Z mass region from pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 241801	7.4	38
621	Measurement of $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ at the collider detector at fermilab. <i>Physical Review Letters</i> , 2005 , 95, 102002	7.4	38
620	Search for new physics using high-mass tau pairs from 1.96 TeV pp collisions. <i>Physical Review Letters</i> , 2005 , 95, 131801	7.4	38
619	Measurement of the [Formula: see text] cross section in pp collisions at [Formula: see text] TeV and limits on anomalous gauge couplings. <i>European Physical Journal C</i> , 2016 , 76, 401	4.2	38
618	Constraints on parton distribution functions and extraction of the strong coupling constant from the inclusive jet cross section in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 288	4.2	37

617	Measurement of the differential cross section and charge asymmetry for inclusive [Formula: see text] production at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2016 , 76, 469	4.2	37
616	Measurement of associated W + charm production in pp collisions at (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	37
615	Measurement of masses in the [Formula: see text] system by kinematic endpoints in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2494	4.2	37
614	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	5.4	37
613	Measurement of pseudorapidity distributions of charged particles in proton-proton collisions at (\sqrt{s}) = 8 TeV by the CMS and TOTEM experiments. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	37
612	Production of Υ mesons in pp collisions at 1.96 TeV. <i>Physical Review D</i> , 2009 , 80,	4.9	37
611	Measurement of the forward-backward asymmetry in the $B \rightarrow K^*(\ell)\ell$ decay and first observation of the $B(s)0 \rightarrow \Upsilon(\ell)\ell$ decay. <i>Physical Review Letters</i> , 2011 , 106, 161801	7.4	37
610	Measurements of the angular distributions of muons from Υ decays in pp collisions at \sqrt{s} = 1.96 TeV. <i>Physical Review Letters</i> , 2012 , 108, 151802	7.4	37
609	Search for resonant $t\bar{t}$ production in pp collisions at \sqrt{s} =1.96 TeV. <i>Physical Review Letters</i> , 2008 , 100, 231801	7.4	37
608	Measurement of the top quark mass using template methods on dilepton events in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2006 , 73,	4.9	37
607	Direct search for Dirac magnetic monopoles in pp collisions at square root s = 1.96 TeV. <i>Physical Review Letters</i> , 2006 , 96, 201801	7.4	37
606	First measurement of the W-boson mass in run II of the Tevatron. <i>Physical Review Letters</i> , 2007 , 99, 151801	7.4	37
605	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	5.4	37
604	Measurement of prompt and nonprompt charmonium suppression in collisions at 5.02. <i>European Physical Journal C</i> , 2018 , 78, 509	4.2	37
603	Precision top-quark mass measurement at CDF. <i>Physical Review Letters</i> , 2012 , 109, 152003	7.4	36
602	Measurement of Lifetime and Decay-Width Difference in $B_{s;0} \rightarrow J/\psi\varphi$ Decays. <i>Physical Review Letters</i> , 2008 , 100, 121803	7.4	36
601	Measurement of partial widths and search for direct CP violation in D_0 meson decays to $K-K^+$ and $\pi-\pi^+$. <i>Physical Review Letters</i> , 2005 , 94, 122001	7.4	36
600	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 451	4.2	36

599	Search for disappearing tracks in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	35
598	Measurement of differential cross sections for Higgs boson production in the diphoton decay channel in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 13	4-2	35
597	Search for the standard model Higgs boson produced in association with a top-quark pair in pp collisions at the LHC. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	35
596	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. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	35
595	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	7-4	35
594	First search for multijet resonances in $\sqrt{s} = 1.96$ TeV pp collisions. <i>Physical Review Letters</i> , 2011 , 107, 042001	7-4	35
593	Measurement and QCD analysis of double-differential inclusive jet cross sections in pp collisions at ($\sqrt{s}=8$) TeV and cross section ratios to 2.76 and 7 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	34
592	Search for new physics in same-sign dilepton events in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 439	4-2	34
591	Top quark mass measurement in the lepton + jets channel using a matrix element method and in situ jet energy calibration. <i>Physical Review Letters</i> , 2010 , 105, 252001	7-4	34
590	Publisher's Note: Search for $B_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ Decays with CDF II [Phys. Rev. Lett. 107, 191801 (2011)]. <i>Physical Review Letters</i> , 2011 , 107,	7-4	34
589	Combination of CDF and D0 measurements of the W boson helicity in top quark decays. <i>Physical Review D</i> , 2012 , 85,	4-9	34
588	Limits on the production of narrow tt resonances in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2008 , 77,	4-9	34
587	Measurement of the cross section for tt production in pp collisions using the kinematics of lepton+jets events. <i>Physical Review D</i> , 2005 , 72,	4-9	34
586	Search for decays of stopped long-lived particles produced in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 151	4-2	33
585	Search for new physics in events with same-sign dileptons and b jets in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	33
584	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	5-4	33
583	Search for a light charged Higgs boson decaying to ($\overline{\text{charm}} \text{ charm}$) in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1-37	5-4	33
582	Search for Higgs bosons predicted in two-Higgs-doublet models via decays to tau lepton pairs in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , 2009 , 103, 201801	7-4	33

581	Measurement of the inclusive jet cross section using the kT algorithm in pp collisions at (square root s)=1.96 TeV. <i>Physical Review Letters</i> , 2006 , 96, 122001	7-4	33
580	Observation of WZ production. <i>Physical Review Letters</i> , 2007 , 98, 161801	7-4	33
579	Search for [corrected] B0(s) --> mu+ mu- and B0(d) [corrected] --> mu + mu- decays in pp collisions with CDF II. <i>Physical Review Letters</i> , 2005 , 95, 221805	7-4	33
578	Measurement of the cross section for prompt diphoton production in pp collisions at square root of s=1.96 TeV. <i>Physical Review Letters</i> , 2005 , 95, 022003	7-4	33
577	Identification techniques for highly boosted W bosons that decay into hadrons. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	32
576	Measurement of the CP-violating phase $\arg(V_{cb}V_{cs}^*)$ in Bs0->J/psi decays with the CDF II detector. <i>Physical Review D</i> , 2012 , 85,	4-9	32
575	First measurement of the b-jet cross section in events with a W boson in pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 104, 131801	7-4	32
574	Measurement of resonance parameters of orbitally excited narrow B0 mesons. <i>Physical Review Letters</i> , 2009 , 102, 102003	7-4	32
573	Evidence for the charmless annihilation decay mode B(s)(0)->(h+)(f-). <i>Physical Review Letters</i> , 2012 , 108, 211803	7-4	32
572	First measurement of W boson production in association with a single Charm quark in pp collisions at sqrt(s)=1.96 TeV. <i>Physical Review Letters</i> , 2008 , 100, 091803	7-4	32
571	Search for electroweak single-top-quark production in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2005 , 71,	4-9	32
570	Search for supersymmetry with gauge-mediated breaking in diphoton events with missing transverse energy at CDF II. <i>Physical Review Letters</i> , 2010 , 104, 011801	7-4	31
569	Combined Tevatron upper limit on gg->H->W+W and constraints on the Higgs boson mass in fourth-generation fermion models. <i>Physical Review D</i> , 2010 , 82,	4-9	31
568	Search for the decays B_{(s)}^{(0)} --> e^{(+)} micro^{-} and B_{(s)}^{(0)} --> e^{(+)} e^{-} in CDF run II. <i>Physical Review Letters</i> , 2009 , 102, 201801	7-4	31
567	Measurement of the tt production cross section in pp collisions at s=1.96 TeV using lepton plus jets events with semileptonic B decays to muons. <i>Physical Review D</i> , 2005 , 72,	4-9	31
566	Evidence for B0 s->phiph i decay and measurements of branching ratio and A(CP) for B+ -->ph iK+.	7-4	31
565	Measurement of the ($\overline{\text{t}}\text{t}$) production cross section in the e channel in proton-proton collisions at (sqrt{s}=7) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	30
564	Search in leptonic channels for heavy resonances decaying to long-lived neutral particles. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	30

563	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	7.4	30
562	Search for a standard model Higgs boson in $WH \rightarrow l\nu b\bar{b}$ in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 103, 101802	7.4	30
561	Observation of exclusive $t\bar{t}$ production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 081801	7.4	30
560	Model-independent and quasi-model-independent search for new physics at CDF. <i>Physical Review D</i> , 2008 , 78,	4.9	30
559	Search for heavy toptlike quarks using lepton plus jets events in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , 2008 , 100, 161803	7.4	30
558	Precision top-quark mass measurement in the lepton+jets topology in p p collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 022004	7.4	30
557	Measurement of the inclusive jet cross section in pp interactions at $s=1.96$ TeV using a cone-based jet algorithm. <i>Physical Review D</i> , 2006 , 74,	4.9	30
556	Measurement of $W\gamma$ and $Z\gamma$ production in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 94, 041803	7.4	30
555	Measurements of the production cross section and the branching fraction, and constraints on anomalous triple gauge couplings at. <i>European Physical Journal C</i> , 2018 , 78, 165	4.2	29
554	Search for supersymmetry in final states with missing transverse energy and 0, 1, 2, or B b-quark jets in 7 TeV pp collisions using the variable \cancel{E}_T . <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	29
553	Observation of $Y(1S)$ pair production in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	29
552	Measurement of top quark-antiquark pair production in association with a W or Z boson in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 3060	4.2	29
551	Measurement of differential cross sections for the production of a pair of isolated photons in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 3129	4.2	29
550	Measurement of the leptonic asymmetry in $t\bar{t}$ events produced in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2013 , 88,	4.9	29
549	Search for heavy Majorana neutrinos in $e\bar{e}\mu^+\mu^+$ jets and $e\mu^+\mu^+$ jets events in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	28
548	Measurement of the top pair production cross section in the dilepton decay channel in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	28
547	Search for a heavy toptlike quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 261801	7.4	28
546	Strong evidence for ZZ production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 201801	7.4	28

545	Search for high-mass resonances decaying to $\mu\mu$ in pp collisions at square root $= 1.69$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 211802	7.4	28
544	Search for new particles leading to Z+jets final states in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2007 , 76,	4.9	28
543	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV using kinematic fitting of b-tagged lepton+jet events. <i>Physical Review D</i> , 2005 , 71,	4.9	28
542	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	5.4	28
541	Measurement of the production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at. <i>European Physical Journal C</i> , 2019 , 79, 368	4.2	27
540	Evidence for exclusive $\bar{B} \rightarrow W + W \bar{\nu}$ 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	5.4	27
539	Direct measurement of the total decay width of the top quark. <i>Physical Review Letters</i> , 2013 , 111, 202007.4	7.4	27
538	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	7.4	27
537	Searches for direct pair production of supersymmetric top and supersymmetric bottom quarks in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2007 , 76,	4.9	27
536	Measurement of the moments of the hadronic invariant mass distribution in semileptonic B decays. <i>Physical Review D</i> , 2005 , 71,	4.9	27
535	Search for long-lived doubly charged Higgs bosons in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 95, 071801	7.4	27
534	Measurement of prompt and nonprompt $[Formula: see text]$ production in $[Formula: see text]$ and $[Formula: see text]$ collisions at $[Formula: see text]$. <i>European Physical Journal C</i> , 2017 , 77, 269	4.2	26
533	Measurement of the cross section and angular correlations for associated production of a Z boson with b hadrons in pp collisions at (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	26
532	Search for anomalous Wtb couplings and flavour-changing neutral currents in t-channel single top quark production in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	26
531	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	5.4	26
530	Search for WW and WZ resonances decaying to electron, missing $E(T)$, and two jets in pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 104, 241801	7.4	26
529	Measurement of cross sections for b jet production in events with a Z boson in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2009 , 79,	4.9	26
528	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s}=1.96$ TeV using the CDF detector. <i>Physical Review D</i> , 2009 , 80,	4.9	26

527	Search for high mass resonances decaying to muon pairs in $\sqrt{s}=1.96$ TeV pp collisions. <i>Physical Review Letters</i> , 2011 , 106, 121801	7.4	26
526	Measurement of ratios of fragmentation fractions for bottom hadrons in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2008 , 77,	4.9	26
525	Precision measurement of the top-quark mass from dilepton events at CDF II. <i>Physical Review D</i> , 2007 , 75,	4.9	26
524	Measurement of the W-boson helicity in top-quark decays from $(\overline{\text{t}})$ production in lepton+jets events in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	25
523	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	5.4	25
522	Measurements of the $[\text{Formula: see text}][\text{Formula: see text}]$ production cross sections in the $[\text{Formula: see text}]$ channel in proton-proton collisions at $[\text{Formula: see text}]$ and $[\text{Formula: see text}]$ and combined constraints on triple gauge couplings. <i>European Physical Journal C</i> , 2015 , 75, 511	4.2	25
521	Search for resonant $(\overline{\text{t}})$ production in lepton+jets events in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	25
520	Search for pair production of strongly interacting particles decaying to pairs of jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2013 , 111, 031802	7.4	25
519	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,	4.9	25
518	Search for the standard model Higgs boson decaying to a bb pair in events with two oppositely charged leptons using the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 111803	7.4	25
517	Search for the standard model Higgs boson decaying to a bb pair in events with one charged lepton and large missing transverse energy using the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 111804	7.4	25
516	First simultaneous measurement of the top quark mass in the lepton+jets and dilepton channels at CDF. <i>Physical Review D</i> , 2009 , 79,	4.9	25
515	Search for excited and exotic electrons in the $e\gamma$ decay channel in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 94, 101802	7.4	25
514	Search for heavy resonances decaying to two Higgs bosons in final states containing four b quarks. <i>European Physical Journal C</i> , 2016 , 76, 371	4.2	25
513	Measurement of the weak mixing angle using the forward-backward asymmetry of Drell-Yan events in collisions at 8. <i>European Physical Journal C</i> , 2018 , 78, 701	4.2	25
512	Constraints on the pMSSM, AMSB model and on other models from the search for long-lived charged particles in proton-proton collisions at $[\text{Formula: see text}]$. <i>European Physical Journal C</i> , 2015 , 75, 325	4.2	24
511	Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 75	4.2	24
510	Measurement of inclusive jet production and nuclear modifications in pPb collisions at $[\text{Formula: see text}]$. <i>European Physical Journal C</i> , 2016 , 76, 372	4.2	24

509	Jet and underlying event properties as a function of charged-particle multiplicity in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2674	4.2	24
508	Evidence for a bottom baryon resonance \bar{B}^*0 in CDF data. <i>Physical Review D</i> , 2013 , 88,	4.9	24
507	Measurement of the Λ_{b0} lifetime in $\Lambda_{b0} \rightarrow \Lambda_c^+ \pi^-$ decays in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 104, 102002	7.4	24
506	Search for a fermiophobic Higgs boson decaying into diphotons in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 103, 061803	7.4	24
505	Measurement of polarization and search for CP violation in $B(s)0 \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2011 , 107, 261802	7.4	24
504	Limits on anomalous trilinear gauge couplings in $Z \rightarrow \mu^+ \mu^-$ events from pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 051802	7.4	24
503	Observation of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , 2011 , 107, 102001	7.4	24
502	Measurement of the mass difference between t and \bar{t} quarks. <i>Physical Review Letters</i> , 2011 , 106, 152001	7.4	24
501	Transverse momentum cross section of $e^+e^- \rightarrow \mu^+\mu^-$ pairs in the Z-boson region from pp collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	24
500	Measurement of the WZ cross section and triple gauge couplings in pp collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	24
499	Measurement of the helicity fractions of W bosons from top quark decays using fully reconstructed $t\bar{t}$ events with CDF II. <i>Physical Review D</i> , 2007 , 75,	4.9	24
498	Measurement of the top-quark mass in all-hadronic decays in pp collisions at CDF II. <i>Physical Review Letters</i> , 2007 , 98, 142001	7.4	24
497	Precise measurement of the top-quark mass in the lepton+jets topology at CDF II. <i>Physical Review Letters</i> , 2007 , 99, 182002	7.4	24
496	Search for first-generation scalar leptoquarks in pp collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , 2005 , 72,	4.9	24
495	Performance of the CMS Level-1 trigger in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of Instrumentation</i> , 2020 , 15, P10017-P10017	1	23
494	Search for $W \rightarrow tb$ decays in the lepton + jets final state in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	23
493	Tevatron Combination of Single-Top-Quark Cross Sections and Determination of the Magnitude of the Cabibbo-Kobayashi-Maskawa Matrix Element V_{tb} . <i>Physical Review Letters</i> , 2015 , 115, 152003	7.4	23
492	Measurements of direct CP-violating asymmetries in charmless decays of bottom baryons. <i>Physical Review Letters</i> , 2014 , 113, 242001	7.4	23

491	Search for Higgs bosons produced in association with b quarks. <i>Physical Review D</i> , 2012 , 85,	4.9	23
490	Search for the production of scalar bottom quarks in pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 105, 081802	7.4	23
489	Diffractional W and Z production at the Fermilab Tevatron. <i>Physical Review D</i> , 2010 , 82,	4.9	23
488	Direct top-quark width measurement at CDF. <i>Physical Review Letters</i> , 2010 , 105, 232003	7.4	23
487	Measurement of b hadron lifetimes in exclusive decays containing a J/ψ in pp collisions at √s=1.96 TeV. <i>Physical Review Letters</i> , 2011 , 106, 121804	7.4	23
486	Search for New T' particles in final states with large jet multiplicities and missing transverse energy in pp collisions at sqrt[s] = 1.96 TeV. <i>Physical Review Letters</i> , 2011 , 107, 191803	7.4	23
485	Search for production of heavy particles decaying to top quarks and invisible particles in pp collisions at √s = 1.96 TeV. <i>Physical Review Letters</i> , 2011 , 106, 191801	7.4	23
484	Measurement of the pp→tt production cross section and the top quark mass at s=1.96 TeV in the all-hadronic decay mode. <i>Physical Review D</i> , 2007 , 76,	4.9	23
483	Measurement of σ(pp→Z)B(Z→) in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2007 , 75,	4.9	23
482	Measurement of the W(+)W(-) production cross section in pp collisions at square root[s]=1.96 TeV using dilepton events. <i>Physical Review Letters</i> , 2005 , 94, 211801	7.4	23
481	Search for third-generation scalar leptoquarks decaying to a top quark and a lepton at. <i>European Physical Journal C</i> , 2018 , 78, 707	4.2	23
480	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying leptons at (sqrt{s}=13) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	23
479	Measurement of the [Formula: see text] production cross section using events in the [Formula: see text] final state in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 172	4.2	22
478	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at. <i>European Physical Journal C</i> , 2017 , 77, 845	4.2	22
477	Search for physics beyond the standard model in events with two leptons, jets, and missing transverse momentum in pp collisions at (sqrt{s}) = 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
476	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	7.4	22
475	Measurement of the masses and widths of the bottom baryons B _b and B [*] _b . <i>Physical Review D</i> , 2012 , 85,	4.9	22
474	Top quark mass measurement using the template method at CDF. <i>Physical Review D</i> , 2011 , 83,	4.9	22

473	Search for maximal flavor violating scalars in same-charge lepton pairs in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 041801	7.4	22
472	Search for a new heavy gauge boson W' with event signature electron+missing transverse energy in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2011 , 83,	4.9	22
471	Evidence for $t\bar{t}$ production and measurement of $\sigma_{t\bar{t}}$. <i>Physical Review D</i> , 2011 , 84,	4.9	22
470	Combined search for the standard model Higgs boson decaying to a bb pair using the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 111802	7.4	22
469	Measurement of correlated $b\bar{b}$ production in pp collisions at $s=1960$ GeV. <i>Physical Review D</i> , 2008 , 77,	4.9	22
468	Top quark mass measurement from dilepton events at CDF II with the matrix-element method. <i>Physical Review D</i> , 2006 , 74,	4.9	22
467	Measurement of the Λ_b lifetime in $\Lambda_b \rightarrow J/\psi \Lambda^0$ in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 122001	7.4	22
466	Measurement of the WZ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV and search for anomalous triple gauge couplings at $\sqrt{s}=1.96$ TeV. <i>European Physical Journal C</i> , 2017 , 77, 236	4.2	21
465	A search for new phenomena in pp collisions at $\sqrt{s}=1.96$ TeV in final states with missing transverse momentum and at least one jet using the R_{miss} variable. <i>European Physical Journal C</i> , 2017 , 77, 294	4.2	21
464	Measurement of electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s}=1.96$ TeV. <i>European Physical Journal C</i> , 2015 , 75, 66	4.2	21
463	Correlations between jets and charged particles in PbPb and pp collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	21
462	Measurement of the $t\bar{t}$ production cross section in the all-jets final state in pp collisions at $\sqrt{s}=1.96$ TeV. <i>European Physical Journal C</i> , 2016 , 76, 128	4.2	21
461	Measurement of the production cross sections for a Z boson and one or more b jets in pp collisions at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	21
460	Measurement of the top-quark mass in all-jets $t\bar{t}$ events in pp collisions at $\sqrt{s}=1.96$ TeV. <i>European Physical Journal C</i> , 2014 , 74, 2758	4.2	21
459	Measurement of the $t\bar{t}$ production cross section in the $t\bar{t} + \text{jets}$ channel in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	21
458	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 $\sqrt{s}=1.96$ TeV. <i>European Physical Journal C</i> , 2017 , 77, 578	4.2	21
457	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at $\sqrt{s}=8$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	21
456	Measurement of the cross section for direct-photon production in association with a heavy quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2013 , 111, 042003	7.4	21

455	Measurement of the differential cross section $d\sigma/d(\cos(\theta))$ for Top-Quark Pair Production in pp Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2013 , 111, 182002	7.4	21
454	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	7.4	21
453	Measurement of the top quark mass in the dilepton channel using m_{T2} at CDF. <i>Physical Review D</i> , 2010 , 81,	4.9	21
452	Measurements of branching fraction ratios and CP asymmetries in $B_{\mu} \rightarrow DCPK_{\mu}$ decays in hadron collisions. <i>Physical Review D</i> , 2010 , 81,	4.9	21
451	Study of substructure of high transverse momentum jets produced in proton-antiproton collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	21
450	Top-quark mass measurement from dilepton events at CDF II. <i>Physical Review Letters</i> , 2006 , 96, 152002	7.4	21
449	Search for V+A current in top-quark decays in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 072001	7.4	21
448	Search for anomalous production of diphoton events with missing transverse energy at CDF and limits on gauge-mediated supersymmetry-breaking models. <i>Physical Review D</i> , 2005 , 71,	4.9	21
447	Search for second-generation scalar leptoquarks in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2006 , 73,	4.9	21
446	Measurement of transverse momentum relative to dijet systems in PbPb and pp collisions at ($\sqrt{s_{\text{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	21
445	Measurement of [Formula: see text] production with additional jet activity, including [Formula: see text] quark jets, in the dilepton decay channel using pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 379	4.2	20
444	Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 140	4.2	20
443	Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at. <i>European Physical Journal C</i> , 2019 , 79, 564	4.2	20
442	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. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	20
441	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at. <i>European Physical Journal C</i> , 2017 , 77, 636	4.2	20
440	Observation of D^0 - \bar{D}^0 mixing using the CDF II detector. <i>Physical Review Letters</i> , 2013 , 111, 231802	7.4	20
439	Observation of the production of a W boson in association with a single charm quark. <i>Physical Review Letters</i> , 2013 , 110, 071801	7.4	20
438	Study of the associated production of photons and b-quark jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2010 , 81,	4.9	20

437	Observation of $B_s^0 \rightarrow J/\psi(892)0$ and $B_s^0 \rightarrow J/\psi S^0$ decays. <i>Physical Review D</i> , 2011 , 83,	4.9	20
436	Measurement of ZZ production in leptonic final states at \sqrt{s} of 1.96 TeV at CDF. <i>Physical Review Letters</i> , 2012 , 108, 101801	7.4	20
435	Search for $W^?$ boson decaying to electron-neutrino pairs in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2007 , 75,	4.9	20
434	Search for heavy long-lived particles that decay to photons at CDF II. <i>Physical Review Letters</i> , 2007 , 99, 121801	7.4	20
433	Measurement of the top quark mass with the dynamical likelihood method using lepton plus jets events with b-tags in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2006 , 73,	4.9	20
432	Measurement of the b jet cross section in events with a Z boson in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2006 , 74,	4.9	20
431	Search for anomalous single top quark production in association with a photon in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	20
430	Measurements of the [Formula: see text] production cross section in lepton+jets final states in pp collisions at 8 [Formula: see text] and ratio of 8 to 7 [Formula: see text] cross sections. <i>European Physical Journal C</i> , 2017 , 77, 15	4.2	19
429	Measurement of central exclusive $\mu\mu$ production in pp collisions at $s=0.9$ and 1.96 TeV at CDF. <i>Physical Review D</i> , 2015 , 91,	4.9	19
428	Measurement of the W boson helicity in events with a single reconstructed top quark in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	19
427	Search for resonant and nonresonant Higgs boson pair production in the ($\overline{b}b\ell\nu\ell\nu$) final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	19
426	Search for massive WH resonances decaying into the [Formula: see text] final state at [Formula: see text] [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 237	4.2	19
425	Measurement of exclusive photoproduction from protons in Pb collisions at. <i>European Physical Journal C</i> , 2019 , 79, 277	4.2	19
424	Search for heavy resonances decaying to tau lepton pairs in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	19
423	Search for massive resonances decaying into WW, WZ or ZZ bosons in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	19
422	Search for third-generation scalar leptoquarks in the $t\bar{t}$ channel in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	19
421	Search for the supersymmetric partner of the top quark in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	19
420	Measurements of the top-quark mass using charged particle tracking. <i>Physical Review D</i> , 2010 , 81,	4.9	19

419	Search for a Higgs boson decaying to two W bosons at CDF. <i>Physical Review Letters</i> , 2009 , 102, 021802	7.4	19
418	Search for new dielectron resonances and Randall-Sundrum gravitons at the collider detector at Fermilab. <i>Physical Review Letters</i> , 2011 , 107, 051801	7.4	19
417	Measurement of $\sigma(\Lambda_b^0/\sigma B^0 \times B(\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-)/B(B^0 \rightarrow D^+ \pi^-))$ in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 122002	7.4	19
416	Search for high-mass diphoton states and limits on Randall-Sundrum gravitons at CDF. <i>Physical Review Letters</i> , 2007 , 99, 171801	7.4	19
415	Publisher's Note: Measurement of the inclusive jet cross section using the kT algorithm in pp collisions at $s=1.96$ TeV with the CDF II detector [Phys. Rev. D 75, 092006 (2007)]. <i>Physical Review D</i> , 2007 , 75,	4.9	19
414	The KLOE electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 494, 326-331	1.2	19
413	Measurement of differential cross sections for boson production in association with jets in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 965	4.2	19
412	Search for new physics in dijet angular distributions using proton-proton collisions at and constraints on dark matter and other models. <i>European Physical Journal C</i> , 2018 , 78, 789	4.2	19
411	Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 364	4.2	18
410	Study of Z production in PbPb and pp collisions at ($\sqrt{s_{\text{NN}}}=2.76$) TeV in the dimuon and dielectron decay channels. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	18
409	Observation of top quark pairs produced in association with a vector boson in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	18
408	. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
407	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. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	18
406	Search for heavy neutrinos or third-generation leptoquarks in final states with two hadronically decaying leptons and two jets in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	18
405	Search for neutral MSSM Higgs bosons decaying into a pair of bottom quarks. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	18
404	Mass and lifetime measurements of bottom and charm baryons in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2014 , 89,	4.9	18
403	First observation of vector boson pairs in a hadronic final state at the tevatron collider. <i>Physical Review Letters</i> , 2009 , 103, 091803	7.4	18
402	Search for the rare decays $B^+ \rightarrow \mu^+ \nu$, $B^0 \rightarrow \mu^+ \nu^*(892)^0$, and $B_s^0 \rightarrow \mu^+ \nu$ at CDF. <i>Physical Review D</i> , 2009 , 79,	4.9	18

401	Measurement of the b-hadron production cross section using decays to $D^0 X$ final states in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2009 , 79,	4.9	18
400	Search for $(\overline{\text{t}}\text{H})$ production in the $(\text{H})\text{to } \overline{\text{b}}\text{b}$ decay channel with leptonic $(\overline{\text{t}}\text{t})$ decays in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	17
399	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s}=13$. <i>European Physical Journal C</i> , 2018 , 78, 291	4.2	17
398	Measurement of the inclusive jet cross section in pp collisions at $(\sqrt{s}=2.76, \text{text {TeV}})$. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	17
397	Search for $(\overline{\text{t}}\text{t})$ resonances in highly boosted lepton+jets and fully hadronic final states in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	17
396	Searches for pair production of third-generation squarks in [Formula: see text][Formula: see text] pp collisions. <i>European Physical Journal C</i> , 2017 , 77, 327	4.2	17
395	Search for the production of dark matter in association with top-quark pairs in the single-lepton final state in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	17
394	Search for R-parity violating decays of sneutrinos to $e\bar{e}$ and $e\bar{\nu}$ pairs in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 191801	7.4	17
393	First observation of $B(s)(0) \rightarrow D(s)(\pm)K(\mp)$ and measurement of the ratio of branching fractions $B(B(s)(0) \rightarrow D(s)(\pm)K(\mp))/B(B(s)(0) \rightarrow D(s)(\pm)\pi(\mp))$. <i>Physical Review Letters</i> , 2009 , 103, 191802	7.4	17
392	Measurement of W-boson helicity fractions in top-quark decays using $\cos^2\theta$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 674, 160-167	4.2	17
391	Diffraction dijet production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	17
390	Search for a neutral Higgs boson decaying to a W boson pair in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 97, 081802	7.4	17
389	Measurement of the helicity of W bosons in top-quark decays. <i>Physical Review D</i> , 2006 , 73,	4.9	17
388	Measurement of double-differential cross sections for top quark pair production in pp collisions at [Formula: see text][Formula: see text] and impact on parton distribution functions. <i>European Physical Journal C</i> , 2017 , 77, 459	4.2	16
387	Searches for physics beyond the standard model with the variable in hadronic final states with and without disappearing tracks in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 3	4.2	16
386	Search for new physics with the M_{T2} variable in all-jets final states produced in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	16
385	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into $\tau\tau$ leptons in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	16
384	Measurement of WZ and ZZ production in pp collisions at [Formula: see text] in final states with b-tagged jets. <i>European Physical Journal C</i> , 2014 , 74, 2973	4.2	16

383	Indirect measurement of $\sin^2 2\theta_W$ (or M_W) using $\mu\mu$ pairs from μ/Z bosons produced in pp collisions at a center-of-momentum energy of 1.96 TeV. <i>Physical Review D</i> , 2014 , 89,	4.9	16
382	Search for exotic resonances decaying into WZ/ZZ in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	16
381	Search for vector-like T quarks decaying to top quarks and Higgs bosons in the all-hadronic channel using jet substructure. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	16
380	Precise measurement of the W-boson mass with the Collider Detector at Fermilab. <i>Physical Review D</i> , 2014 , 89,	4.9	16
379	Search for scalar top quark production in $(\bar{p}p)$ collisions at $(\sqrt{s}=1.96;\text{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	16
378	Measurement of the cross section for prompt isolated diphoton production using the full CDF run II data sample. <i>Physical Review Letters</i> , 2013 , 110, 101801	7.4	16
377	Search for $B_{s0} \rightarrow \mu\mu$ and $B_0 \rightarrow \mu\mu$ decays with the full CDF Run II data set. <i>Physical Review D</i> , 2013 , 87,	4.9	16
376	Exclusion of exotic top-like quarks with $\pm/3$ electric charge using jet-charge tagging in single-lepton $t\bar{t}$ events at CDF. <i>Physical Review D</i> , 2013 , 88,	4.9	16
375	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. <i>Physical Review D</i> , 2011 , 83,	4.9	16
374	Search for resonant production of $t\bar{t}$ pairs in 4.8 fb^{-1} of integrated luminosity of pp collisions at $s=1.96 \text{ TeV}$. <i>Physical Review D</i> , 2011 , 84,	4.9	16
373	First measurement of the ratio of branching fractions $B(B_0 \rightarrow \bar{d}+D)/B(B_0 \rightarrow \bar{d}+D)$. <i>Physical Review D</i> , 2009 , 79,	4.9	16
372	Search for new physics in high p_T like-sign dilepton events at CDF II. <i>Physical Review Letters</i> , 2011 , 107, 181801	7.4	16
371	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. <i>Physical Review D</i> , 2012 , 86,	4.9	16
370	Search for new color-octet vector particle decaying to $\mu\mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 691, 183-190	4.2	16
369	Limits on anomalous triple gauge couplings in pp collisions at $s=1.96 \text{ TeV}$. <i>Physical Review D</i> , 2007 , 76,	4.9	16
368	The QCAL tile calorimeter of KLOE. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 483, 649-659	1.2	16
367	Measurement of $\Gamma(K_S \rightarrow \mu\mu)/\Gamma(K_S \rightarrow D\bar{D})$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 538, 21-26	4.2	16
366	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. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	16

365	Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	16
364	Measurements of the associated production of a Z boson and b jets in pp collisions at. <i>European Physical Journal C</i> , 2017 , 77, 751	4.2	15
363	Measurement of differential and integrated fiducial cross sections for Higgs boson production in the four-lepton decay channel in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	15
362	Measurement of the triple-differential cross section for photon + jets production in proton-proton collisions at (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
361	Search for new physics in events with photons, jets, and missing transverse energy in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	15
360	Search for supersymmetry in pp collisions at [Formula: see text] TeV in events with a single lepton, jets, and missing transverse momentum. <i>European Physical Journal C</i> , 2013 , 73, 2404	4.2	15
359	Measurement of W-boson polarization in top-quark decay using the full CDF Run II data set. <i>Physical Review D</i> , 2013 , 87,	4.9	15
358	Measurement of the transverse momentum spectra of weak vector bosons produced in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	15
357	Search for standard model production of four top quarks in the lepton + jets channel in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
356	Measurement of the top quark mass in the all-hadronic mode at CDF. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 24-31	4.2	15
355	Measurement of the Bc meson lifetime in the decay $B_c \rightarrow J/\psi$. <i>Physical Review D</i> , 2013 , 87,	4.9	15
354	Search for resonant top-antitop production in the lepton plus jets decay mode using the full CDF data set. <i>Physical Review Letters</i> , 2013 , 110, 121802	7.4	15
353	Search for single top quark production in pp collisions at $\sqrt{s}=1.96$ TeV in the missing transverse energy plus jets topology. <i>Physical Review D</i> , 2010 , 81,	4.9	15
352	Direct bound on the total decay width of the top quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 042001	7.4	15
351	Top quark mass measurement in the lepton plus jets channel using a modified matrix element method. <i>Physical Review D</i> , 2009 , 79,	4.9	15
350	Measurement of the cross section for prompt isolated diphoton production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	15
349	Measurements of branching fraction ratios and CP-asymmetries in suppressed $B \rightarrow D(-\rightarrow K+D)$ and $B \rightarrow D(-\rightarrow K+D)$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	15
348	Search for a dark matter candidate produced in association with a single top quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 201802	7.4	15

347	Measurement of $B_s^0 \rightarrow D_s^{(*)} + D_s^{(*)-}$ branching ratios. <i>Physical Review Letters</i> , 2012 , 108, 201801	7.4	15
346	Search for pair production of scalar top quarks decaying to a tau lepton and a b quark in pp over collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 071802	7.4	15
345	First observation of the decay $B_s^0 \rightarrow D_s^- D_s^+$ and measurement of its branching ratio. <i>Physical Review Letters</i> , 2008 , 100, 021803	7.4	15
344	Cross-section-constrained top-quark mass measurement from dilepton events at the Tevatron. <i>Physical Review Letters</i> , 2008 , 100, 062005	7.4	15
343	Measurement of mass and width of the excited charmed meson states D_{10} and D_{2^*0} at CDF. <i>Physical Review D</i> , 2006 , 73,	4.9	15
342	Data acquisition and monitoring for the KLOE detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 516, 288-314 ^{1.2}	1.2	15
341	Search for high-mass resonances in final states with a lepton and missing transverse momentum at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
340	Measurement of the jet mass in highly boosted [Formula: see text] events from pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 467	4.2	14
339	Search for direct pair production of supersymmetric top quarks decaying to all-hadronic final states in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 460	4.2	14
338	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. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	14
337	Measurement of the (Λ_{charm}^0) lifetime in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	14
336	Measurement of the ($\text{t}\overline{\text{t}}$) production cross section in the all-jet final state in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	14
335	Indirect measurement of $\sin 2\alpha$ (M_W) using e^+e^- pairs in the Z-boson region with pp collisions at a center-of-momentum energy of 1.96 TeV. <i>Physical Review D</i> , 2013 , 88,	4.9	14
334	Measurement of the ($\text{t}\overline{\text{t}}$) production cross section using events with one lepton and at least one jet in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	14
333	Search for a Higgs boson in the diphoton final state using the full CDF data set from . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 717, 173-181	4.2	14
332	Combination of searches for the Higgs boson using the full CDF data set. <i>Physical Review D</i> , 2013 , 88,	4.9	14
331	Measurement of $R=B(t \rightarrow Wb)/B(t \rightarrow Wq)$ in top-quark-pair decays using lepton+jets events and the full CDF run II dataset. <i>Physical Review D</i> , 2013 , 87,	4.9	14
330	Exclusion of an exotic top quark with $-4/3$ electric charge using soft lepton tagging. <i>Physical Review Letters</i> , 2010 , 105, 101801	7.4	14

329	Search for heavy metastable particles decaying to jet pairs in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	14
328	Search for heavy, long-lived neutralinos that decay to photons at CDF II using photon timing. <i>Physical Review D</i> , 2008 , 78,	4.9	14
327	Measurement of the ratios of branching fractions and. <i>Physical Review Letters</i> , 2006 , 96, 191801	7.4	14
326	Measurement of the tt production cross section in pp collisions at square root $s = 1.96$ TeV using missing E(T) + jets events with secondary vertex b tagging. <i>Physical Review Letters</i> , 2006 , 96, 202002	7.4	14
325	Search for anomalous production of multilepton events in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 131804	7.4	14
324	Search for excited and exotic muons in the muon decay channel in p-p collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 97, 191802	7.4	14
323	Detector and Physics Performance at a Muon Collider. <i>Journal of Instrumentation</i> , 2020 , 15, P05001-P05001		14
322	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. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	14
321	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. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	14
320	High-precision measurement of the boson mass with the CDF II detector.. <i>Science</i> , 2022 , 376, 170-176	33.3	14
319	Measurement of the ratio of the production cross sections times branching fractions of $B \rightarrow J/\psi$ and $B \rightarrow J/\psi$ and $(\text{BR}(B \rightarrow J/\psi) / \text{BR}(B \rightarrow J/\psi))$ in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> ,	5.4	13
318	Constraints on the double-parton scattering cross section from same-sign W boson pair production in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13
317	Forward-backward asymmetry of Drell-Yan lepton pairs in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 325	4.2	13
316	Measurement of exclusive π^0 photoproduction in ultraperipheral pPb collisions at. <i>European Physical Journal C</i> , 2019 , 79, 702	4.2	13
315	Measurement of the top quark mass in the all-jets final state at and combination with the lepton+jets channel. <i>European Physical Journal C</i> , 2019 , 79, 313	4.2	13
314	Probing color coherence effects in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 2901	4.2	13
313	Evidence for s-channel single-top-quark production in events with one charged lepton and two jets at CDF. <i>Physical Review Letters</i> , 2014 , 112, 231804	7.4	13
312	Search for Gluino-Mediated Bottom Squark Production in pp Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 221801	7.4	13

311	Measurement of the $t\bar{t}$ production cross section in 2 fb^{-1} of pp collisions at $s=1.96 \text{ TeV}$ using lepton plus jets events with soft muon b tagging. <i>Physical Review D</i> , 2009 , 79,	4.9	13
310	Search for resonant production of $t\bar{t}$ decaying to jets in pp collisions at $s=1.96 \text{ TeV}$. <i>Physical Review D</i> , 2011 , 84,	4.9	13
309	Search for the standard model Higgs Boson produced in association with top quarks using the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 181802	7.4	13
308	Search for third generation vector leptoquarks in pp collisions at $s=1.96 \text{ TeV}$. <i>Physical Review D</i> , 2008 , 77,	4.9	13
307	Search for the Higgs boson in events with missing transverse energy and b quark jets produced in pp collisions at square root(s)= 1.96 TeV . <i>Physical Review Letters</i> , 2008 , 100, 211801	7.4	13
306	Measurement of the ratio of branching fractions $B(D0 \rightarrow K^+ \ell^-) / B(D0 \rightarrow K^0 \ell^-)$ using the CDF II detector. <i>Physical Review D</i> , 2006 , 74,	4.9	13
305	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=1.96 \text{ TeV}$ in the all hadronic decay mode. <i>Physical Review D</i> , 2006 , 74,	4.9	13
304	Measurement of the branching fraction for the decay $K_S \rightarrow \mu^+ \mu^-$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 535, 37-42	4.2	13
303	Measurement of $(\text{d}\sigma / \text{d}p_T \text{d}p_T \text{d}p_T)$ normalised multi-differential cross sections in (pp) collisions at $(\sqrt{s}=13, \text{TeV})$, and simultaneous determination of the strong coupling strength, top quark pole mass, and parton distribution functions. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	13
302	Decomposing transverse momentum balance contributions for quenched jets in PbPb collisions at $(\sqrt{s_{NN}}=2.76) \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
301	Search for $(\text{t}\bar{\text{t}}\text{H})$ production in the all-jet final state in proton-proton collisions at $(\sqrt{s}=13) \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13
300	Measurement of the top quark mass with lepton+jets final states using collisions at. <i>European Physical Journal C</i> , 2018 , 78, 891	4.2	13
299	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 280	4.2	12
298	Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	12
297	Measurement of normalized differential $(\text{t}\bar{\text{t}})$ cross sections in the dilepton channel from pp collisions at $(\sqrt{s}=13) \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12
296	Measurement of the production cross section for $(Z\gamma \rightarrow \nu \bar{\nu})$ in pp collisions at $(\sqrt{s}=7) \text{ TeV}$ and limits on ZZ and $Z\ell\ell$ triple gauge boson couplings. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	12
295	Search for heavy quarks decaying into a top quark and a W or Z boson using lepton + jets events in pp collisions at $(\sqrt{s}=7) \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	12
294	Search for top quark decays via Higgs-boson-mediated flavor-changing neutral currents in pp collisions at $(\sqrt{s}=8) \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	12

293	Search for third-generation leptoquarks and scalar bottom quarks in pp collisions at ($\sqrt{s}=7$;TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	12
292	Updated search for the standard model Higgs boson in events with jets and missing transverse energy using the full CDF data set. <i>Physical Review D</i> , 2013 , 87,	4.9	12
291	Search for anomalous production of events with two photons and additional energetic objects at CDF. <i>Physical Review D</i> , 2010 , 82,	4.9	12
290	Measurement of the fraction of $t\bar{t}$ production via gluon-gluon fusion in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2009 , 79,	4.9	12
289	Search for the standard model Higgs boson decaying to a $b\bar{b}$ pair in events with no charged leptons and large missing transverse energy using the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 111805	7.4	12
288	Search for a low-mass standard model Higgs boson in the $\tau\tau$ decay channel in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 181804	7.4	12
287	Search for standard model Higgs bosons produced in association with W bosons. <i>Physical Review Letters</i> , 2008 , 100, 041801	7.4	12
286	Measurement of the top quark mass in pp collisions at $s=1.96$ TeV using the decay length technique. <i>Physical Review D</i> , 2007 , 75,	4.9	12
285	Measurement of the ratios of branching fractions $B(B_{0s} \rightarrow D_s^- \pi^+ \pi^+ \pi^-)/B(B_{0s} \rightarrow D^- \pi^+ \pi^+ \pi^-)$ and $B(B_{0s} \rightarrow D_s^- \pi^+)/B(B_{0s} \rightarrow D^- \pi^+)$. <i>Physical Review Letters</i> , 2007 , 98, 061802	7.4	12
284	Studies of η and mesons including the observation of the decay in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 939	4.2	12
283	Electroweak production of two jets in association with a Z boson in proton-proton collisions at ($\sqrt{s}=13$ TeV). <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	12
282	Search for new physics in the monophoton final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	11
281	Measurement of associated Z + charm production in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 287	4.2	11
280	Phenomenological MSSM interpretation of CMS searches in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	11
279	Measurement of jet multiplicity distributions in $[Formula: see text]$ production in pp collisions at $[Formula: see text]$. <i>European Physical Journal C</i> , 2014 , 74, 3014	4.2	11
278	Measurements of differential production cross sections for a Z boson in association with jets in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	11
277	Search for electroweak production of charginos and neutralinos in WH events in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	11
276	Search for new physics with dijet angular distributions in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	11

275	Search for supersymmetry in the vector-boson fusion topology in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	11
274	Measurement of indirect CP-violating asymmetries in $D^0 \rightarrow K+K^{\pm}$ and $D^0 \rightarrow \pi^{\pm}\pi^{\mp}$ decays at CDF. <i>Physical Review D</i> , 2014 , 90,	4.9	11
273	Measurement of $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ in top-quark-pair decays using dilepton events and the full CDF Run II data set. <i>Physical Review Letters</i> , 2014 , 112, 221801	7.4	11
272	Search for high-mass resonances decaying into ZZ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	11
271	Measurement of the top-quark pair-production cross section in events with two leptons and bottom-quark jets using the full CDF data set. <i>Physical Review D</i> , 2013 , 88,	4.9	11
270	Top-quark mass measurement in events with jets and missing transverse energy using the full CDF data set. <i>Physical Review D</i> , 2013 , 88,	4.9	11
269	Measurement of event shapes in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2011 , 83,	4.9	11
268	Measurement of the tt cross section in pp collisions at $s=1.96$ TeV using dilepton events with a lepton plus track selection. <i>Physical Review D</i> , 2009 , 79,	4.9	11
267	Measurement of the $B(s)0$ lifetime in fully and partially reconstructed $B(s)0 \rightarrow D(s)(-)(\pi^{\pm})X$ decays in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 272001	7.4	11
266	Search for a very light CP-odd Higgs boson in top quark decays from pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 031801	7.4	11
265	Measurements of the top-quark mass and the tt cross section in the hadronic b jets decay channel at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 192001	7.4	11
264	Search for a heavy particle decaying to a top quark and a light quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 211805	7.4	11
263	Search for chargino-neutralino production in pp collisions at $s=1.96$ TeV with high- p_T leptons. <i>Physical Review D</i> , 2008 , 77,	4.9	11
262	Direct measurement of the W Boson width in pp collisions at square roots = 1.96 TeV. <i>Physical Review Letters</i> , 2008 , 100, 071801	7.4	11
261	Observation of $B(0)(s) \rightarrow \Psi(2S)\Phi$ and measurement of the ratio of branching fractions $Beta(B(0)(s) \rightarrow \Psi(2S)\Phi)/Beta(B(0)(s) \rightarrow J/\Psi\Phi)$. <i>Physical Review Letters</i> , 2006 , 96, 231801	7.4	11
260	Search for scalar bottom quarks from gluino decays in collisions at. <i>Physical Review Letters</i> , 2006 , 96, 171802	7.4	11
259	Measurements of differential Z boson production cross sections in proton-proton collisions at (\sqrt{s}) = 13 TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	11
258	Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of Instrumentation</i> , 2020 , 15, P02027-P02027	1	11

257	Search for $Z\bar{\nu}$ resonances using leptonic and hadronic final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	11
256	Measurements of the $pp \rightarrow WZ$ inclusive and differential production cross sections and constraints on charged anomalous triple gauge couplings at (\sqrt{s}) = 13 TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	10
255	A multi-dimensional search for new heavy resonances decaying to boosted τ, μ , or boson pairs in the dijet final state at 13 TeV. <i>European Physical Journal C</i> , 2020 , 80, 237	4.2	10
254	Search for excited leptons in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
253	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. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	10
252	Search for physics beyond the standard model in events with leptons, jets, and large transverse momentum imbalance in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2493	4.2	10
251	Measurements of jet charge with dijet events in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
250	Search for associated production of a Z boson with a single top quark and for tZ flavour-changing interactions in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
249	Search for supersymmetry in events with at least one photon, missing transverse momentum, and large transverse event activity in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
248	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. <i>Physical Review Letters</i> , 2014 , 113, 261804	7.4	10
247	Study of top quark production and decays involving a tau lepton at CDF and limits on a charged Higgs boson contribution. <i>Physical Review D</i> , 2014 , 89,	4.9	10
246	Search for the Higgs boson using neural networks in events with missing energy and b-quark jets in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 104, 141801	7.4	10
245	Measurement of the $k(T)$ distribution of particles in jets produced in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 232002	7.4	10
244	Top quark mass measurement in the $t\bar{t}$ all hadronic channel using a matrix element technique in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2009 , 79,	4.9	10
243	Measurement of the top pair production cross section in the lepton+jets channel using a jet flavor discriminant. <i>Physical Review D</i> , 2011 , 84,	4.9	10
242	Measurement of CP-violation asymmetries in $D^0 \rightarrow K_S^0 \pi^+ \pi^-$. <i>Physical Review D</i> , 2012 , 86,	4.9	10
241	Measurement of the top quark mass at CDF using the τ neutrino τ weighting template method on a lepton plus isolated track sample. <i>Physical Review D</i> , 2009 , 79,	4.9	10
240	Search for standard model Higgs boson production in association with a W boson at CDF. <i>Physical Review D</i> , 2008 , 78,	4.9	10

239	Search for new physics in lepton+photon+X events with 929 pb of pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2007 , 75,	4.9	10
238	Measurement of the ratio $\Gamma(K_L \rightarrow \mu\mu)/\Gamma(K_L \rightarrow \pi\pi)$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 566, 61-69	4.2	10
237	The KLOE drift chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 461, 25-28	1.2	10
236	Search for the associated production of a Higgs boson with a single top quark in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
235	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. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	10
234	Measurement of $\sin^2\theta_{\text{eff}}^{\text{lept}}$ using $e+e$ pairs from μ/Z bosons produced in pp collisions at a center-of-momentum energy of 1.96 TeV. <i>Physical Review D</i> , 2016 , 93,	4.9	9
233	Search for dark matter in proton-proton collisions at 8 TeV with missing transverse momentum and vector boson tagged jets. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	9
232	Azimuthal decorrelation of jets widely separated in rapidity in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	9
231	Measurement of b hadron lifetimes in pp collisions at. <i>European Physical Journal C</i> , 2018 , 78, 457	4.2	9
230	Search for associated production of dark matter with a Higgs boson decaying to ($\text{b}\overline{\text{b}}$) or $\tau\tau$ ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9
229	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. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9
228	Measurement of electroweak-induced production of W with two jets in pp collisions at ($\sqrt{s}=8$) TeV and constraints on anomalous quartic gauge couplings. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9
227	First search for exotic Z Boson decays into photons and neutral pions in hadron collisions. <i>Physical Review Letters</i> , 2014 , 112, 111803	7.4	9
226	Search for s-channel single-top-quark production in events with missing energy plus jets in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2014 , 112, 231805	7.4	9
225	Measurement of the mass difference between top and antitop quarks. <i>Physical Review D</i> , 2013 , 87,	4.9	9
224	Improved search for a Higgs boson produced in association with $Z \rightarrow l+l$ in pp collisions $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 251802	7.4	9
223	Search for the associated production of the standard-model Higgs Boson in the all-hadronic channel. <i>Physical Review Letters</i> , 2009 , 103, 221801	7.4	9
222	Search for the Higgs boson produced in association with $Z \rightarrow \mu\mu$ using the matrix element method at CDF II. <i>Physical Review D</i> , 2009 , 80,	4.9	9

221	First measurement of the fraction of top-quark pair production through gluon-gluon fusion. <i>Physical Review D</i> , 2008 , 78,	4.9	9
220	Measurement of b-jet shapes in inclusive jet production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2008 , 78,	4.9	9
219	Two-particle momentum correlations in jets produced in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2008 , 77,	4.9	9
218	Search for Higgs bosons decaying to bb and produced in association with W bosons in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 081803	7.4	9
217	Search for chargino-neutralino production in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 99, 191806	7.4	9
216	A search for $t \rightarrow \bar{q}$ in tt production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 639, 172-178	4.2	9
215	Search for lepton flavour violating decays of heavy resonances and quantum black holes to an [Formula: see text] pair in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 317	4.2	9
214	Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	9
213	Measurement of charged particle spectra in minimum-bias events from proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 697	4.2	9
212	Measurement of top quark pair production in association with a Z boson in proton-proton collisions at ($\sqrt{s} = 13$) TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
211	Combined Forward-Backward Asymmetry Measurements in Top-Antitop Quark Production at the Tevatron. <i>Physical Review Letters</i> , 2018 , 120, 042001	7.4	8
210	Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at ($\sqrt{s_{\text{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
209	Search for s channel single top quark production in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
208	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. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	8
207	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. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	8
206	Measurement of the top quark mass using single top quark events in proton-proton collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2017 , 77, 354	4.2	8
205	Measurement of the triple-differential dijet cross section in proton-proton collisions at and constraints on parton distribution functions. <i>European Physical Journal C</i> , 2017 , 77, 746	4.2	8
204	Study of the energy dependence of the underlying event in proton-antiproton collisions. <i>Physical Review D</i> , 2015 , 92,	4.9	8

203	Measurement of the WW+WZ production cross section using a matrix element technique in lepton+jets events. <i>Physical Review D</i> , 2010 , 82,	4.9	8
202	Search for new physics with a dijet plus missing E(T) signature in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 131801	7.4	8
201	Measurement of the top quark mass in the lepton+jets channel using the lepton transverse momentum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 371-379	4.2	8
200	Search for standard model Higgs boson production in association with a W boson using a matrix element technique at CDF in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	8
199	Search for the standard model Higgs boson produced in association with a W boson with 7.5 fb ⁻¹ integrated luminosity at CDF. <i>Physical Review D</i> , 2012 , 86,	4.9	8
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197	Measuring the hadronic cross section via radiative return. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003 , 116, 243-248		8
196	Search for the flavor-changing neutral current decay $D^0 \rightarrow \mu^+ \mu^-$ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2003 , 68,	4.9	8
195	Publisher's Note: Search for $B_s^0 \rightarrow \mu^+ \mu^-$ and $B_d^0 \rightarrow \mu^+ \mu^-$ Decays in pp Collisions with CDF II [Phys. Rev. Lett. 95, 221805 (2005)]. <i>Physical Review Letters</i> , 2005 , 95,	7.4	8
194	Search for anomalous kinematics in tt dilepton events at CDF II. <i>Physical Review Letters</i> , 2005 , 95, 022001,	7.4	8
193	Measurement of the underlying event activity in inclusive Z boson production in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
192	Search for electroweak production of charginos in final states with two leptons in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
191	Measurement of the production cross section of a W boson in association with two b jets in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 92	4.2	7
190	Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at ($\sqrt{s}=13$,text {TeV}). <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
189	Search for rare decays of and Higgs bosons to and a photon in proton-proton collisions at $\sqrt{s}=13$. <i>European Physical Journal C</i> , 2019 , 79, 94	4.2	7
188	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. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	7
187	Measurement of differential production cross sections for Z/ γ bosons in association with jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2015 , 91,	4.9	7
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185	Search for supersymmetry in pp collisions at ($\sqrt{s}=13$) TeV in the single-lepton final state using the sum of masses of large-radius jets. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	7
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183	Jet properties in PbPb and pp collisions at ($\sqrt{s_{\mathrm{N};\mathrm{N}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	7
182	Measurement of the semileptonic ($\overline{\mathrm{t}} + \bar{\nu}$) production cross section in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	7
181	Searches for $W\gamma$ bosons decaying to a top quark and a bottom quark in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	7
180	Search for a light pseudoscalar Higgs boson produced in association with bottom quarks in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	7
179	Measurement of the $Z\bar{\nu}$ production cross section in pp collisions at 8 TeV and search for anomalous triple gauge boson couplings. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	7
178	Measurement of the top-quark mass in the all-hadronic channel using the full CDF data set. <i>Physical Review D</i> , 2014 , 90,	4-9	7
177	Measurement of the ZZ production cross section using the full CDF II data set. <i>Physical Review D</i> , 2014 , 89,	4-9	7
176	Measurement of $Z\bar{\nu}$ production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2010 , 82,	4-9	7
175	Updated search for the flavor-changing neutral-current decay $D^0 \rightarrow \mu\bar{\nu}_\mu$ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2010 , 82,	4-9	7
174	Measurement of the top-quark mass in the lepton+jets channel using a matrix element technique with the CDF II detector. <i>Physical Review D</i> , 2011 , 84,	4-9	7
173	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon b-tagged events. <i>Physical Review D</i> , 2009 , 80,	4-9	7
172	Measurement of the $B\bar{t}$ lifetime using a simulation free approach for trigger bias correction. <i>Physical Review D</i> , 2011 , 83,	4-9	7
171	Search for new heavy particles decaying to $ZZ \rightarrow llll, lljj$ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2011 , 83,	4-9	7
170	Measurement of the cross section for prompt isolated diphoton production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 102003	7-4	7
169	Top-quark mass measurement using events with missing transverse energy and jets at CDF. <i>Physical Review Letters</i> , 2011 , 107, 232002	7-4	7
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164	Search for ZZ and ZW production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	7
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160	Search for dark matter produced in association with a leptonically decaying boson in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 13	4.2	7
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158	Search for a heavy resonance decaying into a Z boson and a Z or W boson in $l\bar{l}q$ final states at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
157	Search for dark matter produced in association with a Higgs boson decaying to $l\bar{l} + \tau\bar{\tau}$ at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
156	Precision luminosity measurement in proton-proton collisions at in 2015 and 2016 at CMS. <i>European Physical Journal C</i> , 2021 , 81, 800	4.2	7
155	Search for single production of vector-like quarks decaying to a top quark and a boson in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 90	4.2	6
154	Measurement of the underlying event activity using charged-particle jets in proton-proton collisions at $(\sqrt{s}=2.76)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
153	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in collisions at and 5.02. <i>European Physical Journal C</i> , 2020 , 80, 534	4.2	6
152	Measurement of electroweak production of a boson in association with two jets in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 43	4.2	6
151	Measurement of the $Bc\bar{B}$ production cross section in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2016 , 93,	4.9	6
150	Measurement of the forward-backward asymmetry of top-quark and antiquark pairs using the full CDF Run II data set. <i>Physical Review D</i> , 2016 , 93,	4.9	6

149	Measurement of dijet azimuthal decorrelation in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 536	4.2	6
148	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 ($\sqrt{s} = 13, \text{TeV}$). <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	6
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142	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=1.96$ TeV using events with large missing transverse energy and jets. <i>Physical Review D</i> , 2011 , 84,	4.9	6
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137	Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 893	4.2	6
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133	Search for production of an $\chi(1S)$ meson in association with a W or Z boson using the full 1.96 TeV pp collision data set at CDF. <i>Physical Review D</i> , 2015 , 91,	4.9	5
132	Measurement of the mass of the top quark in decays with a J/ψ meson in pp collisions at 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	5

131	Search for the Higgs boson in the all-hadronic final state using the full CDF data set. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	5
130	Measurement of the inclusive energy spectrum in the very forward direction in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	5
129	Search for Resonances Decaying to Top and Bottom Quarks with the CDF Experiment. <i>Physical Review Letters</i> , 2015 , 115, 061801	7-4	5
128	Comparison of the $Z/\bar{\nu} + \text{jets}$ to $\bar{\nu}$ jets cross sections in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	5
127	Invariant-mass distribution of jet pairs produced in association with a W boson in pp collisions at $s=1.96$ TeV using the full CDF Run II data set. <i>Physical Review D</i> , 2014 , 89,	4-9	5
126	Production of K_S^0 , $K^{*0}(892)$ and $\rho(1020)$ in minimum bias events and K_S^0 and \bar{D} in jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2013 , 88,	4-9	5
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123	Search for a Higgs boson in the diphoton final state in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 011801	7-4	5
122	Search for the rare radiative decay $W \rightarrow \nu\gamma$ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4-9	5
121	Search for anomalous production of multiple leptons in association with W and Z bosons at CDF. <i>Physical Review D</i> , 2012 , 85,	4-9	5
120	Searching the inclusive $\bar{e} T + b$ -quark signature for radiative top quark decay and non-standard-model processes. <i>Physical Review D</i> , 2009 , 80,	4-9	5
119	Measurements of production cross sections and constraints on anomalous triple gauge couplings at. <i>European Physical Journal C</i> , 2021 , 81, 200	4-2	5
118	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at. <i>European Physical Journal C</i> , 2021 , 81, 378	4-2	5
117	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 488	4-2	5
116	Search for top squark pair production using dilepton final states in collision data collected at. <i>European Physical Journal C</i> , 2021 , 81, 3	4-2	5
115	Measurement of the cross section in pp collisions at and validation of lepton analysis techniques. <i>European Physical Journal C</i> , 2018 , 78, 708	4-2	5
114	Search for the pair production of light top squarks in the $e\bar{e}\bar{e}$ final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	4

113	Study of the underlying event in top quark pair production in collisions at 13. <i>European Physical Journal C</i> , 2019 , 79, 123	4.2	4
112	Measurement of differential cross sections for inclusive isolated-photon and photon+jet production in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 20	4.2	4
111	Distributions of topological observables in inclusive three- and four-jet events in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 302	4.2	4
110	Evidence for (text {W})text {W}) production from double-parton interactions in proton-proton collisions at ($\sqrt{s} = 13$, text {TeV}). <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
109	Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at. <i>European Physical Journal C</i> , 2018 , 78, 242	4.2	4
108	Pseudorapidity distributions of charged hadrons in proton-lead collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) and 8.16 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
107	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. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
106	Search for a heavy resonance decaying to a top quark and a vector-like top quark at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
105	Search for high-mass Z resonances in e+e- and $\mu^+\mu^-$ final states in proton-proton collisions at ($\sqrt{s}=8$) and 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
104	Search for CP violation in (\overline{t}) production and decay in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
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101	Measurement of the branching fraction $B(\bar{b} \rightarrow \bar{c} + \mu^+ \mu^-)$ at CDF. <i>Physical Review D</i> , 2012 , 85,	4.9	4
100	Search for WZ+ZZ production with missing transverse energy+jets with b enhancement at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	4
99	Search for supersymmetry with like-sign lepton-tau events at CDF. <i>Physical Review Letters</i> , 2013 , 110, 201802	7.4	4
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97	Search for the production of ZW and ZZ boson pairs decaying into charged leptons and jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2013 , 88,	4.9	4
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95	Search for the neutral current top quark decay $t \rightarrow Zc$ using the ratio of Z-boson+4 jets to W-boson+4 jets production. <i>Physical Review D</i> , 2009 , 80,	4.9	4
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92	Search for new heavy particles decaying to $Z0Z0 \rightarrow eeee$ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2008 , 78,	4.9	4
91	Search for the Higgs boson produced in association with $Z \rightarrow l+l$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 251803	7.4	4
90	The KLOE drift chamber VCI 2001. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 478, 138-141	1.2	4
89	Measurement of differential cross sections and charge ratios for γ -channel single top quark production in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 370	4.2	4
88	Measurement of electroweak production of a W boson and two forward jets in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	4
87	Azimuthal correlations for inclusive 2-jet, 3-jet, and 4-jet events in pp collisions at $(\sqrt{s}=13)$ TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	4
86	MUSiC: a model-unspecific search for new physics in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 629	4.2	4
85	Tevatron constraints on models of the Higgs boson with exotic spin and parity using decays to bottom-antibottom quark pairs. <i>Physical Review Letters</i> , 2015 , 114, 151802	7.4	3
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83	Measurement of the inclusive $(\overline{t}t)$ cross section in pp collisions at $(\sqrt{s}=5.02)$ TeV using final states with at least one charged lepton. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	3
82	Search for ZZ resonances in the $2\ell\ell$ final state in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	3
81	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. <i>Physical Review D</i> , 2016 , 93,	4.9	3
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75	Measurement of the production and differential cross sections of $W+W$ bosons in association with jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2015 , 91,	4.9	3
74	Study of hadronic event-shape variables in multijet final states in pp collisions at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	3
73	Search for standard model Higgs boson production in association with a W boson at CDF. <i>Physical Review D</i> , 2012 , 85,	4.9	3
72	Search for new phenomena in events with two Z bosons and missing transverse momentum in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	3
71	Search for the Higgs boson in the all-hadronic final state using the CDF II detector. <i>Physical Review D</i> , 2011 , 84,	4.9	3
70	Search for anomalous production of events with a photon, jet, b-quark jet, and missing transverse energy. <i>Physical Review D</i> , 2009 , 80,	4.9	3
69	Search for $B^0 \rightarrow p\bar{p}$ and $B^0 \rightarrow pK$ decays in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 72,	4.9	3
68	Search for anomalous semileptonic decay of heavy flavor hadrons produced in association with a W boson at CDF II. <i>Physical Review D</i> , 2006 , 73,	4.9	3
67	The CDF Analysis Farm. <i>AIP Conference Proceedings</i> , 2005 ,	0	3
66	Measurements of the $(\text{pp} \rightarrow \text{ZZ})$ production cross section and the $(\text{Z} \rightarrow 4\ell)$ branching fraction, and constraints on anomalous triple gauge couplings at $(\sqrt{s} = 13, \text{TeV})$ 2018 , 78, 1		3
65	Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 970	4.2	3
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63	A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution. <i>Computing and Software for Big Science</i> , 2020 , 4, 10	6	3
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61	Search for lepton-flavor violating decays of heavy resonances and quantum black holes to e final states in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	3
60	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 723	4.2	3

59	Search for resonant production of second-generation sleptons with same-sign dimuon events in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 305	4.2	2
58	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. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
57	Measurement of differential cross sections in the kinematic angular variable θ^* for inclusive Z boson production in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
56	Search for dark matter particles in proton-proton collisions at ($\sqrt{s}=8$) TeV using the razor variables. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	2
55	Search for $W \rightarrow tb$ in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	2
54	Search for the production of an excited bottom quark decaying to tW in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	2
53	Measurements of the $pp \rightarrow W\gamma$ and $pp \rightarrow Z\gamma$ cross sections and limits on anomalous quartic gauge couplings at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	2
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51	Search for new physics in trilepton events and limits on the associated chargino-neutralino production at CDF. <i>Physical Review D</i> , 2014 , 90,	4.9	2
50	Search for the standard model Higgs boson produced in association with a Z boson in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 715, 98-104	4.2	2
49	Search for a dijet resonance in events with jets and missing transverse energy in $pp \rightarrow$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2013 , 88,	4.9	2
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47	Search for a heavy vector boson decaying to two gluons in $pp \rightarrow$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	2
46	Production of Σ , Σ^0 , Ξ , and Ξ^0 hyperons in $pp \rightarrow$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	2
45	First measurement of the ratio of central-electron to forward-electron W partial cross sections in $pp \rightarrow$ collisions at $(\sqrt{s})=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 251801	7.4	2
44	Search for new physics in events with same-sign dileptons and b jets in pp collisions at ($\sqrt{s}=8$) TeV 2013 , 2013, 1		2
43	Study of central exclusive production in proton-proton collisions at and 13TeV. <i>European Physical Journal C</i> , 2020 , 80, 718	4.2	2
42	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. <i>European Physical Journal C</i> , 2020 , 80, 752	4.2	2

41	Search for supersymmetry in events with a photon, jets, \bar{c} -jets, and missing transverse momentum in proton-proton collisions at 13. <i>European Physical Journal C</i> , 2019 , 79, 444	4.2	1
40	Constraints on models of the Higgs boson with exotic spin and parity using decays to bottom-antibottom quarks in the full CDF data set. <i>Physical Review Letters</i> , 2015 , 114, 141802	7.4	1
39	Studies of high-transverse momentum jet substructure and top quarks produced in 1.96 TeV proton-antiproton collisions. <i>Physical Review D</i> , 2015 , 91,	4.9	1
38	Measurement of the forward-backward asymmetry in low-mass bottom-quark pairs produced in proton-antiproton collisions. <i>Physical Review D</i> , 2016 , 93,	4.9	1
37	Measurement of the D ⁺ -meson production cross section at low transverse momentum in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2017 , 95,	4.9	1
36	Improved determination of the sample composition of dimuon events produced in (p \bar{p}) collisions at ($\sqrt{s}=1.96$) TeV. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	1
35	The CDF level 2 calorimetric trigger upgrade. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 598, 331-333	1.2	1
34	Search for WW and WZ production in lepton plus jets final state at CDF. <i>Physical Review D</i> , 2009 , 79,	4.9	1
33	Triggering on B-Jets at CDF II. <i>IEEE Transactions on Nuclear Science</i> , 2009 , 56, 1690-1695	1.7	1
32	Level-3 Calorimeter Resolution Available for the Level-1 and Level-2 CDF Triggers 2008 ,		1
31	Online b-jets tagging at CDF 2007 ,		1
30	Measurement of b hadron lifetimes in pp collisions at ($\sqrt{s} = 8$) (,text {TeV}text {V}) 2018 , 78, 1		1
29	Development and validation of HERWIG Υ tunes from CMS underlying-event measurements. <i>European Physical Journal C</i> , 2021 , 81, 312	4.2	1
28	Measurements of triple-differential cross sections for inclusive isolated-photon+jet events in collisions at. <i>European Physical Journal C</i> , 2019 , 79, 969	4.2	1
27	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. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	1
26	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in collisions at. <i>European Physical Journal C</i> , 2019 , 79, 773	4.2	0
25	Measurement of single-diffractive dijet production in proton-proton collisions at with the CMS and TOTEM experiments. <i>European Physical Journal C</i> , 2020 , 80, 1164	4.2	0
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22	Measurements of angular distance and momentum ratio distributions in three-jet and + two-jet final states in collisions. <i>European Physical Journal C</i> , 2021 , 81, 852	4.2	○
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20	Search for long-lived particles decaying to leptons with large impact parameter in proton-proton collisions at .. <i>European Physical Journal C</i> , 2022 , 82, 153	4.2	○
19	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at .. <i>European Physical Journal C</i> , 2022 , 82, 290	4.2	○
18	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. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	○
17	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	○
16	Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	○
15	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	○
14	Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	○
13	Search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	○
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