

# Michael Joseph Morello

## 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.

670  
papers

23,969  
citations

70  
h-index

118  
g-index

683  
ext. papers

26,639  
ext. citations

5.8  
avg, IF

5.91  
L-index

#	Paper	IF	Citations
670	Measurement of the $J/\psi$ meson and b-hadron production cross sections in pp collisions at $s=1960$ GeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	596
669	Observation of $J/\psi$ Resonances Consistent with Pentaquark States in $\Lambda_b^0 \rightarrow J/\psi p$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 072001	7.4	580
668	Test of lepton universality using $b^+ \rightarrow K^+ \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 151601	7.4	542
667	Observation of the narrow state $X(3872) \rightarrow J/\psi \pi^+ \pi^-$ in pp collisions at square root of $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2004</b> , 93, 072001	7.4	469
666	LHCb detector performance. <i>International Journal of Modern Physics A</i> , <b>2015</b> , 30, 1530022	1.2	452
665	Observation of the rare $B(s)(0) \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. <i>Nature</i> , <b>2015</b> , 522, 68-72	50.4	326
664	Measurement of the ratio of branching fractions $B(B \rightarrow D^{*+} \mu^-) / B(B \rightarrow D^{*+} e^-)$ . <i>Physical Review Letters</i> , <b>2015</b> , 115, 111803	7.4	316
663	Measurement of form-factor-independent observables in the decay $B^0 \rightarrow K^{*0} \mu^+ \mu^-$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 191801	7.4	314
662	Observation of $B_s(0) \rightarrow B_s(0)$ oscillations. <i>Physical Review Letters</i> , <b>2006</b> , 97, 242003	7.4	274
661	Observation of the resonant character of the $Z(4430)^-$ state. <i>Physical Review Letters</i> , <b>2014</b> , 112, 222002	7.4	234
660	Determination of the $X(3872)$ meson quantum numbers. <i>Physical Review Letters</i> , <b>2013</b> , 110, 222001	7.4	234
659	Measurement of the $B_s(0) \rightarrow \mu^+ \mu^-$ branching fraction and search for $B(0) \rightarrow \mu^+ \mu^-$ decays at the LHCb experiment. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101805	7.4	221
658	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	219
657	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=1.96$ TeV using lepton + jets events with secondary vertex b -tagging. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	217
656	Evidence for a narrow near-threshold structure in the $J/\psi \varphi$ mass spectrum in $B_c^+ \rightarrow J/\psi \varphi K^+$ decays. <i>Physical Review Letters</i> , <b>2009</b> , 102, 242002	7.4	211
655	Forward-backward asymmetry in top-quark production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2008</b> , 101, 202001	7.4	177
654	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> , <b>2012</b> , 109, 071804	7.4	175

653	Observation of electroweak single top-quark production. <i>Physical Review Letters</i> , <b>2009</b> , 103, 092002	7.4	174
652	Measurements of inclusive $W$ and $Z$ cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2007</b> , 34, 2457-2544	2.9	174
651	Polarizations of $J/\psi$ and $\psi(2S)$ mesons produced in $pp$ collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 99, 132001	7.4	165
650	Search for $B_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ decays with $2 \text{ fb}^{-1}$ of $pp$ collisions. <i>Physical Review Letters</i> , <b>2008</b> , 100, 101802	7.4	164
649	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> , <b>2008</b> , 100, 161802	7.4	161
648	Search for new particles decaying into dijets in proton-antiproton collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	159
647	Analysis of the quantum numbers $J(PC)$ of the $X(3872)$ particle. <i>Physical Review Letters</i> , <b>2007</b> , 98, 132002	7.4	159
646	Differential branching fractions and isospin asymmetries of $B \rightarrow K^{(*)} \pi^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	142
645	Angular analysis and differential branching fraction of the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	138
644	Measurement of the $B_s^0$ - $B_s^0$ oscillation frequency. <i>Physical Review Letters</i> , <b>2006</b> , 97, 062003	7.4	133
643	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> , <b>2009</b> , 102, 242001	7.4	126
642	Measurement of prompt charm meson production cross sections in $pp$ collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2003</b> , 91, 241804	7.4	125
641	Measurement of the inclusive jet cross section at the Fermilab Tevatron $pp$ collider using a cone-based jet algorithm. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	119
640	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> , <b>2009</b> , 102, 222003	7.4	113
639	Top quark mass measurement using the template method in the lepton+jets channel at CDF II. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	112
638	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> , <b>2011</b> , 106, 171801	7.4	105
637	Combination of Tevatron searches for the standard model Higgs boson in the $W+W^-$ decay mode. <i>Physical Review Letters</i> , <b>2010</b> , 104, 061802	7.4	104
636	Combination of the top-quark mass measurements from the Tevatron collider. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	104

635	Measurement of the dipion mass spectrum in decays. <i>Physical Review Letters</i> , <b>2006</b> , 96, 102002	7.4	104
634	Search for charged Higgs bosons from top quark decays in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 96, 042003	7.4	101
633	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^* \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	99
632	Observation of $J/\psi$ Structures Consistent with Exotic States from Amplitude Analysis of $B^+ \rightarrow J/\psi K^+$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 022003	7.4	98
631	First measurements of inclusive W and Z cross sections from run II of the fermilab tevatron collider. <i>Physical Review Letters</i> , <b>2005</b> , 94, 091803	7.4	97
630	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	96
629	Observation of the baryonic flavor-changing neutral current decay $B(0) \rightarrow \pi^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2011</b> , 107, 201802	7.4	95
628	Observation of the Heavy Baryons Sigma b and Sigma b*. <i>Physical Review Letters</i> , <b>2007</b> , 99, 202001	7.4	93
627	Evidence for Exotic Hadron Contributions to $\Lambda_b^0 \rightarrow J/\psi \Lambda^0$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 082003	7.4	91
626	Evidence for $D^0$ - $\bar{D}^0$ mixing using the CDF II detector. <i>Physical Review Letters</i> , <b>2008</b> , 100, 121802	7.4	91
625	Observation of the decay $B_c^{+/-} \rightarrow J/\psi \pi^{+/-}$ and measurement of the $B_c^{+/-}$ mass. <i>Physical Review Letters</i> , <b>2008</b> , 100, 182002	7.4	90
624	Measurements of the angular distributions in the decays $B \rightarrow K^{*0} \pi^0$ at CDF. <i>Physical Review Letters</i> , <b>2012</b> , 108, 081807	7.4	89
623	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> , <b>2007</b> , 75,	4.9	89
622	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> , <b>2004</b> , 93, 221802	7.4	88
621	Measurement of $\rho$ polarization in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2631	4.2	87
620	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> , <b>2009</b> , 103, 101803	7.4	87
619	Differential branching fraction and angular analysis of the decay $(B_s^0) \rightarrow \pi^0 \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	86
618	Model-Independent Evidence for $J/\psi$ Contributions to $\Lambda_b^0 \rightarrow J/\psi \Lambda^0$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 082002	7.4	85

617	Measurement of the track reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P02007-P02007	7.4	83
616	Updated measurements of exclusive $J/\psi$ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s}=7\text{ TeV}$ . <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2014</b> , 41, 055002	2.9	83
615	Search for high-mass resonances decaying to dimuons at CDF. <i>Physical Review Letters</i> , <b>2009</b> , 102, 091805	7.4	83
614	Observation and mass measurement of the baryon $\Xi_b^-$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 052002	7.4	80
613	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , <b>2015</b> , 11, 743-747	7.4	79
612	Evidence for the decay $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ . <i>Nuclear Physics B</i> , <b>2014</b> , 886, 665-680	2.8	79
611	Precision luminosity measurements at LHCb. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, P12005-P12005	1	79
610	First observation of CP violation in the decays of $B(s)_0$ mesons. <i>Physical Review Letters</i> , <b>2013</b> , 110, 221601	7.4	78
609	Measurement of bottom-quark hadron masses in exclusive $J/\psi$ decays with the CDF detector. <i>Physical Review Letters</i> , <b>2006</b> , 96, 202001	7.4	78
608	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> , <b>2012</b> , 109, 111801	7.4	77
607	Precise measurement of the W-boson mass with the CDF II detector. <i>Physical Review Letters</i> , <b>2012</b> , 108, 151803	7.4	74
606	Observation of single top quark production and measurement of $ V_{tb} $ with CDF. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	74
605	Higgs boson studies at the Tevatron. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	73
604	Observation of orbitally excited $B(s)$ mesons. <i>Physical Review Letters</i> , <b>2008</b> , 100, 082001	7.4	73
603	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 $\sqrt{s}=1.96\text{ TeV}$ . <i>Physical Review Letters</i> , <b>2008</b> , 101, 181602	7.4	72
602	Precision measurement of the $X(3872)$ mass in $J/\psi \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2009</b> , 103, 152001	7.4	71
601	Search for Majorana neutrinos in $B^- \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 131802	7.4	70
600	Dalitz plot analysis of $B_s^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	70

599	Measurement of CP violation in the phase space of $B_{\mu} \rightarrow K_{\mu} \mu \bar{\mu}$ and $B_{\mu} \rightarrow K_{\mu} K^{+} K^{-}$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101801	7.4	70
598	Search for new bottomlike quark pair decays $QQ \rightarrow (tW^{+})(-)(tW^{+})(-)$ in same-charge dilepton events. <i>Physical Review Letters</i> , <b>2010</b> , 104, 091801	7.4	70
597	Study of D J meson decays to $D^{+} \pi^{0} \mu$ and $D^{*+} \pi$ final states in pp collisions. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	69
596	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> , <b>2006</b> , 96, 082002	7.4	69
595	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=1.96$ TeV using lepton+jets events with jet probability b-tagging. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	68
594	Direct measurement of the W production charge asymmetry in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 181801	7.4	67
593	Observation of exclusive electron-positron production in hadron-hadron collisions. <i>Physical Review Letters</i> , <b>2007</b> , 98, 112001	7.4	67
592	Measurement of CP violation and the $B_{s0}$ meson decay width difference with $B_{s0} \rightarrow J/\psi + K_{\mu} \bar{\mu}$ and $B_{s0} \rightarrow J/\psi \pi \pi$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	66
591	Measurement of the $B_{c}^{+}$ meson lifetime using the decay mode $B_{c}^{+} \rightarrow J/\psi e^{+} \nu_{e}$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 012002	7.4	66
590	Measurements of prompt charm production cross-sections in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	65
589	Search for Hidden-Sector Bosons in $B(0) \rightarrow K^{*0} (\mu^{+} \mu^{-})$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 161802	7.4	65
588	Search for new physics in high-mass electron-positron events in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 99, 171802	7.4	65
587	Search for Structure in the $B_{s}^{0} \mu \bar{\mu}$ Invariant Mass Spectrum. <i>Physical Review Letters</i> , <b>2016</b> , 117, 152003	7.4	64
586	Search for $B(s)(0) \rightarrow \mu \bar{\mu}$ and $B(0) \rightarrow \mu \bar{\mu}$ decays with CDF II. <i>Physical Review Letters</i> , <b>2011</b> , 107, 191801	7.4	64
585	Inclusive search for squark and gluino production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 121801	7.4	64
584	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> , <b>2012</b> , 108, 211804	7.4	63
583	Measurement of $\alpha_{s}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 692, 232-239	4.2	63
582	Search for $Z' \rightarrow e^{+} e^{-}$ using dielectron mass and angular distribution. <i>Physical Review Letters</i> , <b>2006</b> , 96, 211801	7.4	63

581	Observation of exclusive dijet production at the Fermilab Tevatron $p\bar{p}$ collider. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	62
580	Measurement of CP violation in the phase space of $B\bar{B} \rightarrow K^+ K^- B$ and $B\bar{B} \rightarrow \pi^+ \pi^- B$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 011801	7.4	61
579	Observation of overlapping spin-1 and spin-3 $D_0K^*$ - resonances at mass 2.86 GeV/c <sup>2</sup> . <i>Physical Review Letters</i> , <b>2014</b> , 113, 162001	7.4	61
578	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> , <b>2006</b> , 96, 011802	7.4	61
577	Study of $J/\psi$ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	60
576	Measurement of inclusive jet cross sections in $Z/\gamma^*(\rightarrow e^+e^-) + \text{jets}$ production in $pp$ collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2008</b> , 100, 102001	7.4	60
575	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> , <b>2008</b> , 77,	4.9	59
574	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> , <b>2006</b> , 97, 082004	7.4	59
573	Production of $J/\psi$ and $(\chi_{c0})$ mesons in $pp$ collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	58
572	Study of jet shapes in inclusive jet production in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	58
571	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> , <b>2012</b> , 85,	4.9	57
570	Search for $B_0 \rightarrow \mu^+ \mu^-$ and $B_0 \rightarrow \mu^+ \mu^-$ decays in $pp$ collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2004</b> , 93, 032001	7.4	57
569	Amplitude analysis of $B \rightarrow J/\psi K^+$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	56
568	Search for long-lived massive charged particles in 1.96 TeV $pp$ collisions. <i>Physical Review Letters</i> , <b>2009</b> , 103, 021802	7.4	56
567	Search for exclusive $\gamma\gamma$ production in Hadron-Hadron collisions. <i>Physical Review Letters</i> , <b>2007</b> , 99, 242002	7.4	56
566	Observation of the decay $B(c)^+ \rightarrow B(s)^0 \pi^+$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 181801	7.4	55
565	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> , <b>2010</b> , 104, 201801	7.4	55
564	Search for high-mass $e^+e^-$ resonances in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 031801	7.4	55

563	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> , <b>2004</b> , 93, 142001	7-4	55
562	Differential branching fraction and angular analysis of $B^0 \rightarrow \bar{K}^0 \ell^+ \ell^-$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5-4	54
561	Measurement of resonant and CP components in $B^0 \rightarrow J/\psi \bar{K}^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,	4-9	54
560	Measurement of the ratio $\frac{\Gamma(B^0 \rightarrow \bar{K}^0 \ell^+ \ell^-)}{\Gamma(B^0 \rightarrow \bar{K}^0 \mu^+ \mu^-)}$ and precise extraction of the $t\bar{t}$ cross section. <i>Physical Review Letters</i> , <b>2010</b> , 105, 012001	7-4	54
559	Precision measurement of CP violation in $B(S)(0) \rightarrow J/\psi K^-$ decays. <i>Physical Review Letters</i> , <b>2015</b> , 114, 041801	7-4	53
558	Dalitz plot analysis of $B^0 \rightarrow D^0 \bar{K}^0$ decays. <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	53
557	Measurement of the resonant and CP components in $B^0 \rightarrow J/\psi \bar{K}^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4-9	52
556	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> , <b>2008</b> , 101, 251801	7-4	52
555	Search for top-quark production via flavor-changing neutral currents in $W+1$ jet events at CDF. <i>Physical Review Letters</i> , <b>2009</b> , 102, 151801	7-4	51
554	Search for the production of narrow $t\bar{b}$ resonances in $1.9 \text{ fb}^{-1}$ of pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 103, 041801	7-4	50
553	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> , <b>2011</b> , 106, 141803	7-4	50
552	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> , <b>2008</b> , 101, 192002	7-4	50
551	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> , <b>2006</b> , 97, 211802	7-4	50
550	Measurement of the lifetime difference between $B_s$ mass eigenstates. <i>Physical Review Letters</i> , <b>2005</b> , 94, 101803	7-4	50
549	Precision measurement of the $B_0 \rightarrow \bar{B}_0$ oscillation frequency with the decay $B_0 \rightarrow D \bar{K}$ . <i>New Journal of Physics</i> , <b>2013</b> , 15, 053021	2-9	49
548	Search for long-lived scalar particles in $B^+ \rightarrow K^+ \bar{K}^0$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4-9	48
547	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ \bar{K}^0 \ell^+ \ell^-$ decays and the $B^0 \rightarrow K^*(892)0 \ell^+ \ell^-$ differential branching fraction. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	48
546	Measurement of forward $J/\psi$ production cross-sections in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	47



545	Measurements of CP violation in the three-body phase space of charmless $B_{\bar{c}}^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4-9	47
544	Combination of measurements of the top-quark pair production cross section from the Tevatron Collider. <i>Physical Review D</i> , <b>2014</b> , 89,	4-9	47
543	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> , <b>2007</b> , 98, 232001	7-4	47
542	Observation of $B_{c^{++}} \rightarrow J/\psi D_{s^+}$ and $B_{c^{++}} \rightarrow J/\psi D_{s^{*+}}$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4-9	46
541	Measurement of branching ratio and $B_{s0}$ lifetime in the decay $B_{s0} \rightarrow J/\psi \phi(980)$ at CDF. <i>Physical Review D</i> , <b>2011</b> , 84,	4-9	46
540	Measurement of the bottom-strange meson mixing phase in the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 171802	7-4	46
539	Measurement of B meson production cross-sections in proton-proton collisions at ( $\sqrt{s}=7$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	45
538	Studying the underlying event in Drell-Yan and high transverse momentum jet production at the Tevatron. <i>Physical Review D</i> , <b>2010</b> , 82,	4-9	45
537	Measurement of the $B^+$ production cross section in pp collisions at $s=1960$ GeV. <i>Physical Review D</i> , <b>2007</b> , 75,	4-9	45
536	Amplitude analysis of $B_{\bar{c}}^0 \rightarrow D^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2016</b> , 94,	4-9	45
535	Global search for new physics with 2.0 fb $^{-1}$ at CDF. <i>Physical Review D</i> , <b>2009</b> , 79,	4-9	44
534	First run II measurement of the W boson mass at the Fermilab Tevatron. <i>Physical Review D</i> , <b>2008</b> , 77,	4-9	44
533	Measurement of the single-top-quark production cross section at CDF. <i>Physical Review Letters</i> , <b>2008</b> , 101, 252001	7-4	44
532	Measurement of the forward-backward charge asymmetry of electron-positron pairs in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4-9	44
531	Precision measurement of the ratio of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 734, 122-130	4-2	43
530	Observation of a resonance in $B^+ \rightarrow K^+ \pi^0$ decays at low recoil. <i>Physical Review Letters</i> , <b>2013</b> , 111, 112003	7-4	43
529	Measurement of particle production and inclusive differential cross sections in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4-9	43
528	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	42

527	Measurement of the exclusive $\bar{b}$ production cross-section in pp collisions at ( $\sqrt{s}=7$ ) TeV and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	42
526	Measurements of the properties of $\bar{\Lambda}(2595)$ , $\bar{\Lambda}(2625)$ , $\bar{\Lambda}(2455)$ , and $\bar{\Lambda}(2520)$ baryons. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	42
525	Measurement of $t\bar{t}$ spin correlation in pp collisions using the CDF II detector at the Tevatron. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	42
524	Search for doubly charged Higgs bosons with lepton-flavor-violating decays involving tau leptons. <i>Physical Review Letters</i> , <b>2008</b> , 101, 121801	7.4	42
523	Measurement of the [Formula: see text] production cross-section in proton-proton collisions via the decay [Formula: see text]. <i>European Physical Journal C</i> , <b>2015</b> , 75, 311	4.2	41
522	Search for the doubly charmed baryon ( $\Xi_{cc}^{++}$ ). <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	41
521	Measurements of the $B^0 \rightarrow J/\psi$ decay amplitudes and the $B^0$ polarisation in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 724, 27-35	4.2	41
520	Observation of the $B_c$ baryon and measurement of the properties of the $B_c$ and $B_c$ baryons. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	41
519	Measurements of direct CP violating asymmetries in charmless decays of strange bottom mesons and bottom baryons. <i>Physical Review Letters</i> , <b>2011</b> , 106, 181802	7.4	41
518	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> , <b>2006</b> , 97, 171802	7.4	41
517	Observation of s-channel production of single top quarks at the Tevatron. <i>Physical Review Letters</i> , <b>2014</b> , 112, 231803	7.4	40
516	Study of orbitally excited B mesons and evidence for a new $B_c$ resonance. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	40
515	Observation of new charmless decays of bottom hadrons. <i>Physical Review Letters</i> , <b>2009</b> , 103, 031801	7.4	40
514	Combination of CDF and D0 W-Boson mass measurements. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	39
513	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> , <b>2007</b> , 98, 221803	7.4	39
512	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> , <b>2005</b> , 95, 252001	7.4	39
511	Measurement of the top-quark mass with dilepton events selected using neuroevolution at CDF. <i>Physical Review Letters</i> , <b>2009</b> , 102, 152001	7.4	38
510	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> , <b>2011</b> , 106, 241801	7.4	38

509	Measurement of $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ at the collider detector at Fermilab. <i>Physical Review Letters</i> , <b>2005</b> , 95, 102002	7.4	38
508	Search for new physics using high-mass tau pairs from 1.96 TeV pp collisions. <i>Physical Review Letters</i> , <b>2005</b> , 95, 131801	7.4	38
507	Production of $\chi_{c2}$ mesons in pp collisions at 1.96 TeV. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	37
506	Measurement of the forward-backward asymmetry in the $B \rightarrow K^*(\chi_c)$ decay and first observation of the $B(s)0 \rightarrow \chi_c(\chi_c)$ decay. <i>Physical Review Letters</i> , <b>2011</b> , 106, 161801	7.4	37
505	Measurements of the angular distributions of muons from $\chi_c$ decays in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 151802	7.4	37
504	Search for resonant $t\bar{t}$ production in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2008</b> , 100, 231801	7.4	37
503	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> , <b>2006</b> , 73,	4.9	37
502	Direct search for Dirac magnetic monopoles in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 96, 201801	7.4	37
501	First measurement of the W-boson mass in run II of the Tevatron. <i>Physical Review Letters</i> , <b>2007</b> , 99, 151801	7.4	37
500	Measurement of the b-Quark Production Cross Section in 7 and 13 TeV pp Collisions. <i>Physical Review Letters</i> , <b>2017</b> , 118, 052002	7.4	36
499	First observation of the decay $(B_c^+ \rightarrow J/\psi K^+)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	36
498	Precision top-quark mass measurement at CDF. <i>Physical Review Letters</i> , <b>2012</b> , 109, 152003	7.4	36
497	Measurement of Lifetime and Decay-Width Difference in $B_{s;0} \rightarrow J/\psi \varphi$ Decays. <i>Physical Review Letters</i> , <b>2008</b> , 100, 121803	7.4	36
496	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> , <b>2005</b> , 94, 122001	7.4	36
495	Measurement of $B_c^+$ Production in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , <b>2015</b> , 114, 132001	7.4	35
494	Measurement of [Formula: see text] polarisation in [Formula: see text] collisions at [Formula: see text] = 7 TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2872	4.2	35
493	Observation of two new $\chi_{b(-)}$ baryon resonances. <i>Physical Review Letters</i> , <b>2015</b> , 114, 062004	7.4	35
492	Inclusive search for standard model Higgs boson production in the WW decay channel using the CDF II detector. <i>Physical Review Letters</i> , <b>2010</b> , 104, 061803	7.4	35

- 491 First search for multijet resonances in  $\sqrt{s} = 1.96$  TeV pp collisions. *Physical Review Letters*, **2011**, 107, 042001 7-4 35
- 490 Measurement of forward W and Z boson production in pp collisions at  $s = 8 \sqrt{s} = 8$  TeV. *Journal of High Energy Physics*, **2016**, 2016, 5-4 34
- 489 Quantum numbers of the X(3872) state and orbital angular momentum in its  $DJ/\psi$  decay. *Physical Review D*, **2015**, 92, 4-9 34
- 488 Measurement of  $D^0$ - $\bar{D}^0$  mixing parameters and search for CP violation using  $D^0 \rightarrow K^+ \pi^-$  decays. *Physical Review Letters*, **2013**, 111, 251801 7-4 34
- 487 Top quark mass measurement in the lepton + jets channel using a matrix element method and in situ jet energy calibration. *Physical Review Letters*, **2010**, 105, 252001 7-4 34
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- 485 Combination of CDF and  $D^0$  measurements of the W boson helicity in top quark decays. *Physical Review D*, **2012**, 85, 4-9 34
- 484 Limits on the production of narrow  $tt$  resonances in pp collisions at  $\sqrt{s} = 1.96$  TeV. *Physical Review D*, **2008**, 77, 4-9 34
- 483 Measurement of the cross section for  $tt$  production in pp collisions using the kinematics of lepton+jet events. *Physical Review D*, **2005**, 72, 4-9 34
- 482 Measurement of the CP-violating phase  $\gamma_s$  in  $B_s^0 \rightarrow J/\psi \pi^0$  decays. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2014**, 736, 186-195 4-2 33
- 481 Measurement of the CKM angle  $\Gamma$  from a combination of  $B_{\mu}^{\pm} \rightarrow D h^{\pm}$  analyses. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2013**, 726, 151-163 4-2 33
- 480 Study of  $\chi_{c1}(\text{b})$  meson production in  $p p$  collisions at  $\sqrt{s} = 7$  and  $8$  TeV. *European Physical Journal C*, **2014**, 74, 4-2 33
- 479 Search for Higgs bosons predicted in two-Higgs-doublet models via decays to tau lepton pairs in 1.96 TeV pp collisions. *Physical Review Letters*, **2009**, 103, 201801 7-4 33
- 478 Measurement of the inclusive jet cross section using the kT algorithm in pp collisions at  $(\sqrt{s}) = 1.96$  TeV. *Physical Review Letters*, **2006**, 96, 122001 7-4 33
- 477 Observation of WZ production. *Physical Review Letters*, **2007**, 98, 161801 7-4 33
- 476 Search for [corrected]  $B^0(s) \rightarrow \mu^+ \mu^-$  and  $B^0(d)$  [corrected]  $\rightarrow \mu^+ \mu^-$  decays in pp collisions with CDF II. *Physical Review Letters*, **2005**, 95, 221805 7-4 33
- 475 Measurement of the cross section for prompt diphoton production in pp collisions at square root of  $s = 1.96$  TeV. *Physical Review Letters*, **2005**, 95, 022003 7-4 33
- 474 Identification of beauty and charm quark jets at LHCb. *Journal of Instrumentation*, **2015**, 10, P06013-P06013 32

473	Measurement of the [Formula: see text] meson lifetime using [Formula: see text] decays. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2839	4.2	32
472	Precision measurement of the $\bar{B}(0)$ baryon lifetime. <i>Physical Review Letters</i> , <b>2013</b> , 111, 102003	7.4	32
471	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> , <b>2010</b> , 104, 131801	7.4	32
470	Measurement of resonance parameters of orbitally excited narrow B0 mesons. <i>Physical Review Letters</i> , <b>2009</b> , 102, 102003	7.4	32
469	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> , <b>2008</b> , 100, 091803	7.4	32
468	Search for electroweak single-top-quark production in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	32
467	Measurements of long-range near-side angular correlations in sNN=5TeV proton-lead collisions in the forward region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 762, 473-483	4.2	32
466	Measurement of the relative rate of prompt $\bar{t}0$ , $\bar{t}1$ and $\bar{t}2$ production at ( sqrt{s}=7 ) TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	31
465	Measurement of the forward Z boson production cross-section in pp collisions at ( sqrt{s}=7 ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	31
464	Measurement of the flavour-specific CP-violating asymmetry . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 607-615	4.2	31
463	Search for supersymmetry with gauge-mediated breaking in diphoton events with missing transverse energy at CDF II. <i>Physical Review Letters</i> , <b>2010</b> , 104, 011801	7.4	31
462	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> , <b>2010</b> , 82,	4.9	31
461	Search for the decays $B_{(s)}^{0} \rightarrow e^{+} \mu^{-}$ and $B_{(s)}^{0} \rightarrow e^{+} e^{-}$ in CDF run II. <i>Physical Review Letters</i> , <b>2009</b> , 102, 201801	7.4	31
460	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> , <b>2005</b> , 72,	4.9	31
459	Evidence for B0 s->phipi decay and measurements of branching ratio and A(CP) for B+ ->phiK+. <i>Physical Review Letters</i> , <b>2005</b> , 95, 031801	7.4	31
458	Study of the kinematic dependences of $\bar{D} b$ production in pp collisions and a measurement of the $\bar{D} b \rightarrow \bar{c} \bar{D}$ branching fraction. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	30
457	Search for D(s)+->K and D(s)+->K decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 724, 203-212	4.2	30
456	First observation and amplitude analysis of the $B\bar{B} \rightarrow D+K$ decay. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	30

455	Precision measurement of the mass and lifetime of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , <b>2014</b> , 113, 032001	7.4	30
454	Measurement of W-boson polarization in Top-Quark Decay in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2010</b> , 105, 042002	7.4	30
453	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> , <b>2009</b> , 103, 101802	7.4	30
452	Observation of exclusive $\Lambda_b$ production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 081801	7.4	30
451	Model-independent and quasi-model-independent search for new physics at CDF. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	30
450	Search for heavy toptlike quarks using lepton plus jets events in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , <b>2008</b> , 100, 161803	7.4	30
449	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> , <b>2006</b> , 96, 022004	7.4	30
448	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> , <b>2006</b> , 74,	4.9	30
447	Measurement of $W\gamma$ and $Z\gamma$ production in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2005</b> , 94, 041803	7.4	30
446	Observation of the $\Lambda_b \rightarrow J/\psi \Lambda$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	29
445	Observation of photon polarization in the $b \rightarrow s \gamma$ transition. <i>Physical Review Letters</i> , <b>2014</b> , 112, 161801	7.4	29
444	Search for direct CP violation in $B \rightarrow K^* \ell^+ \ell^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 723, 33-43	4.2	29
443	Measurement of the differential branching fraction of the decay $B \rightarrow K^* \ell^+ \ell^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 725, 25-35	4.2	29
442	Measurement of the leptonic asymmetry in $t\bar{t}$ events produced in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	29
441	Measurement of the semileptonic CP asymmetry in $B_0 - \bar{B}_0$ mixing. <i>Physical Review Letters</i> , <b>2015</b> , 114, 041601	7.4	28
440	Observation of the decay $B_c \rightarrow \psi(2S) \Lambda_c$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	28
439	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> , <b>2010</b> , 82,	4.9	28
438	Search for a heavy toptlike quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 261801	7.4	28

437	Strong evidence for ZZ production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2008</b> , 100, 201801	7.4	28
436	Search for high-mass resonances decaying to $e\mu$ in pp collisions at square root = 1.69 TeV. <i>Physical Review Letters</i> , <b>2006</b> , 96, 211802	7.4	28
435	Search for new particles leading to Z+jets final states in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	28
434	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=1.96$ TeV using kinematic fitting of b-tagged lepton+jet events. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	28
433	Study of ( $\varDelta$ ) production and cold nuclear matter effects in pPb collisions at ( $\sqrt{s_{NN}}$ ) = 5 TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	27
432	Searches for violation of lepton flavour and baryon number in tau lepton decays at LHCb. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 724, 36-45	4.2	27
431	Direct measurement of the total decay width of the top quark. <i>Physical Review Letters</i> , <b>2013</b> , 111, 202001	7.4	27
430	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> , <b>2010</b> , 104, 251801	7.4	27
429	Searches for direct pair production of supersymmetric top and supersymmetric bottom quarks in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	27
428	Measurement of the moments of the hadronic invariant mass distribution in semileptonic B decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	27
427	Search for long-lived doubly charged Higgs bosons in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2005</b> , 95, 071801	7.4	27
426	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2015</b> , 75, 152	4.2	26
425	Precision measurement of the mass and lifetime of the $\Lambda_b^0$ baryon. <i>Physical Review Letters</i> , <b>2014</b> , 113, 242002	7.4	26
424	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> , <b>2010</b> , 104, 241801	7.4	26
423	Measurement of cross sections for b jet production in events with a Z boson in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	26
422	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $s=1.96$ TeV using the CDF detector. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	26
421	Search for high mass resonances decaying to muon pairs in $\sqrt{s}=1.96$ TeV pp collisions. <i>Physical Review Letters</i> , <b>2011</b> , 106, 121801	7.4	26
420	Measurement of ratios of fragmentation fractions for bottom hadrons in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	26

419	Precision measurement of the top-quark mass from dilepton events at CDF II. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	26
418	Measurement of the phase difference between short- and long-distance amplitudes in the $[B \rightarrow D]_{CP}$ decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 161	4.2	25
417	Measurement of the Difference of Time-Integrated CP Asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 116, 191601	7.4	25
416	First measurement of time-dependent CP violation in $(B_s^0 \rightarrow [K^+][K^-])$ decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	25
415	Model-independent confirmation of the $Z(4430)$ state. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	25
414	Measurement of the lifetime of the $B_c^+$ meson using the $B_c^+ \rightarrow J/\psi$ decay mode. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 742, 29-37	4.2	25
413	Studies of beauty baryon decays to $D^0 p$ and $\bar{D}^0 n$ final states. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	25
412	Search for the lepton-flavor-violating decays $B(s)0 \rightarrow e(\mu)\tau$ and $B0 \rightarrow e(\mu)\tau$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 141801	7.4	25
411	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> , <b>2013</b> , 111, 031802	7.4	25
410	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> , <b>2010</b> , 81,	4.9	25
409	Search for the standard model Higgs boson decaying to a $b\bar{b}$ pair in events with two oppositely charged leptons using the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 111803	7.4	25
408	Search for the standard model Higgs boson decaying to a $b\bar{b}$ pair in events with one charged lepton and large missing transverse energy using the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 111804	7.4	25
407	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> , <b>2005</b> , 94, 101802	7.4	25
406	Production of associated $\Upsilon$ and open charm hadrons in pp collisions at $(\sqrt{s}=7)$ and 8 TeV via double parton scattering. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	25
405	Measurement of the CP -violating phase $\arg(B0 \rightarrow J/\psi)$ decays and limits on penguin effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 742, 38-49	4.2	24
404	First observation of a baryonic $B_c^+$ decay. <i>Physical Review Letters</i> , <b>2014</b> , 113, 152003	7.4	24
403	Evidence for a bottom baryon resonance $\bar{B}^*0$ in CDF data. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	24
402	Measurement of the $\Lambda_b^0$ lifetime in $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ decays in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2010</b> , 104, 102002	7.4	24



401	Search for a fermiophobic Higgs boson decaying into diphotons in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 103, 061803	7.4	24
400	Measurement of polarization and search for CP violation in $B(s)0 \rightarrow \mu\mu$ decays. <i>Physical Review Letters</i> , <b>2011</b> , 107, 261802	7.4	24
399	Limits on anomalous trilinear gauge couplings in Z events from pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 051802	7.4	24
398	Observation of the $(b)0$ baryon. <i>Physical Review Letters</i> , <b>2011</b> , 107, 102001	7.4	24
397	Measurement of the mass difference between t and t quarks. <i>Physical Review Letters</i> , <b>2011</b> , 106, 152001	7.4	24
396	Transverse momentum cross section of e+e pairs in the Z-boson region from pp collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	24
395	Measurement of the WZ cross section and triple gauge couplings in pp collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	24
394	Measurement of the helicity fractions of W bosons from top quark decays using fully reconstructed tt events with CDF II. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	24
393	Measurement of the top-quark mass in all-hadronic decays in pp collisions at CDF II. <i>Physical Review Letters</i> , <b>2007</b> , 98, 142001	7.4	24
392	Precise measurement of the top-quark mass in the lepton+jets topology at CDF II. <i>Physical Review Letters</i> , <b>2007</b> , 99, 182002	7.4	24
391	Search for first-generation scalar leptoquarks in pp collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	24
390	Measurement of $\Upsilon$ production in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74,	4.2	23
389	Search for the rare decay $D0 \rightarrow \mu\mu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 725, 15-24	4.2	23
388	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> , <b>2015</b> , 115, 152003	7.4	23
387	Measurements of direct CP-violating asymmetries in charmless decays of bottom baryons. <i>Physical Review Letters</i> , <b>2014</b> , 113, 242001	7.4	23
386	Measurement of the ratio of $Bc^+$ branching fractions to $J/\psi$ and $J/\psi$ final states. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	23
385	Search for Higgs bosons produced in association with b quarks. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	23
384	Search for the production of scalar bottom quarks in pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , <b>2010</b> , 105, 081802	7.4	23

383	Diffractive W and Z production at the Fermilab Tevatron. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	23
382	Direct top-quark width measurement at CDF. <i>Physical Review Letters</i> , <b>2010</b> , 105, 232003	7.4	23
381	Measurement of b hadron lifetimes in exclusive decays containing a $J/\psi$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 106, 121804	7.4	23
380	Search for New $T'$ particles in final states with large jet multiplicities and missing transverse energy in p p collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 191803	7.4	23
379	Search for production of heavy particles decaying to top quarks and invisible particles in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 106, 191801	7.4	23
378	Measurement of the $pp \rightarrow tt$ production cross section and the top quark mass at $s=1.96$ TeV in the all-hadronic decay mode. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	23
377	Measurement of $(pp \rightarrow Z)\mathcal{B}(Z \rightarrow \mu\mu)$ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	23
376	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> , <b>2005</b> , 94, 211801	7.4	23
375	Measurement of the CKM angle $\Gamma$ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	23
374	Search for the lepton flavour violating decay $\mu \rightarrow e \gamma$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	22
373	Search for Violations of Lorentz Invariance and CPT Symmetry in $B_{(s)}$ Mixing. <i>Physical Review Letters</i> , <b>2016</b> , 116, 241601	7.4	22
372	Measurements of the $B^+$ , $B^0$ , $B_s^0$ meson and $\Lambda_b^0$ baryon lifetimes. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014,	5.4	22
371	Measurement of the $B^0 \rightarrow K^* e^+ e^-$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	22
370	Measurement of CP Violation in $B^0 \rightarrow J/\psi K_S^0$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 031601	7.4	22
369	Measurement of the forward-backward asymmetry in $Z/\gamma \rightarrow \mu^+ \mu^-$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	22
368	Measurement of the $B^0 \bar{B}^0$ and $B_s^0 \bar{B}_s^0$ production asymmetries in pp collisions at $s=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 739, 218-228	4.2	22
367	Measurement of the inclusive leptonic asymmetry in top-quark pairs that decay to two charged leptons at CDF. <i>Physical Review Letters</i> , <b>2014</b> , 113, 042001	7.4	22
366	Measurement of the masses and widths of the bottom baryons $\Lambda_b$ and $\Lambda_b^*$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	22

365	Top quark mass measurement using the template method at CDF. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	22
364	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> , <b>2009</b> , 102, 041801	7.4	22
363	Search for a new heavy gauge boson $W'$ with event signature electron+missing transverse energy in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	22
362	Evidence for $t\bar{t}$ production and measurement of $\sigma(t\bar{t})$ <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	22
361	Combined search for the standard model Higgs boson decaying to a bb pair using the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 111802	7.4	22
360	Measurement of correlated $b\bar{b}$ production in pp collisions at $\sqrt{s}=1.96$ GeV. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	22
359	Top quark mass measurement from dilepton events at CDF II with the matrix-element method. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	22
358	Measurement of the Lambda $b_0$ lifetime in Lambda $b_0 \rightarrow J/\psi$ Lambda 0 in pp collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 122001	7.4	22
357	Forward production of mesons in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	21
356	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , <b>2014</b> , 112,	7.4	21
355	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> , <b>2013</b> , 111, 042003	7.4	21
354	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> , <b>2013</b> , 111, 182002	7.4	21
353	Measurement of the WW + WZ production cross section using the lepton + jets final state at CDF II. <i>Physical Review Letters</i> , <b>2010</b> , 104, 101801	7.4	21
352	Measurement of the top quark mass in the dilepton channel using $m_{T2}$ at CDF. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	21
351	Measurements of branching fraction ratios and CP asymmetries in $B \rightarrow DCPK$ decays in hadron collisions. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	21
350	Study of substructure of high transverse momentum jets produced in proton-antiproton collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	21
349	Top-quark mass measurement from dilepton events at CDF II. <i>Physical Review Letters</i> , <b>2006</b> , 96, 152002	7.4	21
348	Search for V+A current in top-quark decays in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 072001	7.4	21

347	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> , <b>2005</b> , 71,	4.9	21
346	Search for second-generation scalar leptoquarks in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	21
345	Measurement of charged particle multiplicities and densities in [Formula: see text] collisions at [Formula: see text]TeV in the forward region. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2888	4.2	20
344	Observation of the decay $(B_c^{+}) \rightarrow J/\psi + K^{\pm}$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	20
343	Angular analysis of the $B^0 \rightarrow K^*0 e^+ e^-$ decay in the low- $q^2$ region. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	20
342	Study of forward Z + jet production in $pp$ collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	20
341	Observation of $D^0$ mixing using the CDF II detector. <i>Physical Review Letters</i> , <b>2013</b> , 111, 231802	7.4	20
340	Observation of the production of a W boson in association with a single charm quark. <i>Physical Review Letters</i> , <b>2013</b> , 110, 071801	7.4	20
339	Study of the associated production of photons and b-quark jets in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	20
338	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> , <b>2011</b> , 83,	4.9	20
337	Measurement of ZZ production in leptonic final states at $\sqrt{s}$ of 1.96 TeV at CDF. <i>Physical Review Letters</i> , <b>2012</b> , 108, 101801	7.4	20
336	Search for W? boson decaying to electron-neutrino pairs in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	20
335	Search for heavy long-lived particles that decay to photons at CDF II. <i>Physical Review Letters</i> , <b>2007</b> , 99, 121801	7.4	20
334	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> , <b>2006</b> , 73,	4.9	20
333	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> , <b>2006</b> , 74,	4.9	20
332	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> , <b>2015</b> , 91,	4.9	19
331	Model-independent search for CP violation in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 623-633	4.2	19
330	Measurement of the CKM angle $\Gamma$ using $B^{\pm} \rightarrow DK^{\pm}$ with $D \rightarrow K^0 S^{\pm} \mp \bar{K}^0 S^{\pm} K^{\pm}$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	19

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328	Search for the supersymmetric partner of the top quark in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	19
327	Measurements of the top-quark mass using charged particle tracking. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	19
326	Search for a Higgs boson decaying to two W bosons at CDF. <i>Physical Review Letters</i> , <b>2009</b> , 102, 021802	7.4	19
325	Search for new dielectron resonances and Randall-Sundrum gravitons at the collider detector at Fermilab. <i>Physical Review Letters</i> , <b>2011</b> , 107, 051801	7.4	19
324	Measurement of $\sigma(\Lambda_b^0)/\sigma(B^0) \times B(\Lambda_b^0 \rightarrow \Lambda^0 c + \pi^-)/B(B^0 \rightarrow D^+ \pi^-)$ in $pp$ collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 122002	7.4	19
323	Search for high-mass diphoton states and limits on Randall-Sundrum gravitons at CDF. <i>Physical Review Letters</i> , <b>2007</b> , 99, 171801	7.4	19
322	Publisher's Note: Measurement of the inclusive jet cross section using the $k_T$ algorithm in $pp$ collisions at $\sqrt{s}=1.96$ TeV with the CDF II detector [Phys. Rev. D 75, 092006 (2007)]. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	19
321	Observation of the Annihilation Decay Mode $B^0 \rightarrow K^+ K^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 081801	7.4	18
320	Measurement of the CP Asymmetry in $B_{\text{s}}^0$ - $B_{\text{s}}^0$ Mixing. <i>Physical Review Letters</i> , <b>2016</b> , 117, 061803	7.4	18
319	Searches for $(\Lambda_b^0)$ and $(\Xi_b^0)$ decays to $(K_{\text{S}}^0 p \pi^{\pm})$ and $(K_{\text{S}}^0 p K^{\pm})$ final states with first observation of the $(\Lambda_b^0 \text{ to } K_{\text{S}}^0 p \pi^{\pm})$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	18
318	Angular analysis of charged and neutral $B \rightarrow K^* \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	18
317	Mass and lifetime measurements of bottom and charm baryons in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	18
316	Measurements of indirect CP asymmetries in $D^0 \rightarrow K^- K^+$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 041801	7.4	18
315	First observation of vector boson pairs in a hadronic final state at the tevatron collider. <i>Physical Review Letters</i> , <b>2009</b> , 103, 091803	7.4	18
314	Search for the rare decays $B^+ \rightarrow \mu^+ \mu^+$ , $B^0 \rightarrow \mu^+ \mu^-$ and $B_s^0 \rightarrow \mu^+ \mu^-$ at CDF. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	18
313	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> , <b>2009</b> , 79,	4.9	18
312	Observation of the decay $B_s^0 \rightarrow \mu^+ \mu^-$ and evidence for $B^0 \rightarrow \mu^+ \mu^-$ <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	17

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- 309 Measurement of the CP-violating phase  $\phi_s$  in  $B_s(0) \rightarrow D_s(+)-D_s(-)$  decays. *Physical Review Letters*, **2014**, 113, 211801 7.4 17
- 308 Observation of  $B(s)(0) \rightarrow J/\psi(1285)$  decays and measurement of the  $\phi(1285)$  mixing angle. *Physical Review Letters*, **2014**, 112, 091802 7.4 17
- 307 Measurement of the  $\Upsilon(3P)$  mass and of the relative rate of  $\Upsilon(1P)$  and  $\Upsilon(2(1P))$  production. *Journal of High Energy Physics*, **2014**, 2014, 1 5.4 17
- 306 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. *Physical Review Letters*, **2010**, 105, 191801 7.4 17
- 305 First observation of  $B(s)(0) \rightarrow D(s)(+/-)K(-/+)$  and measurement of the ratio of branching fractions  $B(B(s)(0) \rightarrow D(s)(+/-)K(-/+))/B(B(s)(0) \rightarrow D(s)(+)\pi(-))$ . *Physical Review Letters*, **2009**, 103, 191802 7.4 17
- 304 Measurement of W-boson helicity fractions in top-quark decays using  $\cos\theta$ . *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2009**, 674, 160-167 4.2 17
- 303 Diffractive dijet production in  $p\bar{p}$  collisions at  $s=1.96$  TeV. *Physical Review D*, **2012**, 86, 4.9 17
- 302 Search for a neutral Higgs boson decaying to a W boson pair in pp collisions at square root of  $s = 1.96$  TeV. *Physical Review Letters*, **2006**, 97, 081802 7.4 17
- 301 Measurement of the helicity of W bosons in top-quark decays. *Physical Review D*, **2006**, 73, 4.9 17
- 300 Observations of  $\Upsilon(b) \rightarrow \bar{K} + b$  and  $\Upsilon(b) \rightarrow \bar{K} + K + b$  decays and searches for other  $\Upsilon(b)$  and  $\Upsilon(b)$  decays to  $\bar{B} + h^0$  final states. *Journal of High Energy Physics*, **2016**, 2016, 1 5.4 17
- 299 Study of  $B_c^+$  decays to the  $K+K^0$  final state and evidence for the decay  $B_c^+ \rightarrow \bar{D}^0$ . *Physical Review D*, **2016**, 94, 4.9 17
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- 295 Evidence for the decay  $(\text{B}_{\text{c}}^+ \rightarrow \{\text{J}^0 \text{ left/} \{\{\text{uppsi}^+\}^2 \text{uppsi}^-\}\} \text{ right.})$ . *Journal of High Energy Physics*, **2014**, 2014, 1 5.4 16
- 294 Indirect measurement of  $\sin 2\beta$  (or  $M_W$ ) using  $\bar{B}$  pairs from  $\bar{B}/Z$  bosons produced in  $p\bar{p}$  collisions at a center-of-momentum energy of 1.96 TeV. *Physical Review D*, **2014**, 89, 4.9 16

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291	Precise measurement of the W-boson mass with the Collider Detector at Fermilab. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	16
290	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	16
289	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> , <b>2012</b> , 2012, 1	5.4	16
288	Observations of $\Lambda(1520)$ . <i>Nuclear Physics B</i> , <b>2013</b> , 871, 403-419	2.8	16
287	Measurement of the branching fractions of the decays $B_s^0 \rightarrow D^0 K^+ \pi^-$ and $B^0 \rightarrow D^0 K^+ \pi^-$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	16
286	Measurement of the cross section for prompt isolated diphoton production using the full CDF run II data sample. <i>Physical Review Letters</i> , <b>2013</b> , 110, 101801	7.4	16
285	Search for $B_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ decays with the full CDF Run II data set. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	16
284	Exclusion of exotic top-like quarks with $2/3$ electric charge using jet-charge tagging in single-lepton $t\bar{t}$ events at CDF. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	16
283	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	16
282	Search for resonant production of $t\bar{t}$ pairs in 4.8 $\text{fb}^{-1}$ of integrated luminosity of $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	16
281	First measurement of the ratio of branching fractions $B(B^0 \rightarrow \bar{c} + \pi^0)/B(B^0 \rightarrow \bar{c} + \pi^+)$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	16
280	Search for new physics in high $p_T$ like-sign dilepton events at CDF II. <i>Physical Review Letters</i> , <b>2011</b> , 107, 181801	7.4	16
279	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	16
278	Search for new color-octet vector particle decaying to $WZ$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 691, 183-190	4.2	16
277	Limits on anomalous triple gauge couplings in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	16
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273	Search for CP violation in the decay $B_{\bar{d}} \rightarrow D_{\bar{d}} K_{\bar{d}}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 585-595	4.2	15
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271	Bflavour tagging using charm decays at the LHCb experiment. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P10005-P10005		
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269	First measurement of the charge asymmetry in beauty-quark pair production. <i>Physical Review Letters</i> , <b>2014</b> , 113, 082003	7.4	15
268	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> , <b>2012</b> , 714, 24-31	4.2	15
267	Measurement of the polarization amplitudes in $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	15
266	Measurement of the $B_c$ meson lifetime in the decay $B_c \rightarrow J/\psi$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	15
265	Search for resonant top-antitop production in the lepton plus jets decay mode using the full CDF data set. <i>Physical Review Letters</i> , <b>2013</b> , 110, 121802	7.4	15
264	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> , <b>2010</b> , 81,	4.9	15
263	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> , <b>2009</b> , 102, 042001	7.4	15
262	Top quark mass measurement in the lepton plus jets channel using a modified matrix element method. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	15
261	Measurement of the cross section for prompt isolated diphoton production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	15
260	Measurements of branching fraction ratios and CP-asymmetries in suppressed $B_{\bar{d}} \rightarrow D(-\rightarrow K^+) K_{\bar{d}}$ and $B_{\bar{d}} \rightarrow D(-\rightarrow K^+) K_{\bar{d}}$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	15
259	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> , <b>2012</b> , 108, 201802	7.4	15
258	Measurement of $B_{s^0} \rightarrow D_{s^*} + D_{s^*}^-$ branching ratios. <i>Physical Review Letters</i> , <b>2012</b> , 108, 201801	7.4	15



257	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> , <b>2008</b> , 101, 071802	7.4	15
256	First observation of the decay $B_s^0 \rightarrow D_s^- D_s^+$ and measurement of its branching ratio. <i>Physical Review Letters</i> , <b>2008</b> , 100, 021803	7.4	15
255	Cross-section-constrained top-quark mass measurement from dilepton events at the Tevatron. <i>Physical Review Letters</i> , <b>2008</b> , 100, 062005	7.4	15
254	Measurement of mass and width of the excited charmed meson states $D_{10}$ and $D_2^*$ at CDF. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	15
253	Observation of $\Lambda_b^- \rightarrow \tau^+ \nu_\tau$ and $\Lambda_b^- \rightarrow J/\psi \tau^+ \nu_\tau$ decays and a measurement of the $\Lambda_b$ baryon mass. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	15
252	Measurement of the properties of the $\Lambda_b^0$ baryon. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016,	5.4	15
251	Precise measurements of the properties of the $B_1(5721)^{0,+}$ and $B^*(5747)^{0,+}$ states and observation of $B_{c1}$ mass structures. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	14
250	Measurement of indirect CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays using semileptonic B decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	14
249	Search for CP violation in $D^+ \rightarrow \tau^+ \nu_\tau$ and $(D_s^{*+} \rightarrow K_S^0 \pi^+)$ decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	14
248	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> , <b>2013</b> , 88,	4.9	14
247	Study of $B_{(s)}^0 \rightarrow K_{\text{charm}}^+ K_{\text{charm}}^{\prime-}$ decays with first observation of $B_s^0 \rightarrow K_{\text{charm}}^+ K_{\text{charm}}^{\prime-} \pi^+ \pi^-$ and $B_s^0 \rightarrow K_{\text{charm}}^+ \pi^+ \pi^-$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5.4	14
246	Observation of $B_{(s)}^0 \rightarrow \overline{B}_{(s)}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , <b>2013</b> , 73,	4.2	14
245	Observation of the suppressed ADS modes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 723, 44-53	4.2	14
244	Evidence for the Strangeness-Changing Weak Decay $\Lambda_b^- \rightarrow \Lambda_c^0 \pi^-$ . <i>Physical Review Letters</i> , <b>2015</b> , 115, 241801	7.4	14
243	Evidence for CP violation in $B^+ \rightarrow \rho^+ \rho^0$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 141801	7.4	14
242	Measurement of the forward W boson cross-section in pp collisions at ( $\sqrt{s}=7$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	14
241	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> , <b>2012</b> , 717, 173-181	4.2	14
240	Combination of searches for the Higgs boson using the full CDF data set. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	14

239	First measurement of the CP-violating phase in $B_s(0) \rightarrow ??$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 110, 241802	4.9	14
238	First observation of $B_{D^*} \rightarrow J/\psi + K_{S,L}$ and search for $B_{D^*} \rightarrow J/\psi$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	14
237	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> , <b>2013</b> , 87,	4.9	14
236	Exclusion of an exotic top quark with $-4/3$ electric charge using soft lepton tagging. <i>Physical Review Letters</i> , <b>2010</b> , 105, 101801	7.4	14
235	Search for heavy metastable particles decaying to jet pairs in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	14
234	Search for heavy, long-lived neutralinos that decay to photons at CDF II using photon timing. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	14
233	Measurement of the ratios of branching fractions and. <i>Physical Review Letters</i> , <b>2006</b> , 96, 191801	7.4	14
232	Search for anomalous production of multilepton events in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 131804	7.4	14
231	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> , <b>2006</b> , 97, 191802	7.4	14
230	Search for the lepton-flavour violating decay $D_0 \rightarrow e\mu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 754, 167-175	4.2	14
229	High-precision measurement of the boson mass with the CDF II detector.. <i>Science</i> , <b>2022</b> , 376, 170-176	33.3	14
228	Study of the rare $B_{s0}$ and $B_0$ decays into the $\mu\mu$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 743, 46-55	4.2	13
227	Studies of the resonance structure in $D_0 \rightarrow K_S K_{S,L}$ decays. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	13
226	Observation of the decay $B_{s0} \rightarrow D_{S^*}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 727, 403-411	4.2	13
225	Observation of $B_{c^+} \rightarrow D^0 K^+$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 111803	7.4	13
224	Measurement of the inelastic $pp$ cross-section at a centre-of-mass energy of ( $\sqrt{s}$ ) = 7 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	13
223	Measurement of CP violation and constraints on the CKM angle $\sin\beta$ with $D \rightarrow K_S \mu\mu$ decays. <i>Nuclear Physics B</i> , <b>2014</b> , 888, 169-193	2.8	13
222	Evidence for s-channel single-top-quark production in events with one charged lepton and two jets at CDF. <i>Physical Review Letters</i> , <b>2014</b> , 112, 231804	7.4	13

221	Measurement of CP violation in $B_s^0 \rightarrow \tau\tau$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	13
220	Search for Gluino-Mediated Bottom Squark Production in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 221801	7.4	13
219	Measurement of the $t\bar{t}$ production cross section in 2 fb of $pp$ collisions at $\sqrt{s}=1.96$ TeV using lepton plus jets events with soft muon b tagging. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	13
218	Search for resonant production of $t\bar{t}$ decaying to jets in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	13
217	Search for the standard model Higgs Boson produced in association with top quarks using the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 181802	7.4	13
216	Search for third generation vector leptoquarks in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	13
215	Search for the Higgs boson in events with missing transverse energy and b quark jets produced in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2008</b> , 100, 211801	7.4	13
214	Measurement of the ratio of branching fractions $B(D^0 \rightarrow K^+ \pi^-) / B(D^0 \rightarrow K^0 \pi^0)$ using the CDF II detector. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	13
213	Measurement of the $t\bar{t}$ production cross section in $pp$ collisions at $\sqrt{s}=1.96$ TeV in the all hadronic decay mode. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	13
212	Measurement of the forward Z boson production cross-section in $pp$ collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	13
211	Measurement of CP violation parameters and polarisation fractions in ( $B_s^0 \rightarrow J/\psi K^0$ ) decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	12
210	Measurement of the $B_s(0) \rightarrow D_s^- D_s^+$ and $B_s(0) \rightarrow D^- D_s^+$ effective lifetimes. <i>Physical Review Letters</i> , <b>2014</b> , 112, 111802	7.4	12
209	A study of CP violation in $B_{\text{tag}}^0 \rightarrow DK_{\text{tag}}^0$ and $B_{\text{tag}}^0 \rightarrow D_{\text{tag}}^0$ decays with $D \rightarrow KS^0 K_{\text{tag}}^0$ final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 733, 36-45	4.2	12
208	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> , <b>2013</b> , 87,	4.9	12
207	Search for anomalous production of events with two photons and additional energetic objects at CDF. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	12
206	Measurement of the fraction of $t\bar{t}$ production via gluon-gluon fusion in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	12
205	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> , <b>2012</b> , 109, 111805	7.4	12
204	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> , <b>2012</b> , 108, 181804	7.4	12

203	Search for standard model Higgs bosons produced in association with W bosons. <i>Physical Review Letters</i> , <b>2008</b> , 100, 041801	7.4	12
202	Measurement of the top quark mass in pp collisions at $\sqrt{s}=1.96$ TeV using the decay length technique. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	12
201	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> , <b>2007</b> , 98, 061802	7.4	12
200	Observation of the $B_{0s} \rightarrow \eta'$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 759, 282-292	4.2	12
199	Measurement of CP asymmetry in $D_{0s} \rightarrow K^* K^+$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 767, 177-187	4.2	11
198	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^* K^+ \pi^-$ in the $K^*_{0,2}(1430)^0$ region. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	11
197	Model-independent measurement of mixing parameters in $D_{0s} \rightarrow K^* K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016,	5.4	11
196	Measurement of the branching fraction ratio $B(B_{c^+} \rightarrow \eta' D^+ S^0)/B(B_{c^+} \rightarrow J/\psi D^+)$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	11
195	Measurement of the time-integrated CP asymmetry in $D_{0s} \rightarrow K^* K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	11
194	Measurement of CP violation parameters in $B_{0s} \rightarrow D^* K^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	11
193	Measurement of indirect CP-violating asymmetries in $D_{0s} \rightarrow K^* K^0$ and $D_{0s} \rightarrow \eta' K^0$ decays at CDF. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	11
192	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> , <b>2014</b> , 112, 221801	7.4	11
191	Search for high-mass resonances decaying into ZZ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	11
190	Measurement of the CP asymmetry in $B^+ \rightarrow K^+ \eta'(\eta)$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 111, 151801	7.4	11
189	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> , <b>2013</b> , 88,	4.9	11
188	Studies of the decays $B^+ \rightarrow \rho^+ \pi^0$ and observation of $B^+ \rightarrow \rho(1520)^+ \pi^0$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	11
187	Top-quark mass measurement in events with jets and missing transverse energy using the full CDF data set. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	11
186	Measurement of event shapes in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	11

185	Measurement of the $t\bar{t}$ cross section in $pp$ collisions at $\sqrt{s}=1.96$ TeV using dilepton events with a lepton plus track selection. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	11
184	Measurement of the $B(s)0$ lifetime in fully and partially reconstructed $B(s)0 \rightarrow D(s)(-)(?)X$ decays in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 272001	7.4	11
183	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> , <b>2011</b> , 107, 031801	7.4	11
182	Measurements of the top-quark mass and the $t\bar{t}$ cross section in the hadronic $b$ jets decay channel at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 109, 192001	7.4	11
181	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> , <b>2012</b> , 108, 211805	7.4	11
180	Search for chargino-neutralino production in $pp$ collisions at $\sqrt{s}=1.96$ TeV with high- $p_T$ leptons. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	11
179	Direct measurement of the W Boson width in $pp$ collisions at square roots = 1.96 TeV. <i>Physical Review Letters</i> , <b>2008</b> , 100, 071801	7.4	11
178	Observation of $B(0)(s) \rightarrow \Psi(2S)\Phi$ and measurement of the ratio of branching fractions $\text{Beta}(B(0)(s) \rightarrow \Psi(2S)\Phi) / \text{Beta}(B(0)(s) \rightarrow J/\Psi\Phi)$ . <i>Physical Review Letters</i> , <b>2006</b> , 96, 231801	7.4	11
177	Search for scalar bottom quarks from gluino decays in collisions at. <i>Physical Review Letters</i> , <b>2006</b> , 96, 171802	7.4	11
176	Study of $\Psi(2S)$ production and cold nuclear matter effects in $pPb$ collisions at ( $\sqrt{s_{NN}}=5$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	10
175	First observation of the decay $D0 \rightarrow K\pi\pi$ in the $00$ region of the dimuon mass spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 757, 558-567	4.2	10
174	Measurement of the $B$ and $\bar{B}$ baryon lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 154-162	4.2	10
173	Measurement of the charge asymmetry in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 85-94	4.2	10
172	Measurement of the effective . <i>Nuclear Physics B</i> , <b>2013</b> , 873, 275-292	2.8	10
171	Observation of the suppressed decay $D b \rightarrow p\pi\pi$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	10
170	Search for the decay ( $B_s^0 \rightarrow \overline{D}^0 F_0(980)$ ). <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	10
169	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> , <b>2014</b> , 113, 261804	7.4	10
168	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> , <b>2014</b> , 89,	4.9	10

167	Measurement of the $B_s^0$ meson lifetime in $Ds^+$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 172001	7.4	10
166	Observation of charmonium pairs produced exclusively in $pp$ collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2014</b> , 41, 115002	2.9	10
165	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	10
164	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> , <b>2010</b> , 104, 141801	7.4	10
163	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> , <b>2009</b> , 102, 232002	7.4	10
162	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> , <b>2009</b> , 79,	4.9	10
161	Measurement of the top pair production cross section in the lepton+jets channel using a jet flavor discriminant. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	10
160	Measurement of CP-violation asymmetries in $D^0 \rightarrow KS^0$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	10
159	Measurement of the top quark mass at CDF using the $\beta$ neutrino $\chi^2$ weighting template method on a lepton plus isolated track sample. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	10
158	Search for new physics in lepton+photon+X events with $929 \text{ pb}^{-1}$ of $pp$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	10
157	A new algorithm for identifying the flavour of $B^0$ mesons at LHCb. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P05010-P05010	1	10
156	Search for $B_c^+$ decays to the $pp\pi$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 759, 313-321	4.2	10
155	Determination of $\Gamma_{\text{had}}$ from charmless two-body decays of beauty mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 741, 1-11	4.2	9
154	Measurement of $\sin 2\beta_{\text{eff}}^{\text{lept}}$ using $e^+e^-$ pairs from $\mu/Z$ bosons produced in $pp$ collisions at a center-of-momentum energy of 1.96 TeV. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	9
153	Effective lifetime measurements in the $B_s^0 \rightarrow K^+ K^- B^0 \rightarrow K^+ \pi^-$ and $B_s^0 \rightarrow \pi^+ K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 446-454	4.2	9
152	Branching fraction and CP asymmetry of the decays $B^+ \rightarrow KS^0$ and $B^+ \rightarrow KS^0 K^+$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 646-655	4.2	9
151	Measurement of the time-dependent CP asymmetries in $B^0 \rightarrow J/\psi S^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	9
150	Observation of the $B^0 \rightarrow \pi\pi$ decay from an amplitude analysis of $B^0 \rightarrow (\pi^+\pi^-)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 747, 468-478	4.2	9

149	First search for exotic Z Boson decays into photons and neutral pions in hadron collisions. <i>Physical Review Letters</i> , <b>2014</b> , 112, 111803	7.4	9
148	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> , <b>2014</b> , 112, 231805	7.4	9
147	Measurement of the mass difference between top and antitop quarks. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	9
146	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> , <b>2010</b> , 105, 251802	7.4	9
145	Search for the associated production of the standard-model Higgs Boson in the all-hadronic channel. <i>Physical Review Letters</i> , <b>2009</b> , 103, 221801	7.4	9
144	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> , <b>2009</b> , 80,	4.9	9
143	First measurement of the fraction of top-quark pair production through gluon-gluon fusion. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	9
142	Measurement of b-jet shapes in inclusive jet production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	9
141	Two-particle momentum correlations in jets produced in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	9
140	Search for Higgs bosons decaying to $b\bar{b}$ and produced in association with W bosons in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 96, 081803	7.4	9
139	Search for chargino-neutralino production in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 99, 191806	7.4	9
138	A search for $t \rightarrow \bar{q}$ in $t\bar{t}$ production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 639, 172-178	4.2	9
137	Search for the suppressed decays $B^+ \rightarrow K^+ K^+ \bar{K}^0$ and $B^+ \rightarrow \mu^+ K^+ K^0$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 765, 307-316	4.2	8
136	Measurements of charm mixing and CP violation using $D^0 \rightarrow K^+ K^-$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	8
135	Study of $\bar{D}^0$ mixing from measurement of $B(s) \rightarrow J/\psi$ decay rates. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	8
134	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow K^*(892)^0$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	8
133	Search for the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 234-243	4.2	8
132	Observation of . <i>Nuclear Physics B</i> , <b>2013</b> , 874, 663-678	2.8	8

131	Study of the energy dependence of the underlying event in proton-antiproton collisions. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	8
130	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ branching fraction and search for the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	8
129	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. <i>European Physical Journal C</i> , <b>2015</b> , 75, 595	4.2	8
128	Search for CP violation in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	8
127	Measurement of the WW+WZ production cross section using a matrix element technique in lepton+jets events. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	8
126	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> , <b>2010</b> , 105, 131801	7.4	8
125	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> , <b>2011</b> , 698, 371-379	4.2	8
124	Search for standard model Higgs boson production in association with a W boson using a matrix element technique at CDF in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	8
123	Search for the standard model Higgs boson produced in association with a $W^\pm$ boson with 7.5 fb <sup>-1</sup> integrated luminosity at CDF. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	8
122	Cross section measurements of high-pT dilepton final-state processes using a global fitting method. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	8
121	Search for anomalous kinematics in tt dilepton events at CDF II. <i>Physical Review Letters</i> , <b>2005</b> , 95, 022001	7.4	8
120	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	8
119	Measurement of forward $W \rightarrow e\bar{\nu}$ production in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	8
118	Search for the CP-violating strong decays $D^0 \rightarrow \pi^+ \pi^-$ and $D^0(958) \rightarrow \pi^+ \pi^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 764, 233-240	4.2	7
117	Observation of the Decay $\Lambda_b^0 \rightarrow p K^+ K^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 071801	7.4	7
116	Measurement of the Z+b-jet cross-section in pp collisions at ( $\sqrt{s}$ ) = 7 TeV in the forward region. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	7
115	Measurement of differential production cross sections for Z/ $\gamma$ bosons in association with jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	7
114	Study of $D^*(*) + sJ$ mesons decaying to $D^* + K^0 S$ and $D^0 K +$ final states. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	7



113	Observation of the $B^0 \rightarrow J/\psi$ decay. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	7
112	Observation of associated production of a Z boson with a D meson in the forward region. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014,	5-4	7
111	First evidence for the two-body charmless baryonic decay $\Lambda_b^0 \rightarrow p \bar{K}^0$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5-4	7
110	First observation of the decay $(B_s^0 \rightarrow \phi \bar{K}^0)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	7
109	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	7
108	Search for the rare decays $B^0 \rightarrow J/\psi \pi^0$ and $B_s^0 \rightarrow J/\psi \pi^0$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	7
107	Observation of the $B(s)(0) \rightarrow \pi^0 \pi^0$ Decay. <i>Physical Review Letters</i> , <b>2015</b> , 115, 051801	7-4	7
106	Measurement of the top-quark mass in the all-hadronic channel using the full CDF data set. <i>Physical Review D</i> , <b>2014</b> , 90,	4-9	7
105	Measurement of the ZZ production cross section using the full CDF II data set. <i>Physical Review D</i> , <b>2014</b> , 89,	4-9	7
104	First observations of the rare decays $B^+ \rightarrow K^+ \pi^+ \pi^- \pi^0$ and $B^+ \rightarrow K^+ \pi^+ \pi^- \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	7
103	Measurement of Z production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4-9	7
102	Updated search for the flavor-changing neutral-current decay $D^0 \rightarrow \mu^+ \mu^-$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4-9	7
101	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> , <b>2011</b> , 84,	4-9	7
100	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon b-tagged events. <i>Physical Review D</i> , <b>2009</b> , 80,	4-9	7
99	Measurement of the B lifetime using a simulation free approach for trigger bias correction. <i>Physical Review D</i> , <b>2011</b> , 83,	4-9	7
98	Search for new heavy particles decaying to $ZZ \rightarrow \mu\mu\mu\mu, lljj$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 83,	4-9	7
97	Measurement of the cross section for prompt isolated diphoton production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 102003	7-4	7
96	Top-quark mass measurement using events with missing transverse energy and jets at CDF. <i>Physical Review Letters</i> , <b>2011</b> , 107, 232002	7-4	7

95	Novel inclusive search for the Higgs boson in the four-lepton final state at CDF. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	7
94	Search for exotic $S=2$ baryons in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	7
93	Measurement of the top-quark mass using missing ET+jets events with secondary vertex b-tagging at CDF II. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	7
92	Search for scalar leptoquark pairs decaying to $qq$ in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	7
91	Search for ZZ and ZW production in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	7
90	Search for new physics in lepton+photon+X events with 305 pb <sup>-1</sup> of $pp$ collisions at $[\text{square root of } s] = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 97, 031801	7.4	7
89	Measurement of the $B_{\mu}$ production asymmetry and the CP asymmetry in $B_{\mu} \rightarrow J/\psi K_{\mu}$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	6
88	Measurement of the $B_c$ production cross section in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	6
87	Measurement of the mass and lifetime of the $B_{\mu}$ baryon. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	6
86	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> , <b>2016</b> , 93,	4.9	6
85	Constraints on the unitarity triangle angle $\Gamma$ from Dalitz plot analysis of $B_0 \rightarrow DK + \mu$ decays. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	6
84	Searches for $(B_{(s)}^0 \rightarrow \{J/\psi p\} \overline{p})$ and $B^+ \rightarrow J/\psi (\overline{p}) \mu^+$ decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	6
83	Measurement of CP asymmetries and polarisation fractions in $(\{B\}_s^0 \rightarrow \{K\}^{\ast 0} \overline{K}^{\ast 0})$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	6
82	Search for the $\mu b \rightarrow \mu \nu$ and $\mu b \rightarrow \mu \nu$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	6
81	Observation of $B_{(s)}^0 \rightarrow \{K\}^{\ast \pm} \{K\}^{\mp}$ and evidence for $B_{(s)}^0 \rightarrow \{K\}^{\ast \pm} \{\pi\}^{\pm}$ decays. <i>New Journal of Physics</i> , <b>2014</b> , 16, 123001	2.9	6
80	Search for the decay $B_s^0 \rightarrow D^{\ast} \mu$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	6
79	Searches for the Higgs boson decaying to $W+W \rightarrow \mu\mu$ with the CDF II detector. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	6
78	Search for technicolor particles produced in association with a W Boson at CDF. <i>Physical Review Letters</i> , <b>2010</b> , 104, 111802	7.4	6

77	Measurement of the $t\bar{t}$ production cross section in $pp$ collisions at $s=1.96$ TeV using soft electron b-tagging. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	6
76	Search for narrow resonances lighter than $\eta$ mesons. <i>European Physical Journal C</i> , <b>2009</b> , 62, 319-326	4.2	6
75	Search for standard model Higgs boson production in association with a W boson using a neural network discriminant at CDF. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	6
74	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> , <b>2011</b> , 84,	4.9	6
73	A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C</i> , <b>2016</b> , 76, 412	4.2	6
72	Measurement of the CKM angle $\alpha$ using $B^0 \rightarrow DK^{*0}$ with $D \rightarrow K^0 S^0 \pi^{\pm}$ decays. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016,	5.4	6
71	Measurement of CP Violation in $B^0 \rightarrow D^{*+} D^{*-}$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 261801	7.4	6
70	Model-independent measurement of the CKM angle $\alpha$ using $B^0 \rightarrow DK^{*0}$ decays with $D \rightarrow K^0 S^0 \pi^{\pm}$ and $K^0 S^0 K^+ K^-$ . <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	6
69	Search for production of an $\eta(1S)$ 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> , <b>2015</b> , 91,	4.9	5
68	First Results of an Artificial Retina Processor Prototype. <i>EPJ Web of Conferences</i> , <b>2016</b> , 127, 00005	0.3	5
67	Observation of $B_{s^0} \rightarrow D^0 K_{S^0}^*$ and Evidence for $B_{s^0} \rightarrow D^0 K_{S^0}^{*0}$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 116, 161802	7.4	5
66	Observation of the $B^0 \rightarrow J/\psi K_S^0$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	5
65	Search for Resonances Decaying to Top and Bottom Quarks with the CDF Experiment. <i>Physical Review Letters</i> , <b>2015</b> , 115, 061801	7.4	5
64	Determination of the branching fractions of $B^0 \rightarrow D^0 K^+ K^-$ and $B^0 \rightarrow D^0 K^+ K^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	5
63	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> , <b>2014</b> , 89,	4.9	5
62	Production of $K_S^0$ , $K^*(892)$ and $\eta(1020)$ in minimum bias events and $K_S^0$ and $\eta$ in jets in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	5
61	Measurement of the $t\bar{t}$ production cross section with an in situ calibration of b-jet identification efficiency. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	5
60	Search for new physics in the $\mu e/\mu \tau$ channel with a low- $p_T$ lepton threshold at the Collider Detector at Fermilab. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	5

59	Search for a Higgs boson in the diphoton final state in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 011801	7-4	5
58	Search for the rare radiative decay $W \rightarrow \nu n$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	5
57	Search for anomalous production of multiple leptons in association with W and Z bosons at CDF. <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	5
56	Searching the inclusive $B \rightarrow T+b$ -quark signature for radiative top quark decay and non-standard-model processes. <i>Physical Review D</i> , <b>2009</b> , 80,	4-9	5
55	Measurement of the ratio of branching fractions ( $\frac{\mathcal{B}(\mathcal{B} \rightarrow \mathcal{C}^+ \rightarrow \mathcal{J} \nu_{\mathcal{C}})}{\mathcal{B}(\mathcal{B} \rightarrow \mathcal{K}^+ \rightarrow \mathcal{J} \nu_{\mathcal{B}})}$ ). <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	5
54	Measurement of forward $t\bar{t}$ , $W+bb$ and $W+cc$ production in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 767, 110-120	4-2	4
53	Observation of $[B \rightarrow D^* \nu]$ and $[B \rightarrow D^* \nu]$ decays. <i>European Physical Journal C</i> , <b>2017</b> , 77, 72	4-2	4
52	Limits on neutral Higgs boson production in the forward region in pp collisions at ( $\sqrt{s}=7$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	4
51	Measurement of the top-quark mass in the $t\bar{t}$ dilepton channel using the full CDF Run II data set. <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	4
50	Study of $B \rightarrow DK^*$ and $B \rightarrow D^* K^*$ decays and determination of the CKM angle $\phi_1$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	4
49	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow D^* \nu K^*$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	4
48	The artificial retina processor for track reconstruction at the LHC crossing rate. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, C03018-C03018	1	4
47	First measurement of the forward-backward asymmetry in bottom-quark pair production at high mass. <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	4
46	Measurement of the branching fraction $B(B^0 \rightarrow \mu^+ \mu^-)$ at CDF. <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	4
45	Search for $WZ+ZZ$ production with missing transverse energy+jets with b enhancement at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	4
44	Search for supersymmetry with like-sign lepton-tau events at CDF. <i>Physical Review Letters</i> , <b>2013</b> , 110, 201802	7-4	4
43	Signature-based search for delayed photons in exclusive photon plus missing transverse energy events from pp collisions with $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4-9	4
42	Search for the production of ZW and ZZ boson pairs decaying into charged leptons and jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4-9	4

41	Search for a two-Higgs-boson doublet using a simplified model in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2013</b> , 110, 121801	7.4	4
40	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> , <b>2009</b> , 80,	4.9	4
39	Search for new heavy particles decaying to $Z0Z0 \rightarrow eeee$ in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	4
38	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> , <b>2008</b> , 101, 251803	7.4	4
37	Measurement of the $B_{s0} \rightarrow J/\psi$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 762, 484-492	4.2	4
36	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> , <b>2015</b> , 114, 151802	7.4	3
35	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> , <b>2016</b> , 93,	4.9	3
34	First observation of the rare $B^+ \rightarrow D^+ K^0$ decay. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	3
33	Measurement of vector boson plus $D^*(2010)^+$ meson production in $p\bar{p}$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	3
32	Measurement of the $B_{s0} \rightarrow D_s^*(^+) D_s^*(^+)$ branching fractions. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	3
31	Measurement of the WW and WZ production cross section using final states with a charged lepton and heavy-flavor jets in the full CDF Run II data set. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	3
30	First observation of the decay $B^0 \rightarrow K^0 S^*(892)^0$ at LHCb. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	3
29	W-boson polarization measurement in the $t\bar{t}$ dilepton channel using the CDF II detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 722, 48-54	4.2	3
28	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> , <b>2015</b> , 91,	4.9	3
27	A specialized processor for track reconstruction at the LHC crossing rate. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, C09001-C09001	1	3
26	Search for standard model Higgs boson production in association with a W boson at CDF. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	3
25	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> , <b>2012</b> , 85,	4.9	3
24	Search for the Higgs boson in the all-hadronic final state using the CDF II detector. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	3

23	Search for anomalous production of events with a photon, jet, b-quark jet, and missing transverse energy. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	3
22	Search for $B^0 \rightarrow p\bar{\Lambda}$ and $B^0 \rightarrow pK$ decays in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	3
21	Search for anomalous semileptonic decay of heavy flavor hadrons produced in association with a W boson at CDF II. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	3
20	Simulation and performance of an artificial retina for 40 MHz track reconstruction. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, C03008-C03008	1	2
19	Publisher's Note: Measurement of the production and differential cross sections of $W+W$ bosons in association with jets in $pp$ collisions at $\sqrt{s}=1.96$ TeV [Phys. Rev. D 91, 111101(R) (2015)]. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	2
18	Search for new physics in trilepton events and limits on the associated chargino-neutralino production at CDF. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	2
17	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> , <b>2012</b> , 715, 98-104	4.2	2
16	Search for a dijet resonance in events with jets and missing transverse energy in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	2
15	Measurement of the ratio of branching fractions $B(B^0 \rightarrow J/\psi)/B(B^0 \rightarrow J/\psi K^0)$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	2
14	Search for a heavy vector boson decaying to two gluons in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	2
13	Production of $\Lambda$ , $\Sigma$ , $\Xi$ , and $\Xi$ hyperons in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	2
12	First measurement of the ratio of central-electron to forward-electron W partial cross sections in $pp$ collisions at $(\sqrt{s})=1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 251801	7.4	2
11	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> , <b>2015</b> , 114, 141802	7.4	1
10	Studies of high-transverse momentum jet substructure and top quarks produced in 1.96 TeV proton-antiproton collisions. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	1
9	Measurement of the forward-backward asymmetry in low-mass bottom-quark pairs produced in proton-antiproton collisions. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	1
8	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> , <b>2011</b> , 71, 1	4.2	1
7	Search for WW and WZ production in lepton plus jets final state at CDF. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	1
6	An Artificial retina processor for track reconstruction at the full LHC crossing rate. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 824, 260-262	1.2	1

5	The artificial retina for track reconstruction at the LHC crossing rate. <i>Nuclear and Particle Physics Proceedings</i> , <b>2016</b> , 273-275, 2488-2490	0.4	1
4	Mixing and CP violation in $D^0 \rightarrow K\pi$ decays. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	0
3	An additional study of multi-muon events produced in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 710, 278-283	4.2	
2	MEASUREMENT OF CP-VIOLATION IN $D^0/\bar{D}^0$ . <i>Modern Physics Letters A</i> , <b>2012</b> , 27, 1230039	1.3	
1	Real time tracking with a silicon telescope prototype using the Artificial retina algorithm. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 824, 343-345	1.2	