

# Maria Agnese Ciocci

## List of Publications by Citations

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877  
papers

32,560  
citations

80  
h-index

130  
g-index

890  
ext. papers

35,313  
ext. citations

5.2  
avg, IF

5.82  
L-index

#	Paper	IF	Citations
877	Combined Measurement of the Higgs Boson Mass in pp Collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS and CMS Experiments. <i>Physical Review Letters</i> , <b>2015</b> , 114, 191803	7.4	709
876	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
875	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
874	Precise determination of the mass of the Higgs boson and tests of compatibility of its couplings with the standard model predictions using proton collisions at 7 and 8 [Formula: see text]. <i>European Physical Journal C</i> , <b>2015</b> , 75, 212	4.2	399
873	ALEPH: A detector for electron-positron annihilations at LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1990</b> , 294, 121-178	1.2	340
872	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
871	Description and performance of track and primary-vertex reconstruction with the CMS tracker. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, P10009-P10009	1	279
870	Observation of $B_s(0)$ - $B_s(0)$ oscillations. <i>Physical Review Letters</i> , <b>2006</b> , 97, 242003	7.4	274
869	Measurement of the properties of a Higgs boson in the four-lepton final state. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	260
868	Performance of the ALEPH detector at LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1995</b> , 360, 481-506	1.2	256
867	A measurement of the inclusive $b \rightarrow s$ branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 429, 169-187	4.2	253
866	Search for dark matter, extra dimensions, and unparticles in monojet events in proton-proton collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , <b>2015</b> , 75, 235	4.2	250
865	Event generator tunes obtained from underlying event and multiparton scattering measurements. <i>European Physical Journal C</i> , <b>2016</b> , 76, 155	4.2	250
864	Observation of the diphoton decay of the Higgs boson and measurement of its properties. <i>European Physical Journal C</i> , <b>2014</b> , 74, 3076	4.2	239
863	Determination of the number of light neutrino species. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 231, 519-529	4.2	223
862	Measurement of the $B_s(0) \rightarrow \mu^+ \mu^-$ branching fraction and search for $B(0) \rightarrow \mu^+ \mu^-$ with the CMS experiment. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101804	7.4	220
861	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

860	Measurement of the $t\bar{t}$ production cross section in $pp$ collisions at $\sqrt{s}=1.96$ TeV using lepton + jets events with secondary vertex $b$ -tagging. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	217
859	Evidence for a narrow near-threshold structure in the $J/\psi$ invariant mass spectrum in $B_c \rightarrow J/\psi K_c$ decays. <i>Physical Review Letters</i> , <b>2009</b> , 102, 242002	7.4	211
858	Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and $W, Z$ , and Higgs bosons in $pp$ collisions at $8\sqrt{2}$ TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74, 3036	4.2	183
857	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
856	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
855	Observation of electroweak single top-quark production. <i>Physical Review Letters</i> , <b>2009</b> , 103, 092002	7.4	174
854	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
853	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
852	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
851	Search for top-squark pair production in the single-lepton final state in $pp$ collisions at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	162
850	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
849	Search for new particles decaying into dijets in proton-antiproton collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	159
848	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
847	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , <b>2019</b> , 79, 421	4.2	153
846	Search for resonances and quantum black holes using dijet mass spectra in proton-proton collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	152
845	Search for heavy neutrinos and $W$ bosons with right-handed couplings in proton-proton collisions at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74, 3149	4.2	149
844	Evidence for Collective Multiparticle Correlations in $p$ -Pb Collisions. <i>Physical Review Letters</i> , <b>2015</b> , 115, 012301	7.4	145
843	Search for the standard model Higgs boson produced in association with a $W$ or a $Z$ boson and decaying to bottom quarks. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	145

842	Measurement of Higgs boson production and properties in the WW decay channel with leptonic final states. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	144
841	Constraints on the spin-parity and anomalous HVV couplings of the Higgs boson in proton collisions at 7 and 8 TeV. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	142
840	A precise measurement of $Z \rightarrow b\bar{b}/Z \rightarrow \text{hadrons}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 313, 535-548	4.2	138
839	Measurement of the spectral functions of vector current hadronic tau decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 76, 15-33		135
838	Measurement of the $B_s^0$ - $B_s^0$ oscillation frequency. <i>Physical Review Letters</i> , <b>2006</b> , 97, 062003	7.4	133
837	Search for invisible decays of Higgs bosons in the vector boson fusion and associated ZH production modes. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2980	4.2	131
836	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
835	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
834	Modification of jet shapes in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 730, 243-263	4.2	124
833	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
832	Constraints on the Higgs boson width from off-shell production and decay to Z-boson pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 64-85	4.2	116
831	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
830	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
829	Measurement of higher-order harmonic azimuthal anisotropy in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , <b>2014</b> , 89,	2.7	109
828	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
827	Evidence for transverse-momentum- and pseudorapidity-dependent event-plane fluctuations in PbPb and pPb collisions. <i>Physical Review C</i> , <b>2015</b> , 92,	2.7	104
826	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
825	Combination of the top-quark mass measurements from the Tevatron collider. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	104

824	Measurement of the dipion mass spectrum in decays. <i>Physical Review Letters</i> , <b>2006</b> , 96, 102002	7.4	104
823	Inclusive search for a vector-like T quark with charge . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 729, 149-171	4.2	103
822	Evidence for the 125 GeV Higgs boson decaying to a pair of leptons. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	101
821	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
820	Heavy flavour production in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 244, 551-565	4.2	99
819	A precise determination of the number of families with light neutrinos and of the Z boson partial widths. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 235, 399-414	4.2	99
818	Measurement of the differential cross section for top quark pair production in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2015</b> , 75, 542	4.2	98
817	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
816	Search for Narrow Resonances Decaying to Dijets in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2016</b> , 116, 071801	7.4	96
815	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
814	Observation of the baryonic flavor-changing neutral current decay $B(0) \rightarrow \Lambda \Lambda$ <i>Physical Review Letters</i> , <b>2011</b> , 107, 201802	7.4	95
813	Observation of the Heavy Baryons Sigma b and Sigma b*. <i>Physical Review Letters</i> , <b>2007</b> , 99, 202001	7.4	93
812	Evidence for D0-D(0) mixing using the CDF II detector. <i>Physical Review Letters</i> , <b>2008</b> , 100, 121802	7.4	91
811	Measurement of Long-Range Near-Side Two-Particle Angular Correlations in pp Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2016</b> , 116, 172302	7.4	90
810	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
809	Measurement of jet fragmentation in PbPb and pp collisions at $s_{NN}=2.76$ TeV. <i>Physical Review C</i> , <b>2014</b> , 90,	2.7	89
808	Measurements of the angular distributions in the decays $B \rightarrow K^{(*)} \ell^+ \ell^-$ at CDF. <i>Physical Review Letters</i> , <b>2012</b> , 108, 081807	7.4	89
807	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

806	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
805	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
804	Search for the neutral Higgs boson from Z0 decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 236, 233-244	4.2	87
803	Performance of the CMS missing transverse momentum reconstruction in pp data at $\sqrt{s} = 8$ TeV. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P02006-P02006	1	84
802	Search for long-lived neutral particles decaying to quark-antiquark pairs in proton-proton collisions at $s=8$ TeV. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	83
801	Measurement of the prompt $\tau$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 727, 381-402	4.2	83
800	Search for high-mass resonances decaying to dimuons at CDF. <i>Physical Review Letters</i> , <b>2009</b> , 102, 091805	7.4	83
799	Search for new physics in the multijet and missing transverse momentum final state in proton-proton collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	81
798	Observation and mass measurement of the baryon $\Xi_{bb}$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 052002	7.4	80
797	Search for supersymmetric particles using acoplanar charged-particle pairs from Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 236, 86-94	4.2	80
796	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
795	Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	77
794	Measurement of the difference in CP-violating asymmetries in $D(0)\rightarrow K(+)\bar{K}(-)$ and $D(0)\rightarrow \pi(+)\bar{\pi}(-)$ decays at CDF. <i>Physical Review Letters</i> , <b>2012</b> , 109, 111801	7.4	77
793	Searches for new physics using the $t\bar{t}\eta$ invariant mass distribution in pp collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , <b>2013</b> , 111, 211804	7.4	76
792	The TOTEM Experiment at the CERN Large Hadron Collider. <i>Journal of Instrumentation</i> , <b>2008</b> , 3, S08007-S08007	7.6	
791	Reconstruction and identification of $\tau$ lepton decays to hadrons and $B\tau$ CMS. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P01019-P01019	1	75
790	Search for massive resonances in dijet systems containing jets tagged as W or Z boson decays in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	74
789	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

788	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
787	Search for a non-minimal Higgs boson produced in the reaction $\rightarrow$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 313, 312-325	4.2	74
786	Higgs boson studies at the Tevatron. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	73
785	Search for a Higgs boson decaying into a Z and a photon in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 587-609	4.2	73
784	Search for a Higgs boson in the mass range from 145 to 1000 GeV decaying to a pair of W or Z bosons. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	73
783	Observation of orbitally excited B(s) mesons. <i>Physical Review Letters</i> , <b>2008</b> , 100, 082001	7.4	73
782	A search for new quarks and leptons from Z0 decay at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 236, 511-522	4.2	73
781	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[s]=1.96 TeV. <i>Physical Review Letters</i> , <b>2008</b> , 101, 181602	7.4	72
780	An upper limit for the $\mu$ neutrino mass from $\mu \rightarrow 5(0)\mu$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 349, 585-596	4.2	72
779	Searches for the standard Higgs boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 246, 306-314	4.2	72
778	Search for the neutral Higgs Boson from Z0 decay in the Higgs mass range between 11 and 24 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 241, 141-149	4.2	72
777	Study of the production of charged pions, kaons, and protons in pPb collisions at [Formula: see text]5.02[Formula: see text]. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2847	4.2	71
776	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
775	Search for neutral MSSM Higgs bosons decaying to a pair of tau leptons in pp collisions. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	70
774	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
773	Measurement of the polarization of $\mu$ leptons produced in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 265, 430-444	4.2	70
772	Search for physics beyond the standard model in dilepton mass spectra in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	69
771	Measurement of the top quark mass using proton-proton data at $(s)=7$ and 8 TeV. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	69

770	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
769	Measurement of the $t\bar{t}$ production cross section in $pp$ collisions at $\sqrt{s}=1.96$ TeV using lepton+jets events with jet probability $b$ -tagging. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	68
768	Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at $(\sqrt{s_{\mathcal{N}\mathcal{N}}}=5.02)$ (,text {TeV}). <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	67
767	Direct measurement of the $W$ production charge asymmetry in $pp$ collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 181801	7.4	67
766	Observation of exclusive electron-positron production in hadron-hadron collisions. <i>Physical Review Letters</i> , <b>2007</b> , 98, 112001	7.4	67
765	Search for vectorlike charge $2/3$ $T$ quarks in proton-proton collisions at $(\sqrt{s})=8$ TeV. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	66
764	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
763	Search for new physics in high-mass electron-positron events in $pp$ collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 99, 171802	7.4	65
762	Charged-particle nuclear modification factors in PbPb and pPb collisions at $(\sqrt{s_{\mathcal{N}\mathcal{N}}}=5.02)$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	64
761	Long-range two-particle correlations of strange hadrons with charged particles in pPb and PbPb collisions at LHC energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 742, 200-224	4.2	64
760	Search for anomalous production of events with three or more leptons in $pp$ collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	64
759	Determination of the top-quark pole mass and strong coupling constant from the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 496-517	4.2	64
758	Search for $B(s)(0) \rightarrow \mu^+ \mu^-$ and $B(0) \rightarrow \mu^+ \mu^-$ decays with CDF II. <i>Physical Review Letters</i> , <b>2011</b> , 107, 191801	7.4	64
757	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
756	Measurement of the muon charge asymmetry in inclusive $pp \rightarrow W+X$ production at $\sqrt{s}=7$ TeV and an improved determination of light parton distribution functions. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	63
755	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
754	Measurement of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 692, 232-239	4.2	63
753	Measurements of $ V_{cb} $ , form factors and branching fractions in the decays and. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 395, 373-387	4.2	63



752	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
751	Search for high-mass resonances in dilepton final states in proton-proton collisions at ( $\sqrt{s}$ )=13 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	63
750	Search for long-lived particles that decay into final states containing two electrons or two muons in proton-proton collisions at $\sqrt{s}$ =8 TeV. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	62
749	Study of vector boson scattering and search for new physics in events with two same-sign leptons and two jets. <i>Physical Review Letters</i> , <b>2015</b> , 114, 051801	7.4	62
748	Observation of the associated production of a single top quark and a W boson in pp collisions at $\sqrt{s}$ = 8 TeV. <i>Physical Review Letters</i> , <b>2014</b> , 112, 231802	7.4	62
747	Searches for electroweak neutralino and chargino production in channels with Higgs, Z, and W bosons in pp collisions at 8 TeV. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	62
746	Evidence of b-jet quenching in PbPb collisions at $\sqrt{s_{NN}}$ =2.76 TeV. <i>Physical Review Letters</i> , <b>2014</b> , 113, 132301	7.4	62
745	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
744	Measurement of the charged particle multiplicity distribution in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 273, 181-192	4.2	62
743	Properties of hadronic events in $e^+e^-$ annihilation at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 234, 209-218	4.2	62
742	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. <i>European Physical Journal C</i> , <b>2020</b> , 80, 4	4.2	61
741	Study of double parton scattering using W + 2-jet events in proton-proton collisions at ( $\sqrt{s}$ ) = 7 TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	61
740	Search for physics beyond the standard model in final states with a lepton and missing transverse energy in proton-proton collisions at $\sqrt{s}$ =8 TeV. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	61
739	Search for a charged Higgs boson in pp collisions at ( $\sqrt{s}$ )=8 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	61
738	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
737	Measurement of the forward-backward charge asymmetry from $W \rightarrow e\bar{\nu}$ production in $pp$ collisions at $\sqrt{s}$ =1.96 TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	61
736	Search for neutral Higgs bosons from supersymmetry in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 237, 291-302	4.2	61
735	Studies of azimuthal dihadron correlations in ultra-central PbPb collisions at ( $\sqrt{s_{NN}}$ ) =2.76 TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	60

734	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
733	Measurement of the strong coupling constant using $\eta$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 307, 209-220	4.2	60
732	Search for a standard model-like Higgs boson in the $bb$ and $e^+e^-$ decay channels at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 744, 184-207	4.2	59
731	Search for massive resonances decaying into pairs of boosted bosons in semi-leptonic final states at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	59
730	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
729	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
728	Angular analysis of the decay $B^0 \rightarrow K^* \eta'$ from $pp$ collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 753, 424-448	4.2	59
727	Suppression and azimuthal anisotropy of prompt and nonprompt [Formula: see text] production in PbPb collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , <b>2017</b> , 77, 252	4.2	58
726	Search for top-quark partners with charge $5/3$ in the same-sign dilepton final state. <i>Physical Review Letters</i> , <b>2014</b> , 112, 171801	7.4	58
725	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
724	Measurement of the branching ratio and an upper limit on. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 343, 444-452	4.2	58
723	Search for top-squark pairs decaying into Higgs or Z bosons in $pp$ collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 371-397	4.2	57
722	Measurement of CP-violating asymmetries in $D^0 \rightarrow \eta$ and $D^0 \rightarrow K+K$ decays at CDF. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	57
721	Production of orbitally excited charm mesons in semileptonic B decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 73, 601-612		57
720	Search for $B^0_s \rightarrow \mu^+\mu^-$ and $B^0_d \rightarrow \mu^+\mu^-$ decays in $pp$ collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2004</b> , 93, 032001	7.4	57
719	Search for pair production of third-generation scalar leptoquarks and top squarks in proton-proton collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 739, 229-249	4.2	56
718	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
717	Search for exclusive $\gamma\gamma$ production in Hadron-Hadron collisions. <i>Physical Review Letters</i> , <b>2007</b> , 99, 242002	7.4	56

716	Search for a standard model Higgs boson produced in association with a top-quark pair and decaying to bottom quarks using a matrix element method. <i>European Physical Journal C</i> , <b>2015</b> , 75, 251	4.2	55
715	Measurement of the $W^+W^-$ production cross section and search for anomalous $WW\gamma$ and $WWZ$ couplings in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2010</b> , 104, 201801	7.4	55
714	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
713	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
712	Measurement of the ratio $\sigma(t\bar{t})/\sigma(Z/\gamma^* \rightarrow ll)$ and precise extraction of the $t\bar{t}$ cross section. <i>Physical Review Letters</i> , <b>2010</b> , 105, 012001	7.4	54
711	Search for exclusive Z-boson production and observation of high-mass $pp \rightarrow p\gamma\gamma p$ events in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 222002	7.4	54
710	Search for supersymmetric particles in $e^+e^-$ collisions at centre-of-mass energies of 130 and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 373, 246-260	4.2	54
709	Measurement of $\beta_s$ in hadronic Z decays using all-orders resummed predictions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 284, 163-176	4.2	53
708	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
707	Production of excited beauty states in $Z\gamma$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 393-404		52
706	A search for pair production of new light bosons decaying into muons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 752, 146-168	4.2	51
705	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
704	First measurement of the quark-to-photon fragmentation function. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 365-377		51
703	Measurements of differential and double-differential Drell-Yan cross sections in proton-proton collisions at $\sqrt{s}=1.96$ TeV. <i>European Physical Journal C</i> , <b>2015</b> , 75, 147	4.2	50
702	Search for supersymmetry in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 733, 328-353	4.2	50
701	Search for the production of narrow $t\bar{b}$ resonances in $1.9$ fb $^{-1}$ of pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 103, 041801	7.4	50
700	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
699	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

698	Observation of $B(s)0 \rightarrow K^+ K^-$ and measurements of branching fractions of charmless two-body decays of $B0$ 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
697	Measurement of the lifetime difference between $B_s$ mass eigenstates. <i>Physical Review Letters</i> , <b>2005</b> , 94, 101803	7.4	50
696	Search for the standard model Higgs boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 313, 299-311	4.2	50
695	Measurements of $tt$ spin correlations and top-quark polarization using dilepton final states in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , <b>2014</b> , 112, 182001	7.4	49
694	Nuclear effects on the transverse momentum spectra of charged particles in pPb collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , <b>2015</b> , 75, 237	4.2	48
693	Search for resonant $tt\bar{t}$ production in proton-proton collisions at $s=8$ TeV. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	48
692	Measurement of the t-channel single-top-quark production cross section and of the $ V_{tb} $ CKM matrix element in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	48
691	Measurement of $\chi_s$ from scaling violations in fragmentation functions in $e+e\bar{e}$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 357, 487-499	4.2	48
690	Search for new resonances decaying via WZ to leptons in proton-proton collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 740, 83-104	4.2	47
689	Measurement of $\sigma(\chi_{c2})/\sigma(\chi_{c1})$ in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 232001	7.4	47
688	Searches for a heavy scalar boson H decaying to a pair of 125 GeV Higgs bosons hh or for a heavy pseudoscalar boson A decaying to Zh, in the final states with $h \rightarrow \dots$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 755, 217-244	4.2	46
687	Search for flavor-changing neutral currents in top-quark decays $t \rightarrow Zq$ in pp collisions at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , <b>2014</b> , 112, 171802	7.4	46
686	Measurement of branching ratio and $B_{s0}$ lifetime in the decay $B_{s0} \rightarrow J/\psi(980)$ at CDF. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	46
685	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
684	Search for the associated production of the Higgs boson with a top-quark pair. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	45
683	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
682	A study of $\bar{D}$ decays involving $\bar{D}$ and $\bar{D}$ mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 74, 263-273		45
681	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

680	Global search for new physics with 2.0 fb <sup>-1</sup> at CDF. <i>Physical Review D</i> , <b>2009</b> , 79,	4-9	44
679	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
678	Measurement of the single-top-quark production cross section at CDF. <i>Physical Review Letters</i> , <b>2008</b> , 101, 252001	7-4	44
677	Measurement of the forward-backward charge asymmetry of electron-positron pairs in p $\bar{p}$ collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4-9	44
676	An upper limit on the ( $\tau$ ) neutrino mass from three- and five-prong tau decays <b>1998</b> , 2, 395		44
675	Measurement of the ( $\overline{t}t$ ) production cross section in the dilepton channel in pp collisions at ( $\sqrt{s}$ ) = 8 TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	43
674	Measurement of the differential and double-differential Drell-Yan cross sections in proton-proton collisions at ( $\sqrt{s}$ ) = 7 TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	43
673	Searches for heavy Higgs bosons in two-Higgs-doublet models and for t $\rightarrow$ ch decay using multilepton and diphoton final states in pp collisions at 8 TeV. <i>Physical Review D</i> , <b>2014</b> , 90,	4-9	43
672	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
671	Measurement of $\Xi$ s from the structure of particle clusters produced in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 257, 479-491	4-2	43
670	Search for neutralino production in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 244, 541-550	4-2	43
669	Search for new phenomena in monophoton final states in proton-proton collisions at s=8 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 755, 102-124	4-2	42
668	Event activity dependence of ( $\Upsilon$ )(nS) production in ( $\sqrt{s_{NN}}$ ) = 5.02 TeV pPb and ( $\sqrt{s}$ ) = 2.76 TeV pp collisions. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	42
667	Angular coefficients of Z bosons produced in pp collisions at s=8 TeV and decaying to $\mu\mu$ s a function of transverse momentum and rapidity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 750, 154-175	4-2	42
666	Measurements of the properties of $\Xi(2595)$ , $\Xi(2625)$ , $\Xi(2455)$ , and $\Xi(2520)$ baryons. <i>Physical Review D</i> , <b>2011</b> , 84,	4-9	42
665	Measurement of tt 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
664	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
663	Production and decay of charmed mesons at the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 266, 218-230	4-2	42

662	An experimental study of $\Xi^{\pm}$ hadrons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 313, 509-519	4.2	42
661	Measurement of $J/\psi$ and $\psi(2S)$ Prompt Double-Differential Cross Sections in pp Collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , <b>2015</b> , 114, 191802	7.4	41
660	Search for supersymmetry using razor variables in events with b-tagged jets in pp collisions at $s=8$ TeV. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	41
659	Measurement of the ratio $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 33-57	4.2	41
658	Measurement of the inclusive 3-jet production differential cross section in proton-proton collisions at 7 TeV and determination of the strong coupling constant in the TeV range. <i>European Physical Journal C</i> , <b>2015</b> , 75, 186	4.2	41
657	Measurement of prompt $J/\psi$ pair production in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	41
656	Observation of the $\Lambda_b$ baryon and measurement of the properties of the $\Lambda_b$ and $\Sigma_b$ baryons. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	41
655	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
654	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
653	An investigation of $B_d^0$ and $B_s^0$ oscillation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 322, 441-458	4.2	41
652	A search for pair-produced charged Higgs bosons in $Z^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 241, 623-634	4.2	41
651	Measurement of the inelastic proton-proton cross section at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	41
650	Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	40
649	Observation of new charmless decays of bottom hadrons. <i>Physical Review Letters</i> , <b>2009</b> , 103, 031801	7.4	40
648	A measurement of the QCD colour factors and a limit on the light gluino. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 76, 1-14		40
647	A measurement of $ V_{cb} $ from. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 359, 236-248	4.2	40
646	Search for displaced supersymmetry in events with an electron and a muon with large impact parameters. <i>Physical Review Letters</i> , <b>2015</b> , 114, 061801	7.4	39
645	Search for pair production of first and second generation leptoquarks in proton-proton collisions at $s=8$ TeV. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	39

644	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
643	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
642	Measurement of the $pp \rightarrow ZZ$ production cross section and constraints on anomalous triple gauge couplings in four-lepton final states at $s = 8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 740, 250-272	4.2	38
641	Search for new physics in events with same-sign dileptons and jets in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	38
640	Measurement of prompt $J/\psi$ to $J/\psi$ yield ratios in Pb-Pb and p-p collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , <b>2014</b> , 113, 262301	7.4	38
639	Search for top squark and Higgsino production using diphoton Higgs boson decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 161802	7.4	38
638	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
637	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
636	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
635	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
634	Measurement of the effective b quark fragmentation function at the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 357, 699-714	4.2	38
633	Search for CP violation in $Z \rightarrow \mu\mu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 297, 459-468	4.2	38
632	Search for a very light Higgs boson in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 245, 289-297	4.2	38
631	Differential cross section measurements for the production of a W boson in association with jets in proton-proton collisions at $s = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 741, 12-37	4.2	37
630	Constraints on parton distribution functions and extraction of the strong coupling constant from the inclusive jet cross section in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , <b>2015</b> , 75, 288	4.2	37
629	Measurement of the differential cross section and charge asymmetry for inclusive $W$ production at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , <b>2016</b> , 76, 469	4.2	37
628	Measurement of associated W + charm production in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	37
627	Limits on the Higgs boson lifetime and width from its decay to four charged leptons. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	37

626	Measurement of pseudorapidity distributions of charged particles in proton-proton collisions at ( $\sqrt{s} = 8$ ) TeV by the CMS and TOTEM experiments. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	37
625	Production of ( $\Psi$ ) mesons in pp collisions at 1.96 TeV. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	37
624	Measurement of the forward-backward asymmetry in the $B \rightarrow K^*(\pi)\pi$ decay and first observation of the $B(s)0 \rightarrow \pi^+\pi^-$ decay. <i>Physical Review Letters</i> , <b>2011</b> , 106, 161801	7.4	37
623	Measurements of the angular distributions of muons from $\tau$ decays in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 151802	7.4	37
622	Studies of QCD in $e^+e^-$ to hadrons at $E_{\text{cm}} = 130$ and 136 GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 73, 409-420		37
621	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
620	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
619	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
618	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
617	Measurement of the and B meson lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 307, 194-208	4.2	37
616	Measurements of Higgs boson properties in the diphoton decay channel in proton-proton collisions at ( $\sqrt{s} = 13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	37
615	Measurement of the ratio of inclusive jet cross sections using the anti-kT algorithm with radius parameters $R = 0.5$ and $0.7$ in pp collisions at $s = 7$ TeV. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	36
614	Precision top-quark mass measurement at CDF. <i>Physical Review Letters</i> , <b>2012</b> , 109, 152003	7.4	36
613	Measurement of Lifetime and Decay-Width Difference in $B_{\text{s}}^0 \rightarrow J/\psi\pi^+\pi^-$ Decays. <i>Physical Review Letters</i> , <b>2008</b> , 100, 121803	7.4	36
612	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
611	Measurement of the $\bar{B}$ polarization in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 365, 437-447	4.2	36
610	Measurement of the forward-backward asymmetry in and. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 263, 325-336	4.2	36
609	Observation of the time dependence of mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 313, 498-508	4.2	36



608	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 451	4.2	36
607	Search for disappearing tracks in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	35
606	Search for pair-produced vectorlike B quarks in proton-proton collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	35
605	Measurement of differential cross sections for Higgs boson production in the diphoton decay channel in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 13	4.2	35
604	Angular analysis and branching fraction measurement of the decay $B^0 \rightarrow K^* \mu^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 727, 77-100	4.2	35
603	Searches for light- and heavy-flavour three-jet resonances in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 730, 193-214	4.2	35
602	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
601	First search for multijet resonances in $\sqrt{s} = 1.96$ TeV pp collisions. <i>Physical Review Letters</i> , <b>2011</b> , 107, 042001	7.4	35
600	Quark and gluon jet properties in symmetric three-jet events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 384, 353-364	4.2	35
599	Evidence for b baryons in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 278, 209-216	4.2	35
598	Measurement and QCD analysis of double-differential inclusive jet cross sections in pp collisions at ( $\sqrt{s}=8$ ) TeV and cross section ratios to 2.76 and 7 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	34
597	Search for new physics in same-sign dilepton events in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 439	4.2	34
596	Top quark mass measurement in the lepton + jets channel using a matrix element method and in situ jet energy calibration. <i>Physical Review Letters</i> , <b>2010</b> , 105, 252001	7.4	34
595	Publisher's Note: Search for $B_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ Decays with CDF II [Phys. Rev. Lett. 107, 191801 (2011)]. <i>Physical Review Letters</i> , <b>2011</b> , 107,	7.4	34
594	Combination of CDF and D0 measurements of the W boson helicity in top quark decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	34
593	Resonant structure and flavour tagging in the $B_{\mu}$ system using fully reconstructed B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 425, 215-226	4.2	34
592	Limits on the production of narrow $tt$ resonances in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	34
591	Measurement of the cross section for $tt$ production in pp collisions using the kinematics of lepton+jets events. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	34

590	Measurement of charge asymmetry in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 259, 377-388	4.2	34
589	Search for decays of stopped long-lived particles produced in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2015</b> , 75, 151	4.2	33
588	Searches for third-generation squark production in fully hadronic final states in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	33
587	Search for Higgs bosons predicted in two-Higgs-doublet models via decays to tau lepton pairs in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , <b>2009</b> , 103, 201801	7.4	33
586	Measurement of the inclusive jet cross section using the kT algorithm in pp collisions at ( $\sqrt{s}$ )=1.96 TeV. <i>Physical Review Letters</i> , <b>2006</b> , 96, 122001	7.4	33
585	Observation of WZ production. <i>Physical Review Letters</i> , <b>2007</b> , 98, 161801	7.4	33
584	Search for [corrected] $B_0(s) \rightarrow \mu^+ \mu^-$ and $B_0(d)$ [corrected] $\rightarrow \mu^+ \mu^-$ decays in pp collisions with CDF II. <i>Physical Review Letters</i> , <b>2005</b> , 95, 221805	7.4	33
583	Measurement of the cross section for prompt diphoton production in pp collisions at square root of $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2005</b> , 95, 022003	7.4	33
582	Inclusive production of neutral vector mesons in hadronic Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 379-392		33
581	Mass limit for the standard model Higgs boson with the full LEP I ALEPH data sample. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 384, 427-438	4.2	33
580	Observation of the semileptonic decays of $B_S$ and $\bar{B}$ hadrons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 294, 145-156	4.2	33
579	Identification techniques for highly boosted W bosons that decay into hadrons. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	32
578	Measurement of the CP-violating phase $\arg(\lambda_{cb})$ in $B_s^0 \rightarrow J/\psi$ decays with the CDF II detector. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	32
577	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
576	Measurement of resonance parameters of orbitally excited narrow $B_0$ mesons. <i>Physical Review Letters</i> , <b>2009</b> , 102, 102003	7.4	32
575	Evidence for the charmless annihilation decay mode $B(s)(0) \rightarrow \tau^+ \tau^-$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 211803	7.4	32
574	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
573	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

572	Measurements of mean lifetime and branching fractions of b hadrons decaying to J/ψ. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 295, 396-408	4.2	32
571	Measurement of the branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 298, 479-491	4.2	32
570	Search for a new bottomonium state decaying to J/ψ. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 727, 57-76	4.2	31
569	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
568	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
567	Search for the decays B <sub>s</sub> → e <sup>+</sup> μ <sup>-</sup> and B <sub>s</sub> → e <sup>+</sup> e <sup>-</sup> in CDF run II. <i>Physical Review Letters</i> , <b>2009</b> , 102, 201801	7.4	31
566	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
565	Evidence for B <sub>0</sub> s → φφ decay and measurements of branching ratio and A(CP) for B <sub>+</sub> → φK <sup>+</sup> . <i>Physical Review Letters</i> , <b>2005</b> , 95, 031801	7.4	31
564	Measurement of the production rates of φ and φ' in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 292, 210-220	4.2	31
563	Measurement of the ( $\overline{\text{t}}\text{t}$ ) production cross section in the e <sup>+</sup> e <sup>-</sup> channel in proton-proton collisions at ( sqrt{s}=7 ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	30
562	Search for supersymmetry in the multijet and missing transverse momentum final state in pp collisions at 13 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 758, 152-180	4.2	30
561	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
560	Search for a standard model Higgs boson in WH → lvbb in pp collisions at square root s = 1.96 TeV. <i>Physical Review Letters</i> , <b>2009</b> , 103, 101802	7.4	30
559	Observation of exclusive φ production in pp collisions at s=1.96 TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 081801	7.4	30
558	Model-independent and quasi-model-independent search for new physics at CDF. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	30
557	Search for heavy toplike 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
556	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
555	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

554	Measurement of $W$ and $Z$ production in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2005</b> , 94, 041803	7.4	30
553	Study of the $B_s^0 B_s^0$ oscillation frequency using $D_s^{\pm}$ combinations in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 377, 205-221	4.2	30
552	First measurement of the BS meson mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 311, 425-436	4.2	30
551	Search for excited leptons in Z0 decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 236, 501-510	4.2	30
550	Measurements of the production cross section and the branching fraction, and constraints on anomalous triple gauge couplings at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 165	4.2	29
549	Measurement of diffractive dissociation cross sections in pp collisions at $s=7$ TeV. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	29
548	Measurement of top quark-antiquark pair production in association with a W or Z boson in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , <b>2014</b> , 74, 3060	4.2	29
547	Measurement of differential cross sections for the production of a pair of isolated photons in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2014</b> , 74, 3129	4.2	29
546	A measurement of $R_b$ using a lifetime-mass tag. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 401, 150-162	4.2	29
545	MEDIPIX: a VLSI chip for a GaAs pixel detector for digital radiology. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1999</b> , 422, 201-205	1.2	29
544	Evidence for the triple-gluon vertex from measurements of the QCD colour factors in Z decay into four jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 284, 151-162	4.2	29
543	Measurement of the Top Quark Pair Production Cross Section in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2016</b> , 116, 052002	7.4	28
542	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
541	Search for a heavy topline quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 261801	7.4	28
540	Measurement of the W mass in $e^+e^-$ collisions at production threshold. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 401, 347-362	4.2	28
539	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
538	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
537	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

536	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
535	Measurements of the structure of quark and gluon jets in hadronic Z decays. <i>European Physical Journal C</i> , <b>2000</b> , 17, 1-18	4.2	28
534	Strange b baryon production and lifetime in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 384, 449-460	4.2	28
533	Measurement of B- mixing at the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 258, 236-246	4.2	28
532	Observation of the Y (4140) structure in the $J/\psi$ mass spectrum in $B\bar{B} \rightarrow J/\psi K\bar{B}$ decays. <i>Modern Physics Letters A</i> , <b>2017</b> , 32, 1750139	1.3	27
531	Measurement of the production cross section, the top quark mass, and the strong coupling constant using dilepton events in $pp$ collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 368	4.2	27
530	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
529	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
528	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
527	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
526	Study of the subjet structure of quark and gluon jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 346, 389-398	4.2	27
525	The design, construction and performance of the ALEPH silicon vertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1996</b> , 379, 101-115	1.2	27
524	Correlation measurements in $Z \rightarrow \mu\bar{\mu}$ and the $\tau$ neutrino helicity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 321, 168-176	4.2	27
523	Measurement of the ratio using event shape variables. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 313, 549-563	4.2	27
522	A direct measurement of the invisible width of the Z from single photon counting. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 313, 520-534	4.2	27
521	Measurement of the CP-violating weak phase $\phi_s$ and the decay width difference $\Delta\Gamma$ using the $B_s^0 \rightarrow J/\psi(1020)$ decay channel in $pp$ collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 757, 97-120	4.2	26
520	Searches for supersymmetry using the $M_{T2}$ variable in hadronic events produced in $pp$ collisions at 8 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	26
519	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

518	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
517	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
516	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
515	A measurement of $R_b$ using mutually exclusive tags. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 401, 163-175	4.2	26
514	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
513	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
512	Search for the neutral Higgs bosons of the MSSM and other two-doublet models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 265, 475-486	4.2	26
511	Determination of ( $ V_{ub} $ ) from the measurement of the inclusive charmless semileptonic branching ratio of b hadrons <b>1999</b> , 6, 555		26
510	Search for monotop signatures in proton-proton collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , <b>2015</b> , 114, 101801	7.4	25
509	Measurement of the W-boson helicity in top-quark decays from ( $\overline{\text{t}}\text{t}$ ) production in lepton+jets events in pp collisions at ( $\sqrt{s}=7$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	25
508	Search for top squark pair production in pp collisions at ( $\sqrt{s}=13$ ) TeV using single lepton events. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	25
507	Measurements of the [Formula: see text][Formula: see text] production cross sections in the [Formula: see text] channel in proton-proton collisions at [Formula: see text] and [Formula: see text] and combined constraints on triple gauge couplings. <i>European Physical Journal C</i> , <b>2015</b> , 75, 511	4.2	25
506	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
505	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
504	Search for the standard model Higgs boson decaying to a bb pair in events with two oppositely charged leptons using the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 111803	7.4	25
503	Search for the standard model Higgs boson decaying to a bb pair in events with one charged lepton and large missing transverse energy using the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 111804	7.4	25
502	First simultaneous measurement of the top quark mass in the lepton+jets and dilepton channels at CDF. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	25
501	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

500	Measurement of the $B_s^0$ lifetime and production rate with $D_s^{\pm}$ combinations in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 361, 221-233	4.2	25
499	Tau hadronic branching ratios. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 70, 579-608		25
498	Measurement of isolated photon production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 264, 476-486	4.2	25
497	A measurement of the b baryon lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 297, 449-458	4.2	25
496	Measurement of mixing at the Z using a jet-charge method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 284, 177-190	4.2	25
495	Measurement of the weak mixing angle using the forward-backward asymmetry of Drell-Yan events in collisions at 8. <i>European Physical Journal C</i> , <b>2018</b> , 78, 701	4.2	25
494	Measurements of jet multiplicity and differential production cross sections of Z+jets events in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	24
493	Constraints on the pMSSM, AMSB model and on other models from the search for long-lived charged particles in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2015</b> , 75, 325	4.2	24
492	Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2020</b> , 80, 75	4.2	24
491	Measurement of inclusive jet production and nuclear modifications in pPb collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 372	4.2	24
490	Jet and underlying event properties as a function of charged-particle multiplicity in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2674	4.2	24
489	Alignment of the CMS tracker with LHC and cosmic ray data. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, P06009-P06009		24
488	Search for $WW$ and $WZ$ production and constraints on anomalous quartic gauge couplings in pp collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	24
487	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
486	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
485	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
484	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
483	Observation of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , <b>2011</b> , 107, 102001	7.4	24

482	Measurement of the mass difference between t and t quarks. <i>Physical Review Letters</i> , <b>2011</b> , 106, 152001	7.4	24
481	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
480	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
479	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
478	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
477	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
476	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
475	Measurement of the D* cross section in two photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 355, 595-605	4.2	24
474	An investigation into intermittency. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 53, 21-32		24
473	Updated measurement of the average b hadron lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 295, 174-186	4.2	24
472	Search for W? -> tb decays in the lepton + jets final state in pp collisions at (sqrt{s}) = 8 TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	23
471	Measurement of four-jet production in proton-proton collisions at s=7 TeV. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	23
470	Search for Higgs bosons produced in association with b quarks. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	23
469	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
468	Diffractional W and Z production at the Fermilab Tevatron. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	23
467	Direct top-quark width measurement at CDF. <i>Physical Review Letters</i> , <b>2010</b> , 105, 232003	7.4	23
466	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
465	Search for New T' particles in final states with large jet multiplicities and missing transverse energy in pp collisions at sqrt{s} = 1.96 TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 191803	7.4	23



464	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
463	Search for pair-production of long-lived heavy charged particles in $e^+e^-$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 405, 379-388	4.2	23
462	Measurement of the $pp \rightarrow tt$ production cross section and the top quark mass at $\sqrt{s} = 1.96$ TeV in the all-hadronic decay mode. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	23
461	Measurement of $(pp \rightarrow Z)B(Z \rightarrow \dots)$ in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	23
460	Measurement of the $W^{(+)}W^{(-)}$ production cross section in pp collisions at $\sqrt{s} = 1.96$ TeV using dilepton events. <i>Physical Review Letters</i> , <b>2005</b> , 94, 211801	7.4	23
459	Limit on $B_0$ s oscillation using a jet charge method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 356, 409-422	4.2	23
458	Search for third-generation scalar leptoquarks decaying to a top quark and a lepton at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 707	4.2	23
457	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying leptons at ( $\sqrt{s} = 13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	23
456	Measurement of the [Formula: see text] production cross section using events in the [Formula: see text] final state in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2017</b> , 77, 172	4.2	22
455	Transverse momentum spectra of inclusive b jets in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 754, 59-80	4.2	22
454	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2017</b> , 77, 845	4.2	22
453	Search for physics beyond the standard model in events with two leptons, jets, and missing transverse momentum in pp collisions at ( $\sqrt{s}$ ) = 8 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	22
452	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
451	Top quark mass measurement using the template method at CDF. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	22
450	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
449	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
448	Evidence for $tt$ production and measurement of $\sigma_{tt}/\sigma_{\text{had}}$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	22
447	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

446	Measurement of correlated $b\bar{b}$ production in $pp$ collisions at $\sqrt{s}=1960$ GeV. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	22
445	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
444	Measurement of the $\Lambda_b^0$ lifetime in $\Lambda_b^0 \rightarrow J/\psi \Lambda_b^0$ in $pp$ collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 122001	7.4	22
443	Four-jet final state production in $\sqrt{s}$ collisions at centre-of-mass energies of 130 and 136 GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 71, 179-197		22
442	Measurement of the WZ production cross section in $pp$ collisions at $\sqrt{s}=1.96$ TeV and search for anomalous triple gauge couplings at $\sqrt{s}=1.96$ TeV. <i>European Physical Journal C</i> , <b>2017</b> , 77, 236	4.2	21
441	A search for new phenomena in $pp$ collisions at $\sqrt{s}=1.96$ TeV in final states with missing transverse momentum and at least one jet using the $R_{\text{miss}}$ variable. <i>European Physical Journal C</i> , <b>2017</b> , 77, 294	4.2	21
440	Search for quark contact interactions and extra spatial dimensions using dijet angular distributions in proton-proton collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 746, 79-99	4.2	21
439	Measurement of electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s}=1.96$ TeV. <i>European Physical Journal C</i> , <b>2015</b> , 75, 66	4.2	21
438	Search for single production of scalar leptoquarks in proton-proton collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	21
437	Measurements of $t\bar{t}$ spin correlations and top quark polarization using dilepton final states in $pp$ collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	21
436	Correlations between jets and charged particles in PbPb and $pp$ collisions at ( $\sqrt{s_{\text{NN}}}=2.76$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	21
435	Measurement of the $WZ$ production cross section in the all-jets final state in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>European Physical Journal C</i> , <b>2016</b> , 76, 128	4.2	21
434	Measurement of the production cross sections for a Z boson and one or more b jets in $pp$ collisions at ( $\sqrt{s}=7$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	21
433	Search for physics beyond the standard model in events with two leptons of same sign, missing transverse momentum, and jets in proton-proton collisions at $\sqrt{s}=1.96$ TeV. <i>European Physical Journal C</i> , <b>2017</b> , 77, 578	4.2	21
432	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	21
431	Search for excited quarks in the $b\bar{b}$ jet final state in proton-proton collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 738, 274-293	4.2	21
430	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
429	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

428	Measurement of the top quark mass in the dilepton channel using mT2 at CDF. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	21
427	Measurements of branching fraction ratios and CP asymmetries in $B_{\mu} \rightarrow DCPK_{\mu}$ decays in hadron collisions. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	21
426	Study of substructure of high transverse momentum jets produced in proton-antiproton collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	21
425	Top-quark mass measurement from dilepton events at CDF II. <i>Physical Review Letters</i> , <b>2006</b> , 96, 152002	7.4	21
424	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
423	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
422	Search for second-generation scalar leptoquarks in $pp \rightarrow$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	21
421	Search for CP violation in the decay $Z \rightarrow \mu\mu$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 346, 371-378	4.2	21
420	Measurement of the B hadron lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 257, 492-504	4.2	21
419	Measurement of the tau lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 279, 411-421	4.2	21
418	Search for particles with unexpected mass and charge in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 303, 198-208	4.2	21
417	Measurement of transverse momentum relative to dijet systems in PbPb and pp collisions at ( $\sqrt{s_{\mathrm{NN}}}=2.76$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	21
416	Searches for supersymmetry based on events with b jets and four W bosons in pp collisions at 8 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 745, 5-28	4.2	20
415	Measurement of [Formula: see text] production with additional jet activity, including [Formula: see text] quark jets, in the dilepton decay channel using pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 379	4.2	20
414	Search for a low-mass pseudoscalar Higgs boson produced in association with a $bb$ pair in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 758, 296-320	4.2	20
413	Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 140	4.2	20
412	Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 564	4.2	20
411	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at. <i>European Physical Journal C</i> , <b>2017</b> , 77, 636	4.2	20

410	Study of the associated production of photons and b-quark jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	20
409	Observation of $B_s^0 \rightarrow J/\psi^*(892)0$ and $B_s^0 \rightarrow J/\psi S0$ decays. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	20
408	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
407	Improved measurement of the $B^0_d - \bar{B}^0_d$ oscillation frequency. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 75, 397-407		20
406	A measurement of the gluon splitting rate into pairs in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 434, 437-450	4.2	20
405	Search for $W^?$ boson decaying to electron-neutrino pairs in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	20
404	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
403	Measurement of the top quark mass with the dynamical likelihood method using lepton plus jets events with b-tags in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	20
402	Measurement of the b jet cross section in events with a Z boson in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	20
401	A study of production in semileptonic B decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 345, 103-114	4.2	20
400	Search for anomalous single top quark production in association with a photon in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	20
399	Measurements of the [Formula: see text] production cross section in lepton+jets final states in pp collisions at 8 [Formula: see text] and ratio of 8 to 7 [Formula: see text] cross sections. <i>European Physical Journal C</i> , <b>2017</b> , 77, 15	4.2	19
398	Measurement of the W boson helicity in events with a single reconstructed top quark in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	19
397	Study of B Meson Production in p+Pb Collisions at $\sqrt{s(NN)}=5.02$ TeV Using Exclusive Hadronic Decays. <i>Physical Review Letters</i> , <b>2016</b> , 116, 032301	7.4	19
396	Search for massive WH resonances decaying into the [Formula: see text] final state at [Formula: see text] [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 237	4.2	19
395	Measurement of exclusive photoproduction from protons in Pb collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 277	4.2	19
394	Search for third-generation scalar leptoquarks in the $t\bar{t}$ channel in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	19
393	Measurement of the production cross section for a W boson and two b jets in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 735, 204-225	4.2	19

392	Search for the supersymmetric partner of the top quark in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	19
391	Measurements of the top-quark mass using charged particle tracking. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	19
390	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
389	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
388	Updated measurement of the $\tau$ lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 414, 362-372	4.2	19
387	Measurement of $\sigma(\Lambda_b^0/\sigma B^0 \times B(\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-)/B(B^0 \rightarrow D^+ \pi^-))$ in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 122002	7.4	19
386	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
385	Low contrast imaging with a GaAs pixel digital detector. <i>IEEE Transactions on Nuclear Science</i> , <b>2000</b> , 47, 1478-1482	1.7	19
384	Measurements of the b baryon lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 357, 685-698	4.2	19
383	Search for excited leptons at $130 \leq \sqrt{s} \leq 140$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 385, 445-453	4.2	19
382	Measurement of the $B_s^0$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 322, 275-286	4.2	19
381	Update of electroweak parameters from Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1993</b> , 60, 71-81		19
380	Measurement of the b baryon lifetime and branching fractions in Z decays <b>1998</b> , 2, 197		19
379	Measurement of differential cross sections for boson production in association with jets in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 965	4.2	19
378	Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 364	4.2	18
377	Study of Z production in PbPb and pp collisions at ( $\sqrt{s_{\text{NN}}}=2.76$ ) TeV in the dimuon and dielectron decay channels. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	18
376	Search for dark matter and unparticles produced in association with a Z boson in proton-proton collisions at $s=8$ TeV. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	18
375	Observation of top quark pairs produced in association with a vector boson in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	18

374	. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	18
373	Search for direct production of supersymmetric partners of the top quark in the all-jets final state in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	18
372	Search for neutral MSSM Higgs bosons decaying into a pair of bottom quarks. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	18
371	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
370	Search for the rare decays $B^+ \rightarrow \mu^+ \mu^+ K^+$ , $B^0 \rightarrow \mu^+ \mu^- K^0$ , and $B_s^0 \rightarrow \mu^+ \mu^-$ at CDF. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	18
369	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
368	Search for the $B_c$ meson in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 402, 213-226	4.2	18
367	Measurement of hadron and lepton-pair production from $e^+e^-$ annihilation at centre-of-mass energies of 130 and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 378, 373-384	4.2	18
366	One-prong $\tau$ decays into charged kaons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 332, 209-218	4.2	18
365	Search for ( $\overline{\text{t}}\text{H}$ ) production in the ( $\text{H}$ to $\overline{\text{b}}\text{b}$ ) decay channel with leptonic ( $\overline{\text{t}}$ ) decays in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	17
364	Search for stealth supersymmetry in events with jets, either photons or leptons, and low missing transverse momentum in pp collisions at 8 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 743, 503-525	4.2	17
363	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s}=13$ . <i>European Physical Journal C</i> , <b>2018</b> , 78, 291	4.2	17
362	Measurement of the inclusive jet cross section in pp collisions at ( $\sqrt{s}=2.76$ , text {TeV}). <i>European Physical Journal C</i> , <b>2016</b> , 76, 1	4.2	17
361	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=8$ TeV in dilepton final states containing one $\tau$ lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 739, 23-43	4.2	17
360	Searches for pair production of third-generation squarks in [Formula: see text][Formula: see text] pp collisions. <i>European Physical Journal C</i> , <b>2017</b> , 77, 327	4.2	17
359	Search for the production of dark matter in association with top-quark pairs in the single-lepton final state in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	17
358	Search for R-parity violating decays of sneutrinos to $e\tau$ and $e\mu$ pairs in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , <b>2010</b> , 105, 191801	7.4	17
357	First observation of $B(s)(0) \rightarrow D(s)(+/-)K(-/+)$ and measurement of the ratio of branching fractions $B(B(s)(0) \rightarrow D(s)(+/-)K(-/+))/B(B(s)(0) \rightarrow D(s)(+)\pi(-))$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 191802	7.4	17

356	Measurement of W-boson helicity fractions in top-quark decays using $\cos\theta$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2009</b> , 674, 160-167	4.2	17
355	Diffraction dijet production in $p\bar{p}$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	17
354	Search for a neutral Higgs boson decaying to a W boson pair in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 97, 081802	7.4	17
353	Measurement of the helicity of W bosons in top-quark decays. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	17
352	Measurements of the charged particle multiplicity distribution in restricted rapidity intervals. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1995</b> , 69, 15-25		17
351	Charged particle pair production associated with a lepton pair in Z decays. indication of an excess in the tau channel. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 263, 112-122	4.2	17
350	Observation of doubly-charmed B decays at LEP <b>1998</b> , 4, 387		17
349	Measurement of double-differential cross sections for top quark pair production in pp collisions at [Formula: see text][Formula: see text] and impact on parton distribution functions. <i>European Physical Journal C</i> , <b>2017</b> , 77, 459	4.2	16
348	Searches for physics beyond the standard model with the variable in hadronic final states with and without disappearing tracks in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2020</b> , 80, 3	4.2	16
347	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into $\tau$ leptons in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	16
346	Measurement of WZ and ZZ production in pp collisions at [Formula: see text] in final states with b-tagged jets. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2973	4.2	16
345	Search for vector-like T quarks decaying to top quarks and Higgs bosons in the all-hadronic channel using jet substructure. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	16
344	Search for scalar top quark production in ( $p\bar{p}$ ) collisions at ( $\sqrt{s}=1.96;\mathrm{TeV}$ ). <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	16
343	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
342	Search for $B_s \rightarrow \mu\mu$ and $B \rightarrow \mu\mu$ decays with the full CDF Run II data set. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	16
341	Exclusion of exotic top-like quarks with $\frac{2}{3}$ 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
340	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	16
339	Search for resonant production of $t\bar{t}$ pairs in 4.8 $\mathrm{fb}^{-1}$ of integrated luminosity of $p\bar{p}$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	16

338	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
337	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
336	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
335	Search for new color-octet vector particle decaying to $b\bar{c}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 691, 183-190	4.2	16
334	Limits on anomalous triple gauge couplings in $pp \rightarrow \gamma\gamma$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	16
333	Tau leptonic branching ratios ALEPH Collaboration. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 70, 561-577		16
332	A study of single and multi-photon production in $e^+e^-$ collisions at centre-of-mass energies of 130 and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 384, 333-342	4.2	16
331	Charm counting in $b$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 388, 648-658	4.2	16
330	Determination of the leptonic branching ratios of the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 234, 399-408	4.2	16
329	Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	16
328	Measurement of the cross section ratio $\sigma(\text{tt} \rightarrow \text{bb})/\sigma(\text{tt} \rightarrow \text{jj})$ in $pp$ collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 746, 132-153	4.2	15
327	Measurements of the associated production of a Z boson and b jets in $pp$ collisions at. <i>European Physical Journal C</i> , <b>2017</b> , 77, 751	4.2	15
326	Measurement of differential and integrated fiducial cross sections for Higgs boson production in the four-lepton decay channel in $pp$ collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	15
325	Inclusive and differential measurements of the $\text{tt} \rightarrow \text{bb}$ charge asymmetry in $pp$ collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 757, 154-179	4.2	15
324	Measurement of the triple-differential cross section for photon + jets production in proton-proton collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	15
323	Measurement of W-boson polarization in top-quark decay using the full CDF Run II data set. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	15
322	Search for standard model production of four top quarks in the lepton + jets channel in $pp$ collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	15
321	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



320	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
319	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
318	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
317	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
316	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
315	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
314	Measurements of branching fraction ratios and CP-asymmetries in suppressed $B \rightarrow D(\rightarrow K^+ K^-)$ and $B \rightarrow D(\rightarrow K^+ \pi^-)$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	15
313	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
312	Measurement of $B_{s0} \rightarrow D_{s^*} + D_{s^*}^-$ branching ratios. <i>Physical Review Letters</i> , <b>2012</b> , 108, 201801	7.4	15
311	Use of silicon and GaAs pixel detectors for digital autoradiography. <i>IEEE Transactions on Nuclear Science</i> , <b>1997</b> , 44, 929-933	1.7	15
310	Study of $D^0 \bar{D}^0$ mixing and $D^0$ doubly Cabibbo-suppressed decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 436, 211-221	4.2	15
309	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
308	First observation of the decay $B_{s0} \rightarrow D_s D_{s^*}$ and measurement of its branching ratio. <i>Physical Review Letters</i> , <b>2008</b> , 100, 021803	7.4	15
307	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
306	Measurement of mass and width of the excited charmed meson states $D_{10}$ and $D_{2^*0}$ at CDF. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	15
305	Michel parameters and neutrino helicity from decay correlations in $Z \rightarrow \mu\mu$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 346, 379-388	4.2	15
304	A measurement of the semileptonic branching ratio ( $\text{BR}(\bar{b}\text{-baryon}) \rightarrow \bar{p} l \bar{\nu}_l X$ ) and a study of inclusive ( $\pi^+ p$ ), ( $K^+ p$ ), ( $p, \bar{p}$ ) production in Z decays <b>1998</b> , 5, 205		15
303	Search for high-mass resonances in final states with a lepton and missing transverse momentum at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	15

302	Measurement of the jet mass in highly boosted [Formula: see text] events from pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , <b>2017</b> , 77, 467	4.2	14
301	Measurement of the production cross section ratio $\frac{\sigma(B2(1P))}{\sigma(B1(1P))}$ in pp collisions at $\sqrt{s}=8\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 743, 383-402	4.2	14
300	Search for direct pair production of supersymmetric top quarks decaying to all-hadronic final states in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 460	4.2	14
299	Search for $W^{\pm}$ decaying to tau lepton and neutrino in proton-proton collisions at $\sqrt{s}=8\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 755, 196-216	4.2	14
298	Search for a massive resonance decaying into a Higgs boson and a W or Z boson in hadronic final states in proton-proton collisions at $(\sqrt{s}=8)\text{TeV}$ . <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	14
297	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
296	Measurement of the $(\overline{\text{t}}\text{t})$ production cross section using events with one lepton and at least one jet in pp collisions at $(\sqrt{s}=13)\text{TeV}$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	14
295	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
294	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
293	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
292	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
291	Search for heavy metastable particles decaying to jet pairs in pp collisions at $\sqrt{s}=1.96\text{TeV}$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	14
290	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
289	Measurement of the ratios of branching fractions and. <i>Physical Review Letters</i> , <b>2006</b> , 96, 191801	7.4	14
288	Measurement of the $t\bar{t}$ production cross section in pp collisions at square root $\sqrt{s}=1.96\text{TeV}$ using missing $E(T)$ + jets events with secondary vertex b tagging. <i>Physical Review Letters</i> , <b>2006</b> , 96, 202002	7.4	14
287	Search for anomalous production of multilepton events in pp collisions at $\sqrt{s}=1.96\text{TeV}$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 131804	7.4	14
286	Search for excited and exotic muons in the $\mu\gamma$ decay channel in p-p collisions at $\sqrt{s}=1.96\text{TeV}$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 191802	7.4	14
285	Search for supersymmetric particles with R-parity violation in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 349, 238-252	4.2	14

284	Test of the flavour independence of $\mathcal{B}_s$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 355, 381-393	4.2	14
283	$K^0$ production in one-prong $\mathcal{B}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 332, 219-227	4.2	14
282	A measurement of $\text{AFB}_b$ in lifetime tagged heavy flavour Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 335, 99-108	4.2	14
281	A precise measurement of the $\tau$ lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 297, 432-448	4.2	14
280	Three-prong $\mathcal{B}$ decays with charged kaons <b>1998</b> , 1, 65		14
279	$(K^0_S)$ production in $(\tau)$ decays <b>1998</b> , 4, 29		14
278	Measurement of the ratio of the production cross sections times branching fractions of $B \rightarrow J/\psi$ and $B \rightarrow J/\psi$ and $(\text{mathcal{B}}\left(\text{mathcal{B}}_{\text{c}}\right)^{\text{pm}}\text{to}\text{mathcal{J}}/\text{psi}\left\{\text{pi}\right\}^{\text{pm}}\left\{\text{pi}\right\}^{\text{mp}}\right)/\text{mathcal{B}}\left(\text{mathcal{B}}_{\text{c}}\right)^{\text{pm}}\text{to}\text{mathcal{J}}/\text{psi}\left\{\text{pi}\right\}^{\text{pm}}\right)$ in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics, Forward-backward asymmetry of Drell-Yan lepton pairs in pp collisions at [Formula: see text][Formula: see text]</i> . <i>European Physical Journal C</i> , <b>2016</b> , 76, 325	5.4	13
277	Forward-backward asymmetry of Drell-Yan lepton pairs in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 325	4.2	13
276	Search for a Higgs boson decaying into $\tau\tau$ with low dilepton mass in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 753, 341-362	4.2	13
275	Probing color coherence effects in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2901	4.2	13
274	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
273	Measurement of the $t\bar{t}$ production cross section in $2\text{ fb}^{-1}$ of pp collisions at $s=1.96$ TeV using lepton plus jets events with soft muon b tagging. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	13
272	Search for resonant production of $t\bar{t}$ decaying to jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	13
271	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
270	Search for third generation vector leptoquarks in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	13
269	Search for the Higgs boson in events with missing transverse energy and b quark jets produced in pp collisions at square root(s)=1.96 TeV. <i>Physical Review Letters</i> , <b>2008</b> , 100, 211801	7.4	13
268	Measurement of the ratio of branching fractions $\mathcal{B}(D^0 \rightarrow K^+ \mu^-) / \mathcal{B}(D^0 \rightarrow K^+ \tau^-)$ using the CDF II detector. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	13
267	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=1.96$ TeV in the all hadronic decay mode. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	13

266	GaAs pixel radiation detector as an autoradiography tool for genetic studies. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1999</b> , 422, 242-246	1.2	13
265	Improved tau polarisation measurement. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 183-193		13
264	Observation of charmless hadronic B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 384, 471-480	4.2	13
263	Operational experience with a large detector system using silicon strip detectors with double sided readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1993</b> , 326, 183-188	1.2	13
262	Measurement of the b hadron lifetime with the dipole method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 314, 459-470	4.2	13
261	Measurement of $(\text{b} \rightarrow \text{c})$ normalised multi-differential cross sections in $(\text{p}\bar{\text{p}})$ collisions at $(\sqrt{s}=13, \text{TeV})$ , and simultaneous determination of the strong coupling strength, top quark pole mass, and parton distribution functions. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	13
260	Search for evidence of compositeness at LEP I <b>1998</b> , 4, 571		13
259	Search for $(\text{t}\bar{\text{t}}\text{H})$ production in the all-jet final state in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	13
258	Measurement of the top quark mass with lepton+jets final states using collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 891	4.2	13
257	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 280	4.2	12
256	Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	12
255	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
254	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
253	Measurement of the fraction of $\text{tt}\bar{\text{t}}$ production via gluon-gluon fusion in $\text{pp}\bar{\text{p}}$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	12
252	Search for the standard model Higgs boson decaying to a $\text{bb}$ 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
251	Search for a low-mass standard model Higgs boson in the $\text{tt}\bar{\text{t}}$ decay channel in $\text{pp}$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 181804	7.4	12
250	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
249	Measurement of the top quark mass in $\text{pp}\bar{\text{p}}$ collisions at $s=1.96$ TeV using the decay length technique. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	12

248	Measurement of the ratios of branching fractions $B(B_0^s \rightarrow D_s^- \pi^+ \pi^+ \pi^-)/B(B_0^s \rightarrow D^- \pi^+ \pi^+ \pi^-)$ and $B(B_0^s \rightarrow D_s^- \pi^+)/B(B_0^s \rightarrow D^- \pi^+)$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 061802	7.4	12
247	Measurement of the mass of the $\bar{B}$ baryon. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 380, 442-452	4.2	12
246	Studies of and mesons including the observation of the decay in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 939	4.2	12
245	Electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ (text {TeV}). <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2	12
244	Measurement of associated Z + charm production in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 287	4.2	11
243	Measurement of the charge asymmetry in top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV using a template method. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	11
242	Search for neutral MSSM Higgs bosons decaying to $\mu\mu$ in pp collisions at $\sqrt{s} = 7$ and $8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 752, 221-246	4.2	11
241	Measurement of jet multiplicity distributions in [Formula: see text] production in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2014</b> , 74, 3014	4.2	11
240	Search for supersymmetry in the vector-boson fusion topology in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	11
239	Search for supersymmetry with razor variables in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	11
238	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
237	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
236	Rapidity distributions in exclusive Z+jet and $\mu$ jet events in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	11
235	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
234	The TOTEM detector at LHC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 617, 62-66	1.2	11
233	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
232	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
231	Measurement of the $B(s)0$ lifetime in fully and partially reconstructed $B(s)0 \rightarrow D(s)(-)(?)X$ decays in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 272001	7.4	11

230	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
229	Measurements of the top-quark mass and the tt cross section in the hadronic $b$ jets decay channel at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 109, 192001	7.4	11
228	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
227	The topology dependence of charged particle multiplicities in three-jet events. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 76, 191-199		11
226	Determination of AFB $b$ using jet charge measurements in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 426, 217-230	4.2	11
225	Search for chargino-neutralino production in pp collisions at $\sqrt{s}=1.96$ TeV with high-pT leptons. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	11
224	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
223	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
222	Search for scalar bottom quarks from gluino decays in collisions at. <i>Physical Review Letters</i> , <b>2006</b> , 96, 171802	7.4	11
221	Search for heavy lepton pair production in e+e collisions at centre-of-mass energies of 130 and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 384, 439-448	4.2	11
220	Measurements of differential Z boson production cross sections in proton-proton collisions at ( $\sqrt{s}$ ) = 13 TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	11
219	Search for Z resonances using leptonic and hadronic final states in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	11
218	Measurements of the pp $\rightarrow$ WZ inclusive and differential production cross sections and constraints on charged anomalous triple gauge couplings at ( $\sqrt{s}$ ) = 13 TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	10
217	A multi-dimensional search for new heavy resonances decaying to boosted $\gamma$ , $W$ , or boson pairs in the dijet final state at 13 TeV. <i>European Physical Journal C</i> , <b>2020</b> , 80, 237	4.2	10
216	Measurement of the top quark mass using charged particles in pp collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	10
215	Search for excited leptons in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	10
214	Measurement of spin correlations in tt production using the matrix element method in the muon+jets final state in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 758, 321-346	4.2	10
213	Search for the Higgs boson using neural networks in events with missing energy and b-quark jets in pp collisions at square root( $s$ ) = 1.96 TeV. <i>Physical Review Letters</i> , <b>2010</b> , 104, 141801	7.4	10

212	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
211	Top quark mass measurement in the $t\bar{t}$ all hadronic channel using a matrix element technique in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	10
210	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
209	Measurement of CP-violation asymmetries in $D^0 \rightarrow K_S^0 \pi^+ \pi^-$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	10
208	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
207	Measurement of the branching fraction for $D^0 \rightarrow K_S^0 \pi^+ \pi^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 403, 367-376	4.2	10
206	Search for standard model Higgs boson production in association with a W boson at CDF. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	10
205	Search for new physics in lepton+photon+X events with $929 \text{ pb}^{-1}$ of pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	10
204	Measurement of the mass difference $m(D_s^+) - m(D^+)$ at CDF II. <i>Physical Review D</i> , <b>2003</b> , 68,	4.9	10
203	Measurement of the $\tau$ lepton lifetime. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 70, 549-559		10
202	A precise measurement of the average b hadron lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 369, 151-162	4.2	10
201	Search for the associated production of a Higgs boson with a single top quark in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	10
200	Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	10
199	Measurement of b hadron lifetimes in pp collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 457	4.2	9
198	Search for baryon number violation in top-quark decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 731, 173-196	4.2	9
197	Measurement of the mass difference between top and antitop quarks. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	9
196	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
195	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

194	Search for the Higgs boson produced in association with Z- $\mu\mu$ using the matrix element method at CDF II. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	9
193	Study of muon-pair production at centre-of-mass energies from 20 to 136 GeV with the ALEPH detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 399, 329-341	4.2	9
192	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
191	Measurement of b-jet shapes in inclusive jet production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	9
190	Two-particle momentum correlations in jets produced in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	9
189	Search for Higgs bosons decaying to bb and produced in association with W bosons in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2006</b> , 96, 081803	7.4	9
188	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
187	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
186	Test of a GaAs-based pixel device for digital mammography. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2001</b> , 460, 50-54	1.2	9
185	Measurement of $D_s^{*+}$ meson production in Z decays and of the $\tau(B)_s^0$ lifetime. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 585-595		9
184	Study of $(B_s^0)$ oscillations and lifetime using fully reconstructed $(D_s^+)$ decays <b>1998</b> , 4, 367		9
183	Search for lepton flavour violating decays of heavy resonances and quantum black holes to an [Formula: see text] pair in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 317	4.2	9
182	Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	9
181	Measurement of charged particle spectra in minimum-bias events from proton-proton collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 697	4.2	9
180	Measurement of top quark pair production in association with a Z boson in proton-proton collisions at ( $\sqrt{s}$ ) = 13 TeV. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	8
179	Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	8
178	Measurement of the top quark mass using single top quark events in proton-proton collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , <b>2017</b> , 77, 354	4.2	8
177	Measurement of the triple-differential dijet cross section in proton-proton collisions at and constraints on parton distribution functions. <i>European Physical Journal C</i> , <b>2017</b> , 77, 746	4.2	8



176	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
175	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
174	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
173	Search for standard model Higgs boson production in association with a W boson using a matrix element technique at CDF in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	8
172	Search for the standard model Higgs boson produced in association with a W boson with 7.5 fb <sup>-1</sup> integrated luminosity at CDF. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	8
171	Measurement of the transverse spin correlations in the decay $Z \rightarrow \mu\mu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 405, 191-201	4.2	8
170	The forward-backward asymmetry for charm quarks at the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 434, 415-425	4.2	8
169	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
168	Search for the flavor-changing neutral current decay $D^0 \rightarrow \mu\mu$ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2003</b> , 68,	4.9	8
167	Search for anomalous kinematics in tt dilepton events at CDF II. <i>Physical Review Letters</i> , <b>2005</b> , 95, 022001	7.4	8
166	GaAs detector optimization for different medical imaging applications. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1999</b> , 434, 14-17	1.2	8
165	Measurement of the b forward-backward asymmetry and mixing using high-p <sub>T</sub> leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 384, 414-426	4.2	8
164	Search for CP violation in the decay $Z \rightarrow b\bar{b}g$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 384, 365-376	4.2	8
163	Search for decays of the Z <sup>0</sup> into a photon and a pseudoscalar meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 241, 635-643	4.2	8
162	Trapping in proton irradiated p <sup>+</sup> -n-n+silicon sensors at fluences anticipated at the HL-LHC outer tracker. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P04023-P04023	1	8
161	Measurement of the underlying event activity in inclusive Z boson production in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8
160	Measurement of the production cross section of a W boson in association with two b jets in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2017</b> , 77, 92	4.2	7
159	Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at ( $\sqrt{s}=13$ ,text {TeV} ). <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	7

158	Search for rare decays of and Higgs bosons to and a photon in proton-proton collisions at $\sqrt{s} = 13$ . <i>European Physical Journal C</i> , <b>2019</b> , 79, 94	4.2	7
157	Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	7
156	Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	7
155	Measurement of top quark polarisation in t-channel single top quark production. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	7
154	Measurement of the $Z\gamma$ production cross section in pp collisions at 8 TeV and search for anomalous triple gauge boson couplings. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	7
153	Measurement of $Z\gamma$ production in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	7
152	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
151	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
150	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
149	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
148	Search for new heavy particles decaying to $ZZ \rightarrow llll, lljj$ in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	7
147	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
146	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
145	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
144	Search for exotic $S = \pm 1$ baryons in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	7
143	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
142	Search for scalar leptoquark pairs decaying to $lqq$ in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	7
141	Search for ZZ and ZW production in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	7

140	Search for new physics in lepton+photon+X events with 305 pb(-1) of pp collisions at [square root of s] = 1.96 TeV. <i>Physical Review Letters</i> , <b>2006</b> , 97, 031801	7.4	7
139	The forward-backward asymmetry for charm quarks at the Z pole. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 352, 479-486	4.2	7
138	Search for charginos and neutralinos with R-parity violation at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 384, 461-470	4.2	7
137	Search for a new weakly interacting particle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 262, 139-147	4.2	7
136	Search for high mass photon pairs in (f= e, $\mu$ , $\nu$ , q) at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 308, 425-434	4.2	7
135	Search for dark matter produced in association with a leptonically decaying boson in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 13	4.2	7
134	Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos and b quarks at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	7
133	Search for a heavy resonance decaying into a Z boson and a Z or W boson in $2q$ final states at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	7
132	Search for dark matter produced in association with a Higgs boson decaying to $b\bar{b}$ ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	7
131	Precision luminosity measurement in proton-proton collisions at in 2015 and 2016 at CMS. <i>European Physical Journal C</i> , <b>2021</b> , 81, 800	4.2	7
130	Search for single production of vector-like quarks decaying to a top quark and a boson in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 90	4.2	6
129	Measurement of the underlying event activity using charged-particle jets in proton-proton collisions at ( $\sqrt{s}=2.76$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	6
128	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in collisions at and 5.02. <i>European Physical Journal C</i> , <b>2020</b> , 80, 534	4.2	6
127	Measurement of electroweak production of a boson in association with two jets in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2020</b> , 80, 43	4.2	6
126	Measurement of dijet azimuthal decorrelation in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 536	4.2	6
125	Search for a heavy resonance decaying to a top quark and a vector-like top quark in the lepton + jets final state in pp collisions at ( $\sqrt{s} = 13$ , text {TeV} ). <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	6
124	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
123	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

122	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
121	Search for narrow resonances lighter than $\rho$ mesons. <i>European Physical Journal C</i> , <b>2009</b> , 62, 319-326	4.2	6
120	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
119	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
118	Inclusive production of neutral pions in hadronic Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 74, 451-461		6
117	Observation of monojet events and tentative interpretation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 334, 244-252	4.2	6
116	Search for a very light CP-odd neutral Higgs boson of the MSSM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 285, 309-318	4.2	6
115	. <i>IEEE Transactions on Nuclear Science</i> , <b>1992</b> , 39, 701-706	1.7	6
114	Search for the associated production of the Higgs boson with a top-quark pair <b>2014</b> , 2014, 1		6
113	Measurement of the fraction of hadronic Z decays into charm quark pairs <b>1998</b> , 4, 557		6
112	Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	6
111	Measurement of the differential Drell-Yan cross section in proton-proton collisions at ( $\sqrt{s}$ ) = 13 TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	6
110	Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 893	4.2	6
109	Search for new physics in top quark production in dilepton final states in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 886	4.2	6
108	Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
107	Search for a heavy resonance decaying into a Z boson and a vector boson in the ( $\nu_{\text{q}}\bar{\nu}_{\text{q}}$ ) final state. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
106	Search for the Higgs boson in the all-hadronic final state using the full CDF data set. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	5
105	Comparison of the $Z/\bar{\nu}_{\text{q}} + \text{jets}$ to $\bar{\nu}_{\text{q}} + \text{jets}$ cross sections in $pp$ collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	5

104	Search for jet extinction in the inclusive jet-pT spectrum from proton-proton collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	5
103	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
102	Search for new physics in the $\mu e/\mu E$ T channel with a low-pT lepton threshold at the Collider Detector at Fermilab. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	5
101	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
100	Search for the rare radiative decay $W \rightarrow \mu \nu$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	5
99	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
98	Searching the inclusive $E$ 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
97	Observation of $B$ sources using a new reconstruction technique in the CLUE experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2001</b> , 97, 211-214		5
96	The spatial resolution of the ALEPH TPC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1989</b> , 283, 573-577	1.2	5
95	Search for $(B_s)^0$ oscillations using inclusive lepton events <b>1999</b> , 7, 553		5
94	Measurements of production cross sections and constraints on anomalous triple gauge couplings at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 200	4.2	5
93	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 378	4.2	5
92	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 488	4.2	5
91	Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 757, 6-31	4.2	5
90	Search for top squark pair production using dilepton final states in collision data collected at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 3	4.2	5
89	Measurement of the cross section in pp collisions at and validation of lepton analysis techniques. <i>European Physical Journal C</i> , <b>2018</b> , 78, 708	4.2	5
88	Search for the pair production of light top squarks in the $e\bar{e}$ final state in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	4
87	Study of the underlying event in top quark pair production in collisions at 13. <i>European Physical Journal C</i> , <b>2019</b> , 79, 123	4.2	4

86	Measurement of differential cross sections for inclusive isolated-photon and photon+jet production in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 20	4.2	4
85	Distributions of topological observables in inclusive three- and four-jet events in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , <b>2015</b> , 75, 302	4.2	4
84	Evidence for (text {W})text {W}) production from double-parton interactions in proton-proton collisions at (sqrt{s} = 13 ,text {TeV} ). <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	4
83	Measurement of the ratio $B(B_s^0 \rightarrow J/\psi(980))/B(B_s^0 \rightarrow J/\psi(1020))$ in pp collisions at $s=7\sqrt{\text{TeV}}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 756, 84-102	4.2	4
82	Study of final-state radiation in decays of Z bosons produced in pp collisions at 7 TeV. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	4
81	Measurement of the branching fraction $B(\bar{b} \rightarrow \bar{c} + \mu^+ \mu^-)$ at CDF. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	4
80	Search for WZ+ZZ production with missing transverse energy+jets with b enhancement at $s=1.96\text{ TeV}$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	4
79	Search for supersymmetry with like-sign lepton-tau events at CDF. <i>Physical Review Letters</i> , <b>2013</b> , 110, 201802	7.4	4
78	Signature-based search for delayed photons in exclusive photon plus missing transverse energy events from pp collisions with $s=1.96\text{ TeV}$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	4
77	Search for a two-Higgs-boson doublet using a simplified model in pp collisions at $\sqrt{s} = 1.96\text{ TeV}$ . <i>Physical Review Letters</i> , <b>2013</b> , 110, 121801	7.4	4
76	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
75	Study of multi-muon events produced in ( $p\bar{p}$ ) interactions at ( $\sqrt{s}=1.96\text{ TeV}$ ). <i>European Physical Journal C</i> , <b>2010</b> , 68, 109-118	4.2	4
74	Search for new heavy particles decaying to $Z^0 Z^0 \rightarrow e^+ e^+ e^- e^-$ in pp collisions at $s=1.96\text{ TeV}$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	4
73	Search for the Higgs boson produced in association with $Z \rightarrow l^+ l^-$ in pp collisions at $\sqrt{s}=1.96\text{ TeV}$ . <i>Physical Review Letters</i> , <b>2008</b> , 101, 251803	7.4	4
72	Development of front-end electronics with large dynamic range for space applications. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2006</b> , 150, 390-393		4
71	Publisher's Note: Search for scalar leptoquark pairs decaying to $l^+ q^+ q^-$ in pp collisions at $s=1.96\text{ TeV}$ [Phys. Rev. D 71, 112001 (2005)]. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	4
70	Mass limit for the lightest neutralino. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 72, 549-559		4
69	A study of the electrical and charge-collection properties of semi-insulating GaAs detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1996</b> , 380, 66-69	1.2	4

68	Measurement of differential cross sections and charge ratios for $\tau$ -channel single top quark production in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2020</b> , 80, 370	4.2	4
67	Measurement of the. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 74, 387		4
66	Azimuthal correlations for inclusive 2-jet, 3-jet, and 4-jet events in pp collisions at ( $\sqrt{s}=13\text{ TeV}$ ). <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2	4
65	MUSiC: a model-unspecific search for new physics in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 629	4.2	4
64	Search for direct pair production of supersymmetric partners to the lepton in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2020</b> , 80, 189	4.2	3
63	Search for pair production of excited top quarks in the lepton + jets final state. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	3
62	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
61	Study of hadronic event-shape variables in multijet final states in pp collisions at ( $\sqrt{s} = 7$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	3
60	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
59	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
58	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
57	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
56	Search for $B^0 \rightarrow p\bar{p}$ and $B^0 \rightarrow pK$ decays in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	3
55	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
54	Shower reconstruction in the CLUE experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2001</b> , 461, 311-313 <sup>1.2</sup>		3
53	Four-fermion production in $e+e$ collisions at centre-of-mass energies of 130 and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 388, 419-430	4.2	3
52	Measurements of the $(\text{pp}) \rightarrow \text{ZZ}$ production cross section and the $(\text{ZZ}) \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at ( $\sqrt{s} = 13\text{ TeV}$ ) <b>2018</b> , 78, 1		3
51	Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 970	4.2	3

50	Measurement of the ( $\overline{t}$ ) production cross section in the dilepton channel in pp collisions at ( $\sqrt{s}$ ) = 8 TeV <b>2014</b> , 2014, 1		3
49	Improved measurement of the $B^0$ and $B^+$ meson lifetimes <b>1996</b> , 71, 31		3
48	A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution. <i>Computing and Software for Big Science</i> , <b>2020</b> , 4, 10	6	3
47	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at ( $\sqrt{s}$ ) = 13 TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5-4	3
46	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 723	4-2	3
45	Search for resonant production of second-generation sleptons with same-sign dimuon events in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 305	4-2	2
44	Search for $W \rightarrow tb$ in proton-proton collisions at ( $\sqrt{s}$ )=8 TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	2
43	Search for the production of an excited bottom quark decaying to $tW$ in proton-proton collisions at ( $\sqrt{s}$ )=8 TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	2
42	Search for new phenomena with multiple charged leptons in proton-proton collisions at ( $\sqrt{s}$ )=13 TeV. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4-2	2
41	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
40	Measurement of the ratio of branching fractions $B(B \rightarrow J/\psi)/B(B \rightarrow J/\psi K^0)$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4-9	2
39	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
38	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
37	The GigaFitter for fast track fitting based on FPGA DSP arrays <b>2007</b> ,		2
36	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
35	Study of a new scatter rejection technique in digital radiography. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2001</b> , 461, 410-412	1-2	2
34	The CLUE experiment running with 8 telescopes; observations of gamma sources and runs on Moon. <i>AIP Conference Proceedings</i> , <b>2000</b> ,	0	2
33	. <i>IEEE Transactions on Nuclear Science</i> , <b>1989</b> , 36, 1514-1517	1-7	2



32	Study of central exclusive production in proton-proton collisions at and 13TeV. <i>European Physical Journal C</i> , <b>2020</b> , 80, 718	4.2	2
31	Search for physics beyond the standard model in events with jets and two same-sign or at least three charged leptons in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2020</b> , 80, 752	4.2	2
30	Search for supersymmetry in events with a photon, jets, $\bar{j}$ -jets, and missing transverse momentum in proton-proton collisions at 13. <i>European Physical Journal C</i> , <b>2019</b> , 79, 444	4.2	1
29	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
28	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
27	Transverse momentum correlations in hadronic Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 73, 421-432		1
26	Experimental test of a new technique of background suppression in digital mammography. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 478, 95-97	1.2	1
25	Measurement of b hadron lifetimes in pp collisions at $(\sqrt{s} = 8)$ (,text {TeV}text {V}) <b>2018</b> , 78, 1		1
24	Development and validation of HERWIG tunes from CMS underlying-event measurements. <i>European Physical Journal C</i> , <b>2021</b> , 81, 312	4.2	1
23	Measurements of triple-differential cross sections for inclusive isolated-photon+jet events in collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 969	4.2	1
22	Search for flavor-changing neutral current interactions of the top quark and the Higgs boson decaying to a bottom quark-antiquark pair at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	1
21	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 773	4.2	0
20	. <i>IEEE Transactions on Nuclear Science</i> , <b>1989</b> , 36, 1459-1463	1.7	0
19	Measurement of single-diffractive dijet production in proton-proton collisions at with the CMS and TOTEM experiments. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1164	4.2	0
18	Search for a heavy vector resonance decaying to a $\bar{b}$ boson and a Higgs boson in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 688	4.2	0
17	Measurements of angular distance and momentum ratio distributions in three-jet and + two-jet final states in collisions. <i>European Physical Journal C</i> , <b>2021</b> , 81, 852	4.2	0
16	Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	0
15	Search for long-lived particles decaying to leptons with large impact parameter in proton-proton collisions at .. <i>European Physical Journal C</i> , <b>2022</b> , 82, 153	4.2	0

14	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at .. <i>European Physical Journal C</i> , <b>2022</b> , 82, 290	4.2	○
13	Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	○
12	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	○
11	Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	○
10	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	○
9	Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	○
8	Search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	○
7	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	
6	Search for neutral color-octet weak-triplet scalar particles in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	
5	Comments and Reply on: Study of multi-muon events produced in ( $\bar{p}p$ ) interactions at ( $\sqrt{s}=1.96$ ) TeV. T. Aaltonen et al. (The CDF Collaboration). <i>European Physical Journal C</i> , <b>2010</b> , 68, 119-123	4.2	
4	Calculation of the electric field in GaAs particle detectors <b>1996</b> , 109, 1269-1275		
3	. <i>IEEE Transactions on Nuclear Science</i> , <b>1990</b> , 37, 1210-1215	1.7	
2	Study of dijet events with large rapidity separation in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	
1	Measurement of the inclusive $\overline{\text{t}}\text{t}$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	