

Andrew G Ivanov

List of Publications by Year in Descending Order

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

1,035
papers

47,471
citations

96
h-index

171
g-index

1,058
ext. papers

51,946
ext. citations

5.5
avg, IF

6.04
L-index

#	Paper	IF	Citations
1035	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> , 2022 , 2022, 1	5.4	0
1034	Search for flavor-changing neutral current interactions of the top quark and the Higgs boson decaying to a bottom quark-antiquark pair at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	1
1033	Search for long-lived particles decaying to leptons with large impact parameter in proton-proton collisions at .. <i>European Physical Journal C</i> , 2022 , 82, 153	4.2	0
1032	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> , 2022 , 2022, 1	5.4	
1031	High-precision measurement of the boson mass with the CDF II detector.. <i>Science</i> , 2022 , 376, 170-176	33.3	14
1030	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at .. <i>European Physical Journal C</i> , 2022 , 82, 290	4.2	0
1029	Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
1028	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
1027	Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
1026	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
1025	Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
1024	Search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
1023	Measurement of the inclusive $\overline{t}t$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	
1022	Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 970	4.2	3
1021	Measurements of production cross sections and constraints on anomalous triple gauge couplings at. <i>European Physical Journal C</i> , 2021 , 81, 200	4.2	5
1020	Development and validation of HERWIG7 tunes from CMS underlying-event measurements. <i>European Physical Journal C</i> , 2021 , 81, 312	4.2	1
1019	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at. <i>European Physical Journal C</i> , 2021 , 81, 378	4.2	5

1018	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 488	4.2	5
1017	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> , 2021 , 2021, 1	5.4	3
1016	Search for dark matter produced in association with a leptonically decaying boson in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 13	4.2	7
1015	Search for top squark pair production using dilepton final states in collision data collected at. <i>European Physical Journal C</i> , 2021 , 81, 3	4.2	5
1014	MUSiC: a model-unspecific search for new physics in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 629	4.2	4
1013	Search for a heavy vector resonance decaying to a W boson and a Higgs boson in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 688	4.2	0
1012	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 723	4.2	3
1011	Measurements of angular distance and momentum ratio distributions in three-jet and + two-jet final states in collisions. <i>European Physical Journal C</i> , 2021 , 81, 852	4.2	0
1010	Precision luminosity measurement in proton-proton collisions at in 2015 and 2016 at CMS. <i>European Physical Journal C</i> , 2021 , 81, 800	4.2	7
1009	Performance of the CMS Level-1 trigger in proton-proton collisions at \sqrt{s} = 13 TeV. <i>Journal of Instrumentation</i> , 2020 , 15, P10017-P10017	1	23
1008	Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	12
1007	Measurement of top quark pair production in association with a Z boson in proton-proton collisions at (\sqrt{s}) = 13 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
1006	Search for direct pair production of supersymmetric partners to the lepton in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 189	4.2	3
1005	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in collisions at and 5.02. <i>European Physical Journal C</i> , 2020 , 80, 534	4.2	6
1004	Measurement of electroweak production of a boson in association with two jets in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 43	4.2	6
1003	Evidence for (W)(W) production from double-parton interactions in proton-proton collisions at (\sqrt{s} = 13 ,text {TeV}). <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
1002	Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 75	4.2	24
1001	Searches for physics beyond the standard model with the variable in hadronic final states with and without disappearing tracks in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 3	4.2	16

1000	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. <i>European Physical Journal C</i> , 2020 , 80, 4	4.2	61
999	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> , 2020 , 2020, 1	5.4	7
998	A multi-dimensional search for new heavy resonances decaying to boosted $\gamma\gamma$ or boson pairs in the dijet final state at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020 , 80, 237	4.2	10
997	Measurement of single-diffractive dijet production in proton-proton collisions at $\sqrt{s} = 13$ TeV with the CMS and TOTEM experiments. <i>European Physical Journal C</i> , 2020 , 80, 1164	4.2	0
996	Measurement of differential cross sections and charge ratios for s -channel single top quark production in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020 , 80, 370	4.2	4
995	Measurement of $(\sigma_{\text{pp}}/\sigma_{\text{pp}}^{\text{SM}})$ normalised multi-differential cross sections in (pp) collisions at $(\sqrt{s}=13, \text{TeV})$, and simultaneous determination of the strong coupling strength, top quark pole mass, and parton distribution functions. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	13
994	A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution. <i>Computing and Software for Big Science</i> , 2020 , 4, 10	6	3
993	Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of Instrumentation</i> , 2020 , 15, P02027-P02027	1	11
992	Calibration of the CMS hadron calorimeters using proton-proton collision data at $\sqrt{s} = 13$ TeV. <i>Journal of Instrumentation</i> , 2020 , 15, P05002-P05002	1	
991	Study of central exclusive production in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020 , 80, 718	4.2	2
990	Search for physics beyond the standard model in events with jets and two same-sign or at least three charged leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020 , 80, 752	4.2	2
989	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 773	4.2	0
988	Search for resonant production of second-generation sleptons with same-sign dimuon events in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 305	4.2	2
987	Search for the pair production of light top squarks in the e^+e^- final state in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	4
986	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 421	4.2	153
985	Search for supersymmetry in events with a photon, jets, γ -jets, and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 444	4.2	1
984	Measurements of the $pp \rightarrow WZ$ inclusive and differential production cross sections and constraints on charged anomalous triple gauge couplings at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	10
983	Measurement of the production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 368	4.2	27

982	Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at ($\sqrt{s}=13,\text{TeV}$). <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
981	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 280	4.2	12
980	Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 364	4.2	18
979	Search for single production of vector-like quarks decaying to a top quark and a boson in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 90	4.2	6
978	Study of the underlying event in top quark pair production in collisions at 13. <i>European Physical Journal C</i> , 2019 , 79, 123	4.2	4
977	Search for rare decays of and Higgs bosons to and a photon in proton-proton collisions at = 13. <i>European Physical Journal C</i> , 2019 , 79, 94	4.2	7
976	Search for ($\overline{\text{t}}\text{H}$) production in the (H to $\overline{\text{b}}\text{b}$) decay channel with leptonic ($\overline{\text{t}}\text{t}$) decays in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	17
975	Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	7
974	Measurement of differential cross sections for inclusive isolated-photon and photon+jet production in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 20	4.2	4
973	Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	8
972	Search for a heavy resonance decaying to a top quark and a vector-like top quark in the lepton + jets final state in pp collisions at ($\sqrt{s}=13,\text{TeV}$). <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	6
971	Measurement of exclusive γ photoproduction in ultraperipheral pPb collisions at. <i>European Physical Journal C</i> , 2019 , 79, 702	4.2	13
970	Measurement of exclusive photoproduction from protons in Pb collisions at. <i>European Physical Journal C</i> , 2019 , 79, 277	4.2	19
969	Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at. <i>European Physical Journal C</i> , 2019 , 79, 564	4.2	20
968	Measurement of the top quark mass in the all-jets final state at and combination with the lepton+jets channel. <i>European Physical Journal C</i> , 2019 , 79, 313	4.2	13
967	Measurements of differential Z boson production cross sections in proton-proton collisions at (\sqrt{s}) = 13 TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	11
966	Measurements of triple-differential cross sections for inclusive isolated-photon+jet events in collisions at. <i>European Physical Journal C</i> , 2019 , 79, 969	4.2	1
965	Measurement of the differential Drell-Yan cross section in proton-proton collisions at (\sqrt{s}) = 13 TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	6

964	Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 893	4.2	6
963	Search for new physics in top quark production in dilepton final states in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 886	4.2	6
962	Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at. <i>European Physical Journal C</i> , 2018 , 78, 242	4.2	4
961	Pseudorapidity distributions of charged hadrons in proton-lead collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) and 8.16 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
960	Search for resonant and nonresonant Higgs boson pair production in the ($\mathrm{b}\overline{\mathrm{b}}\ell\ell$) final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	19
959	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s}=13$. <i>European Physical Journal C</i> , 2018 , 78, 291	4.2	17
958	Measurements of the production cross section and the branching fraction, and constraints on anomalous triple gauge couplings at. <i>European Physical Journal C</i> , 2018 , 78, 165	4.2	29
957	Measurement of associated Z + charm production in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 287	4.2	11
956	Measurement of the inclusive ($\mathrm{t}\overline{\mathrm{t}}$) cross section in pp collisions at ($\sqrt{s}=5.02$) TeV using final states with at least one charged lepton. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	3
955	Search for natural supersymmetry in events with top quark pairs and photons in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	
954	Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
953	Search for supersymmetry in events with at least three electrons or muons, jets, and missing transverse momentum in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
952	Combined search for electroweak production of charginos and neutralinos in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	45
951	Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	40
950	Measurement of differential cross sections in the kinematic angular variable ϕ^* for inclusive Z boson production in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
949	Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
948	Measurement of normalized differential ($\mathrm{t}\overline{\mathrm{t}}$) cross sections in the dilepton channel from pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12
947	Constraints on the double-parton scattering cross section from same-sign W boson pair production in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13

946	Search for ZZ resonances in the 2 ℓ final state in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	3
945	Jet properties in PbPb and pp collisions at ($\sqrt{s_{\mathrm{N};\mathrm{N}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	7
944	Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 140	4-2	20
943	Measurement of b hadron lifetimes in pp collisions at. <i>European Physical Journal C</i> , 2018 , 78, 457	4-2	9
942	Measurements of the ($\mathrm{p}\mathrm{p}\rightarrow\mathrm{Z}\mathrm{Z}$) production cross section and the ($\mathrm{Z}\rightarrow\mathrm{e}\mathrm{e}$) branching fraction, and constraints on anomalous triple gauge couplings at ($\sqrt{s}=13,\text{TeV}$) 2018 , 78, 1		3
941	Measurement of b hadron lifetimes in pp collisions at ($\sqrt{s}=8$) (TeV) 2018 , 78, 1		1
940	Search for ($\overline{\mathrm{t}}\mathrm{t}\mathrm{H}$) production in the all-jet final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	13
939	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> , 2018 , 2018, 1	5-4	7
938	Search for natural and split supersymmetry in proton-proton collisions at ($\sqrt{s}=13$) TeV in final states with jets and missing transverse momentum. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	39
937	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> , 2018 , 2018, 1	5-4	6
936	Measurement of the top quark mass with lepton+jets final states using collisions at. <i>European Physical Journal C</i> , 2018 , 78, 891	4-2	13
935	Measurements of Higgs boson properties in the diphoton decay channel in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	37
934	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> , 2018 , 2018, 1	5-4	11
933	Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	9
932	Search for third-generation scalar leptoquarks decaying to a top quark and a lepton at. <i>European Physical Journal C</i> , 2018 , 78, 707	4-2	23
931	Measurement of differential cross sections for boson production in association with jets in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 965	4-2	19
930	Studies of and mesons including the observation of the decay in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 939	4-2	12
929	Search for a heavy resonance decaying into a Z boson and a Z or W boson in 2 ℓ q final states at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	7

928	Measurement of charged particle spectra in minimum-bias events from proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 697	4.2	9
927	Search for lepton-flavor violating decays of heavy resonances and quantum black holes to e ℓ final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	3
926	Search for new physics in dijet angular distributions using proton-proton collisions at and constraints on dark matter and other models. <i>European Physical Journal C</i> , 2018 , 78, 789	4.2	19
925	Azimuthal correlations for inclusive 2-jet, 3-jet, and 4-jet events in pp collisions at ($\sqrt{s}=13$) TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	4
924	Search for high-mass resonances in final states with a lepton and missing transverse momentum at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
923	Measurement of the underlying event activity in inclusive Z boson production in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
922	Measurement of the cross section in pp collisions at and validation of lepton analysis techniques. <i>European Physical Journal C</i> , 2018 , 78, 708	4.2	5
921	Search for dark matter produced in association with a Higgs boson decaying to $\tau\tau$ ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
920	Search for a heavy resonance decaying to a pair of vector bosons in the lepton plus merged jet final state at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
919	Search for a heavy resonance decaying into a Z boson and a vector boson in the ($\nu\bar{\nu}\gamma$) final state. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
918	Measurement of the weak mixing angle using the forward-backward asymmetry of Drell-Yan events in collisions at 8. <i>European Physical Journal C</i> , 2018 , 78, 701	4.2	25
917	Measurement of prompt and nonprompt charmonium suppression in collisions at 5.02. <i>European Physical Journal C</i> , 2018 , 78, 509	4.2	37
916	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying $\ell\ell$ leptons at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	23
915	Electroweak production of two jets in association with a Z boson in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	12
914	Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	16
913	Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	10
912	Measurement of the inelastic proton-proton cross section at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	41
911	Search for high-mass resonances in dilepton final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	63

910	Search for the Exotic Meson X(5568) with the Collider Detector at Fermilab. <i>Physical Review Letters</i> , 2018 , 120, 202006	7.4	27
909	Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	28
908	Measurements of the [Formula: see text] production cross section in lepton+jets final states in pp collisions at 8 [Formula: see text] and ratio of 8 to 7 [Formula: see text] cross sections. <i>European Physical Journal C</i> , 2017 , 77, 15	4.2	19
907	Measurement of the [Formula: see text] production cross section using events in the [Formula: see text] final state in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 172	4.2	22
906	Measurement and QCD analysis of double-differential inclusive jet cross sections in pp collisions at ($\sqrt{s}=8$) TeV and cross section ratios to 2.76 and 7 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	34
905	Search for electroweak production of charginos in final states with two leptons in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
904	Measurement of the production cross section of a W boson in association with two b jets in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 92	4.2	7
903	Measurement of the WZ production cross section in pp collisions at [Formula: see text] and 8 [Formula: see text] and search for anomalous triple gauge couplings at [Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 236	4.2	21
902	Measurement of prompt and nonprompt [Formula: see text] production in [Formula: see text] and [Formula: see text] collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 269	4.2	26
901	A search for new phenomena in pp collisions at [Formula: see text] in final states with missing transverse momentum and at least one jet using the [Formula: see text] variable. <i>European Physical Journal C</i> , 2017 , 77, 294	4.2	21
900	Observation of the Y (4140) structure in the J/ψ mass spectrum in B [±] → J/ψ K [±] decays. <i>Modern Physics Letters A</i> , 2017 , 32, 1750139	1.3	27
899	Search for new physics in the monophoton final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	11
898	Measurement of double-differential cross sections for top quark pair production in pp collisions at [Formula: see text][Formula: see text] and impact on parton distribution functions. <i>European Physical Journal C</i> , 2017 , 77, 459	4.2	16
897	Measurement of the jet mass in highly boosted [Formula: see text] events from pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 467	4.2	14
896	Measurements of the associated production of a Z boson and b jets in pp collisions at. <i>European Physical Journal C</i> , 2017 , 77, 751	4.2	15
895	Measurement of the transverse momentum spectrum of the Higgs boson produced in pp collisions at ($\sqrt{s}=8$) TeV using H → WW decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
894	Charged-particle nuclear modification factors in PbPb and pPb collisions at ($\sqrt{s_{\mathrm{N};\mathrm{N}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	64
893	Search for ($\overline{\mathrm{t}}\mathrm{t}$) resonances in highly boosted lepton+jets and fully hadronic final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	17

892	Search for associated production of dark matter with a Higgs boson decaying to $(\overline{b}b)$ or $t\bar{t}$ ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9
891	Observation of $Y(1S)$ pair production in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	29
890	Search for anomalous Wtb couplings and flavour-changing neutral currents in t-channel single top quark production in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	26
889	Search for single production of vector-like quarks decaying to a Z boson and a top or a bottom quark in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	8
888	Measurement of the semileptonic $(t\bar{t}) + \ell\bar{\ell}$ production cross section in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
887	Measurements of the $pp \rightarrow W\ell$ and $pp \rightarrow Z\ell\ell$ cross sections and limits on anomalous quartic gauge couplings at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	2
886	Search for new phenomena with the variable in the all-hadronic final state produced in proton-proton collisions at. <i>European Physical Journal C</i> , 2017 , 77, 710	4.2	54
885	Measurements of differential production cross sections for a Z boson in association with jets in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	11
884	Search for heavy resonances decaying to tau lepton pairs in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	19
883	Search for electroweak production of a vector-like quark decaying to a top quark and a Higgs boson using boosted topologies in fully hadronic final states. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9
882	Measurement of the transverse momentum spectra of weak vector bosons produced in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	15
881	Suppression and azimuthal anisotropy of prompt and nonprompt [Formula: see text] production in PbPb collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 252	4.2	58
880	Searches for pair production of third-generation squarks in [Formula: see text][Formula: see text] pp collisions. <i>European Physical Journal C</i> , 2017 , 77, 327	4.2	17
879	Measurement of the top quark mass using single top quark events in proton-proton collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2017 , 77, 354	4.2	8
878	Searches for invisible decays of the Higgs boson in pp collisions at (\sqrt{s}) = 7, 8, and 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	74
877	Search for massive resonances decaying into WW, WZ or ZZ bosons in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	19
876	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at. <i>European Physical Journal C</i> , 2017 , 77, 845	4.2	22
875	Measurement of electroweak-induced production of $W\ell\ell$ with two jets in pp collisions at ($\sqrt{s}=8$) TeV and constraints on anomalous quartic gauge couplings. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9

874	Searches for W^\pm bosons decaying to a top quark and a bottom quark in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	7
873	Measurement of the inclusive energy spectrum in the very forward direction in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	5
872	Search for direct production of supersymmetric partners of the top quark in the all-jets final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	18
871	Search for electroweak production of charginos and neutralinos in WH events in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	11
870	Search for pair production of vector-like T and B quarks in single-lepton final states using boosted jet substructure in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	20
869	Search for top squark pair production in pp collisions at ($\sqrt{s}=13$) TeV using single lepton events. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	25
868	Search for top quark decays via Higgs-boson-mediated flavor-changing neutral currents in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	12
867	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 ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	14
866	Search for a heavy resonance decaying to a top quark and a vector-like top quark at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	4
865	Measurement of the D^+ -meson production cross section at low transverse momentum in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2017 , 95,	4-9	1
864	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. <i>European Physical Journal C</i> , 2017 , 77, 578	4-2	21
863	Search for top quark partners with charge 5/3 in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	3
862	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	21
861	Measurements of jet charge with dijet events in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	10
860	Search for associated production of a Z boson with a single top quark and for tZ flavour-changing interactions in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	10
859	Search for new physics with dijet angular distributions in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	11
858	Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	46
857	Search for third-generation scalar leptoquarks and heavy right-handed neutrinos in final states with two tau leptons and two jets in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	35

856	Search for new phenomena with multiple charged leptons in proton-proton collisions at ($\sqrt{s}=13$) (,text {TeV}). <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	2
855	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at. <i>European Physical Journal C</i> , 2017 , 77, 636	4.2	20
854	Search for high-mass Z resonances in e^+e^- and $q\bar{q}$ final states in proton-proton collisions at ($\sqrt{s}=8$) and 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
853	Search for heavy neutrinos or third-generation leptoquarks in final states with two hadronically decaying leptons and two jets in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	18
852	Search for CP violation in ($\overline{t}t$) production and decay in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
851	Measurement of the triple-differential dijet cross section in proton-proton collisions at and constraints on parton distribution functions. <i>European Physical Journal C</i> , 2017 , 77, 746	4.2	8
850	Search for a light pseudoscalar Higgs boson produced in association with bottom quarks in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
849	Search for supersymmetry in events with at least one photon, missing transverse momentum, and large transverse event activity in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
848	Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	77
847	Search for dark matter and unparticles in events with a Z boson and missing transverse momentum in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	16
846	Forward-backward asymmetry of Drell-Yan lepton pairs in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 325	4.2	13
845	Search for new physics in same-sign dilepton events in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 439	4.2	34
844	Measurement of the $B_c\bar{B}$ production cross section in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2016 , 93,	4.9	6
843	Measurement of the forward-backward asymmetry in low-mass bottom-quark pairs produced in proton-antiproton collisions. <i>Physical Review D</i> , 2016 , 93,	4.9	1
842	Measurement of the forward-backward asymmetry of top-quark and antiquark pairs using the full CDF Run II data set. <i>Physical Review D</i> , 2016 , 93,	4.9	6
841	Measurement of $\sin 2\beta_{\text{eff}}^{\text{lept}}$ using e^+e^- pairs from μ^0/Z bosons produced in pp collisions at a center-of-momentum energy of 1.96 TeV. <i>Physical Review D</i> , 2016 , 93,	4.9	9
840	Measurement of the single top quark production cross section and $ V_{tb} $ in 1.96 TeV pp collisions with missing transverse energy and jets and final CDF combination. <i>Physical Review D</i> , 2016 , 93,	4.9	3
839	Measurement of vector boson plus $D^{*(2010)+}$ meson production in $p\bar{p}$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2016 , 93,	4.9	3

838	Measurement of dijet azimuthal decorrelation in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 536	4.2	6
837	Search for dark matter particles in proton-proton collisions at ($\sqrt{s}=8$) TeV using the razor variables. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	2
836	Search for s channel single top quark production in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
835	Measurement of the WW and WZ production cross section using final states with a charged lepton and heavy-flavor jets in the full CDF Run II data set. <i>Physical Review D</i> , 2016 , 94,	4.9	3
834	Measurement of inclusive jet production and nuclear modifications in pPb collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 372	4.2	24
833	Measurement of differential and integrated fiducial cross sections for Higgs boson production in the four-lepton decay channel in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	15
832	Measurement of the ($\overline{\text{t}}\text{t}$) production cross section in the $\text{e}\overline{\text{e}}$ channel in proton-proton collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	30
831	Search for new physics with the M T2 variable in all-jets final states produced in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	16
830	Search for dark matter in proton-proton collisions at 8 TeV with missing transverse momentum and vector boson tagged jets. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	9
829	Evidence for exclusive $\text{B} \rightarrow \text{W} + \text{W}$ production and constraints on anomalous quartic gauge couplings in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	27
828	Search for supersymmetry in pp collisions at ($\sqrt{s}=13$) TeV in the single-lepton final state using the sum of masses of large-radius jets. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
827	Search for direct pair production of supersymmetric top quarks decaying to all-hadronic final states in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 460	4.2	14
826	Azimuthal decorrelation of jets widely separated in rapidity in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	9
825	Phenomenological MSSM interpretation of CMS searches in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	11
824	Measurement of the mass of the top quark in decays with a J/ψ meson in pp collisions at 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	5
823	Measurement of the inclusive jet cross section in pp collisions at ($\sqrt{s} = 2.76, \text{text {TeV}}$). <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	17
822	Measurement of [Formula: see text] production with additional jet activity, including [Formula: see text] quark jets, in the dilepton decay channel using pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 379	4.2	20
821	Measurement of the differential cross section and charge asymmetry for inclusive [Formula: see text] production at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2016 , 76, 469	4.2	37

820	Observation of top quark pairs produced in association with a vector boson in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	18
819	Search for $W \rightarrow tb$ in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	2
818	Correlations between jets and charged particles in PbPb and pp collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	21
817	Search for the production of an excited bottom quark decaying to tW in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	2
816	Search for excited leptons in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
815	Measurement of the [Formula: see text] production cross section in the all-jets final state in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 128	4.2	21
814	Event generator tunes obtained from underlying event and multiparton scattering measurements. <i>European Physical Journal C</i> , 2016 , 76, 155	4.2	250
813	Search for massive WH resonances decaying into the [Formula: see text] final state at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 237	4.2	19
812	Search for a massive resonance decaying into a Higgs boson and a W or Z boson in hadronic final states in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	14
811	Measurement of top quark polarisation in t-channel single top quark production. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
810	Search for heavy Majorana neutrinos in $e\bar{e}e\bar{e}+$ jets and $e\bar{e}\mu\bar{\mu}+$ jets events in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	28
809	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into $\mu\mu$ leptons in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	16
808	Measurement of differential cross sections for Higgs boson production in the diphoton decay channel in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 13	4.2	35
807	Search for new physics in final states with two opposite-sign, same-flavor leptons, jets, and missing transverse momentum in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
806	Decomposing transverse momentum balance contributions for quenched jets in PbPb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
805	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 451	4.2	36
804	Measurement of the [Formula: see text] cross section in pp collisions at [Formula: see text] TeV and limits on anomalous gauge couplings. <i>European Physical Journal C</i> , 2016 , 76, 401	4.2	38
803	Search for heavy resonances decaying to two Higgs bosons in final states containing four b quarks. <i>European Physical Journal C</i> , 2016 , 76, 371	4.2	25

802	Search for Higgs boson off-shell production in proton-proton collisions at 7 and 8 TeV and derivation of constraints on its total decay width. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	14
801	Search for lepton flavour violating decays of heavy resonances and quantum black holes to an [Formula: see text] pair in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 317	4.2	9
800	Measurement of electroweak production of a W boson and two forward jets in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	4
799	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> , 2016 , 2016, 1	5.4	21
798	Search for anomalous single top quark production in association with a photon in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	20
797	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> , 2016 , 2016, 1	5.4	6
796	Search for the associated production of a Higgs boson with a single top quark in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
795	Constraints on models of the Higgs boson with exotic spin and parity using decays to bottom-antibottom quarks in the full CDF data set. <i>Physical Review Letters</i> , 2015 , 114, 141802	7.4	1
794	Studies of high-transverse momentum jet substructure and top quarks produced in 1.96 TeV proton-antiproton collisions. <i>Physical Review D</i> , 2015 , 91,	4.9	1
793	Search for a standard model Higgs boson produced in association with a top-quark pair and decaying to bottom quarks using a matrix element method. <i>European Physical Journal C</i> , 2015 , 75, 251	4.2	55
792	Search for production of an $\Upsilon(1S)$ meson in association with a W or Z boson using the full 1.96 TeV pp collision data set at CDF. <i>Physical Review D</i> , 2015 , 91,	4.9	5
791	Measurement of central exclusive $\pi\pi$ production in pp collisions at $s=0.9$ and 1.96 TeV at CDF. <i>Physical Review D</i> , 2015 , 91,	4.9	19
790	Measurement of electroweak production of two jets in association with a Z boson in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 66	4.2	21
789	Measurements of differential and double-differential Drell-Yan cross sections in proton-proton collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 147	4.2	50
788	Search for decays of stopped long-lived particles produced in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 151	4.2	33
787	Measurement of the W boson helicity in events with a single reconstructed top quark in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	19
786	Measurement of the ratio of the production cross sections times branching fractions of $B \rightarrow J/\psi$ and $B \rightarrow J/\psi$ and $(\mathrm{mathcal{B}}\left(\mathrm{B}_{\mathrm{c}}^{\pm} \rightarrow \mathrm{J}/\psi \pi^{\pm} \right)/\mathrm{mathcal{B}}\left(\mathrm{B}_{\mathrm{c}}^{\pm} \rightarrow \mathrm{J}/\psi \pi^{\pm} \right))$ in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	13
785	Search for disappearing tracks in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	35

784	Study of Z production in PbPb and pp collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV in the dimuon and dielectron decay channels. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	18
783	Search for physics beyond the standard model in dilepton mass spectra in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	69
782	Measurement of the underlying event activity using charged-particle jets in proton-proton collisions at ($\sqrt{s}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	6
781	Measurement of differential production cross sections for Z/ γ bosons in association with jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2015 , 91,	4-9	7
780	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> , 2015 , 75, 235	4-2	250
779	Constraints on parton distribution functions and extraction of the strong coupling constant from the inclusive jet cross section in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 288	4-2	37
778	Nuclear effects on the transverse momentum spectra of charged particles in pPb collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 237	4-2	48
777	Distributions of topological observables in inclusive three- and four-jet events in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 302	4-2	4
776	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> , 2015 , 75, 325	4-2	24
775	Measurement of the top-quark mass in the $t\bar{t}$ dilepton channel using the full CDF Run II data set. <i>Physical Review D</i> , 2015 , 92,	4-9	4
774	Study of the energy dependence of the underlying event in proton-antiproton collisions. <i>Physical Review D</i> , 2015 , 92,	4-9	8
773	Measurement of the production and differential cross sections of W+W bosons in association with jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2015 , 91,	4-9	3
772	Search for Resonances Decaying to Top and Bottom Quarks with the CDF Experiment. <i>Physical Review Letters</i> , 2015 , 115, 061801	7-4	5
771	Search for physics beyond the standard model in events with two leptons, jets, and missing transverse momentum in pp collisions at (\sqrt{s}) = 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	22
770	Searches for supersymmetry using the M T2 variable in hadronic events produced in pp collisions at 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	26
769	Searches for third-generation squark production in fully hadronic final states in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	33
768	Search for the production of dark matter in association with top-quark pairs in the single-lepton final state in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	17
767	Search for a charged Higgs boson in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	61

766	Search for supersymmetry in the vector-boson fusion topology in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	11
765	Search for a light charged Higgs boson decaying to ($\overline{\mathrm{c}}\mathrm{s}$) in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1-37	5-4	33
764	Search for vector-like T quarks decaying to top quarks and Higgs bosons in the all-hadronic channel using jet substructure. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	16
763	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> , 2015 , 2015, 1	5-4	
762	Search for a Higgs boson in the mass range from 145 to 1000 GeV decaying to a pair of W or Z bosons. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	73
761	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> , 2015 , 75, 212	4-2	399
760	Measurement of the Z production cross section in pp collisions at 8 TeV and search for anomalous triple gauge boson couplings. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	7
759	Measurement of the inclusive 3-jet production differential cross section in proton-proton collisions at 7 TeV and determination of the strong coupling constant in the TeV range. <i>European Physical Journal C</i> , 2015 , 75, 186	4-2	41
758	Measurement of the differential cross section for top quark pair production in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 542	4-2	98
757	Measurements of the [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> , 2015 , 75, 511	4-2	25
756	First measurement of the forward-backward asymmetry in bottom-quark pair production at high mass. <i>Physical Review D</i> , 2015 , 92,	4-9	4
755	Search for neutral MSSM Higgs bosons decaying into a pair of bottom quarks. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	18
754	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> , 2014 , 2014, 1	5-4	43
753	Studies of azimuthal dihadron correlations in ultra-central PbPb collisions at ($\sqrt{s_{NN}}$) = 2.76 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	60
752	Measurement of associated W + charm production in pp collisions at (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	37
751	Search for new physics in events with same-sign dileptons and jets in pp collisions at (\sqrt{s}) = 8 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	38
750	Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at ($\sqrt{s_{NN}}$) = 5.02 (TeV). <i>European Physical Journal C</i> , 2014 , 74, 1	4-2	67
749	Measurement of WZ and ZZ production in pp collisions at [Formula: see text] in final states with b-tagged jets. <i>European Physical Journal C</i> , 2014 , 74, 2973	4-2	16

748	Search for invisible decays of Higgs bosons in the vector boson fusion and associated ZH production modes. <i>European Physical Journal C</i> , 2014 , 74, 2980	4.2	131
747	Measurement of jet multiplicity distributions in [Formula: see text] production in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 3014	4.2	11
746	Study of double parton scattering using W + 2-jet events in proton-proton collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	61
745	Event activity dependence of $(Y)(nS)$ production in $(\sqrt{s_{NN}}) = 5.02$ TeV pPb and $(\sqrt{s}) = 2.76$ TeV pp collisions. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	42
744	. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
743	Evidence for the 125 GeV Higgs boson decaying to a pair of ℓ leptons. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	101
742	Search for $W \rightarrow tb$ decays in the lepton + jets final state in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	23
741	Measurement of the triple-differential cross section for photon + jets production in proton-proton collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
740	Search for new physics in the multijet and missing transverse momentum final state in proton-proton collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	81
739	Measurement of the t-channel single-top-quark production cross section and of the $ V_{tb} $ CKM matrix element in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	48
738	Measurement of the production cross sections for a Z boson and one or more b jets in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	21
737	Search for pair production of excited top quarks in the lepton + jets final state. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	3
736	Search for massive resonances in dijet systems containing jets tagged as W or Z boson decays in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	74
735	Search for massive resonances decaying into pairs of boosted bosons in semi-leptonic final states at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	59
734	Measurement of the top-quark mass in all-jets [Formula: see text] events in pp collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2014 , 74, 2758	4.2	21
733	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> , 2014 , 74, 2847	4.2	71
732	Probing color coherence effects in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 2901	4.2	13
731	Indirect measurement of $\sin 2\alpha$ (or M_W) using $B \rightarrow \ell \bar{\nu} \ell$ pairs from $B \rightarrow Z$ bosons produced in pp collisions at a center-of-momentum energy of 1.96 TeV. <i>Physical Review D</i> , 2014 , 89,	4.9	16

730	Measurement of the single top quark production cross section and $ V_{tb} $ in events with one charged lepton, large missing transverse energy, and jets at CDF. <i>Physical Review Letters</i> , 2014 , 113, 261804	7.4	10
729	Measurement of the top-quark mass in the all-hadronic channel using the full CDF data set. <i>Physical Review D</i> , 2014 , 90,	4.9	7
728	Measurement of indirect CP-violating asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays at CDF. <i>Physical Review D</i> , 2014 , 90,	4.9	11
727	Search for heavy neutrinos and [Formula: see text] bosons with right-handed couplings in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 3149	4.2	149
726	Measurement of top quark-antiquark pair production in association with a W or Z boson in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 3060	4.2	29
725	Measurement of differential cross sections for the production of a pair of isolated photons in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 3129	4.2	29
724	Search for neutral MSSM Higgs bosons decaying to a pair of tau leptons in pp collisions. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	70
723	Measurement of pseudorapidity distributions of charged particles in proton-proton collisions at (\sqrt{s} = 8) TeV by the CMS and TOTEM experiments. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	37
722	Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and W, Z, and Higgs bosons in pp collisions at 8 TeV. <i>European Physical Journal C</i> , 2014 , 74, 3036	4.2	183
721	Measurement of prompt J/ψ pair production in pp collisions at (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	41
720	Mass and lifetime measurements of bottom and charm baryons in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2014 , 89,	4.9	18
719	Measurement of the ZZ production cross section using the full CDF II data set. <i>Physical Review D</i> , 2014 , 89,	4.9	7
718	Invariant-mass distribution of jet pairs produced in association with a W boson in pp collisions at $\sqrt{s}=1.96$ TeV using the full CDF Run II data set. <i>Physical Review D</i> , 2014 , 89,	4.9	5
717	Search for new physics in trilepton events and limits on the associated chargino-neutralino production at CDF. <i>Physical Review D</i> , 2014 , 90,	4.9	2
716	Measurement of the inclusive leptonic asymmetry in top-quark pairs that decay to two charged leptons at CDF. <i>Physical Review Letters</i> , 2014 , 113, 042001	7.4	22
715	Study of top quark production and decays involving a tau lepton at CDF and limits on a charged Higgs boson contribution. <i>Physical Review D</i> , 2014 , 89,	4.9	10
714	First search for exotic Z Boson decays into photons and neutral pions in hadron collisions. <i>Physical Review Letters</i> , 2014 , 112, 111803	7.4	9
713	Measurement of $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ in top-quark-pair decays using dilepton events and the full CDF Run II data set. <i>Physical Review Letters</i> , 2014 , 112, 221801	7.4	11

7 ¹²	Search for s-channel single-top-quark production in events with missing energy plus jets in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2014 , 112, 231805	7.4	9
7 ¹¹	Evidence for s-channel single-top-quark production in events with one charged lepton and two jets at CDF. <i>Physical Review Letters</i> , 2014 , 112, 231804	7.4	13
7 ¹⁰	Observation of the diphoton decay of the Higgs boson and measurement of its properties. <i>European Physical Journal C</i> , 2014 , 74, 3076	4.2	239
7 ⁰⁹	Study of orbitally excited B mesons and evidence for a new B resonance. <i>Physical Review D</i> , 2014 , 90,	4.9	40
7 ⁰⁸	Precise measurement of the W-boson mass with the Collider Detector at Fermilab. <i>Physical Review D</i> , 2014 , 89,	4.9	16
7 ⁰⁷	Measurements of direct CP-violating asymmetries in charmless decays of bottom baryons. <i>Physical Review Letters</i> , 2014 , 113, 242001	7.4	23
7 ⁰⁶	Search for the associated production of the Higgs boson with a top-quark pair. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	45
7 ⁰⁵	Study of hadronic event-shape variables in multijet final states in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	3
7 ⁰⁴	Search for standard model production of four top quarks in the lepton + jets channel in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
7 ⁰³	Identification techniques for highly boosted W bosons that decay into hadrons. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	32
7 ⁰²	Measurement of Higgs boson production and properties in the WW decay channel with leptonic final states. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	144
7 ⁰¹	Measurement of the ($\overline{t}t$) production cross section in the dilepton channel in pp collisions at (\sqrt{s}) = 8 TeV 2014 , 2014, 1		3
7 ⁰⁰	Search for the associated production of the Higgs boson with a top-quark pair 2014 , 2014, 1		6
6 ⁹⁹	Search for microscopic black holes in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	38
6 ⁹⁸	Measurement of the (Λ_{b}^0) lifetime in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	14
6 ⁹⁷	Searches for long-lived charged particles in pp collisions at (\sqrt{s}) =7 and 8 TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	96
6 ⁹⁶	Study of exclusive two-photon production of $W+W\gamma$ in pp collisions at ($\sqrt{s}=7$) TeV and constraints on anomalous quartic gauge couplings. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	56
6 ⁹⁵	Observation of a new boson with mass near 125 GeV in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	261

694	Search for the standard model Higgs boson produced in association with a top-quark pair in pp collisions at the LHC. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	35
693	Studies of jet mass in dijet and W/Z + jet events. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	39
692	Measurement of the $(\overline{\mathrm{t}}\mathrm{t})$ production cross section in the all-jet final state in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	14
691	Measurement of the X(3872) production cross section via decays to $J/\psi \pi\pi$ in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	44
690	Study of the underlying event at forward rapidity in pp collisions at $(\sqrt{s}=0.9, 2.76, \text{and } 7 \text{ TeV})$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	39
689	Search for new physics in events with photons, jets, and missing transverse energy in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	15
688	Search for new physics in events with same-sign dileptons and b jets in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	33
687	Search in leptonic channels for heavy resonances decaying to long-lived neutral particles. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	30
686	Search for exotic resonances decaying into WZ/ZZ in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	16
685	Search for the Higgs boson in the all-hadronic final state using the full CDF data set. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	5
684	Search for supersymmetry in pp collisions at [Formula: see text] TeV in events with a single lepton, jets, and missing transverse momentum. <i>European Physical Journal C</i> , 2013 , 73, 2404	4-2	15
683	Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE. <i>European Physical Journal C</i> , 2013 , 73, 2456	4-2	141
682	Search for a standard-model-like Higgs boson with a mass in the range 145 to 1000 GeV at the LHC. <i>European Physical Journal C</i> , 2013 , 73, 2469	4-2	49
681	Search for flavor changing neutral currents in top quark decays in pp collisions at 7 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 1252-1272	4-2	16
680	Search for supersymmetry in events with photons and low missing transverse energy in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 42-61	4-2	20
679	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> , 2013 , 722, 48-54	4-2	3
678	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $(\sqrt{s} = 0.9, 2.76 \text{ and } 7 \text{ TeV})$ measured by ALICE. <i>European Physical Journal C</i> , 2013 , 73, 1	4-2	23
677	Measurement of the W+W and ZZ production cross sections in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 721, 190-211	4-2	72

676	Observation of a diffractive contribution to dijet production in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , 2013 , 87,	4.9	20
675	Indirect measurement of $\sin 2\Phi$ (MW) using e^+e^- pairs in the Z-boson region with pp collisions at a center-of-momentum energy of 1.96 TeV. <i>Physical Review D</i> , 2013 , 88,	4.9	14
674	Measurement of the production cross section for $(\mathrm{Z})\gamma \rightarrow \nu \overline{\nu} \gamma$ in pp collisions at $(\sqrt{s}=7)$ TeV and limits on $ZZ\gamma$ and $Z\gamma\gamma$ triple gauge boson couplings. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	12
673	Measurement of the W-boson helicity in top-quark decays from $(\mathrm{t})\overline{(\mathrm{t})}$ production in lepton+jets events in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	25
672	Search for supersymmetry in hadronic final states with missing transverse energy using the variables and b-quark multiplicity in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2568	4.2	82
671	Measurement of the hadronic activity in events with a Z and two jets and extraction of the cross section for the electroweak production of a Z with two jets in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	10
670	Measurement of masses in the [Formula: see text] system by kinematic endpoints in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2494	4.2	37
669	Search for physics beyond the standard model in events with leptons, jets, and large transverse momentum imbalance in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2493	4.2	10
668	Measurement of the $(\mathrm{t})\overline{(\mathrm{t})}$ production cross section in the $\gamma\gamma$ jets channel in pp collisions at $(\sqrt{s}=7)$ TeV. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	21
667	Jet and underlying event properties as a function of charged-particle multiplicity in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2674	4.2	24
666	Search for top-squark pair production in the single-lepton final state in pp collisions at $(\sqrt{s}=8)$ TeV. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	162
665	Measurement of the differential and double-differential Drell-Yan cross sections in proton-proton collisions at $(\sqrt{s})=7$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	43
664	Measurement of the cross section and angular correlations for associated production of a Z boson with b hadrons in pp collisions at $(\sqrt{s})=7$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	26
663	Measurement of the ratio of the inclusive 3-jet cross section to the inclusive 2-jet cross section in pp collisions at $(\sqrt{s}=7)$ TeV and first determination of the strong coupling constant in the TeV range. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	50
662	Measurement of the $W+W\gamma$ cross section in pp collisions at $(\sqrt{s}=7)$ TeV and limits on anomalous $WW\gamma$ and WWZ couplings. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	56
661	Measurement of W-boson polarization in top-quark decay using the full CDF Run II data set. <i>Physical Review D</i> , 2013 , 87,	4.9	15
660	Search for narrow resonances and quantum black holes in inclusive and b-tagged dijet mass spectra from pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	37
659	Measurement of the ZZ production cross section and search for anomalous couplings in $2\gamma\gamma$ final states in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	39

658	Search for supersymmetry in final states with missing transverse energy and 0, 1, 2, or ≥ 3 b-quark jets in 7 TeV pp collisions using the variable \not{E}_T . <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	29
657	Search for heavy quarks decaying into a top quark and a W or Z boson using lepton + jets events in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	12
656	Measurement of the inelastic proton-proton cross section at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 722, 5-27	4.2	74
655	Event shapes and azimuthal correlations in Z+jets events in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 722, 238-261	4.2	30
654	Measurement of the σ_{inel} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 720, 83-104	4.2	42
653	Search for a narrow, spin-2 resonance decaying to a pair of Z bosons in the $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 1208-1228	4.2	9
652	Search for heavy narrow dilepton resonances in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 720, 63-82	4.2	78
651	Search for a χ_{c0} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 1229-1251	4.2	31
650	Search for anomalous production of highly boosted Z bosons decaying to $\mu^+\mu^-$ in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 722, 28-47	4.2	6
649	Multiplicity and transverse momentum dependence of two- and four-particle correlations in pPb and PbPb collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 213-240	4.2	315
648	Search for excited leptons in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 720, 309-329	4.2	8
647	Search for a Higgs boson decaying into a b-quark pair and produced in association with b quarks in proton-proton collisions at 7 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 722, 207-232	4.2	39
646	Search for long-lived particles in events with photons and missing energy in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 722, 273-294	4.2	28
645	Study of the mass and spin-parity of the Higgs boson candidate via its decays to Z boson pairs. <i>Physical Review Letters</i> , 2013 , 110, 081803	7.4	235
644	Search for heavy resonances in the W/Z-tagged dijet mass spectrum in pp collisions at 7 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 280-301	4.2	12
643	Studies of jet quenching using isolated-photon + jet correlations in PbPb and pp collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 773-794	4.2	109
642	Observation of long-range, near-side angular correlations in pPb collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 795-814	4.2	452
641	Search for new physics in events with opposite-sign leptons, jets, and missing transverse energy in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 815-840	4.2	20

640	Measurement of the sum of WW and WZ production with W+dijet events in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2283	4.2	45
639	Measurement of differential top-quark-pair production cross sections in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	102
638	Search for narrow resonances using the dijet mass spectrum in pp collisions at $s=8 \text{ TeV}$. <i>Physical Review D</i> , 2013 , 87,	4.9	63
637	Search for contact interactions in $\mu\mu$ events in pp collisions at $s=7 \text{ TeV}$. <i>Physical Review D</i> , 2013 , 87,	4.9	5
636	Combination of searches for the Higgs boson using the full CDF data set. <i>Physical Review D</i> , 2013 , 88,	4.9	14
635	Measurement of the mass difference between top and antitop quarks. <i>Physical Review D</i> , 2013 , 87,	4.9	9
634	Search for supersymmetry with like-sign lepton-tau events at CDF. <i>Physical Review Letters</i> , 2013 , 110, 201802	7.4	4
633	Search for Z γ resonances decaying to $t\bar{t}$ in dilepton+jets final states in pp collisions at $s=7 \text{ TeV}$. <i>Physical Review D</i> , 2013 , 87,	4.9	33
632	Searches for the Higgs boson decaying to $W+W\rightarrow\mu\mu$ with the CDF II detector. <i>Physical Review D</i> , 2013 , 88,	4.9	6
631	Observation of D \bar{D}^* mixing using the CDF II detector. <i>Physical Review Letters</i> , 2013 , 111, 231802	7.4	20
630	Updated search for the standard model Higgs boson in events with jets and missing transverse energy using the full CDF data set. <i>Physical Review D</i> , 2013 , 87,	4.9	12
629	Measurement of the top-quark pair-production cross section in events with two leptons and bottom-quark jets using the full CDF data set. <i>Physical Review D</i> , 2013 , 88,	4.9	11
628	Measurements of differential jet cross sections in proton-proton collisions at $s=7 \text{ TeV}$ with the CMS detector. <i>Physical Review D</i> , 2013 , 87,	4.9	85
627	Search for a dijet resonance in events with jets and missing transverse energy in pp collisions at $s=1.96 \text{ TeV}$. <i>Physical Review D</i> , 2013 , 88,	4.9	2
626	Search for new physics in final states with a lepton and missing transverse energy in pp collisions at the LHC. <i>Physical Review D</i> , 2013 , 87,	4.9	10
625	Search for fractionally charged particles in pp collisions at $s=7 \text{ TeV}$. <i>Physical Review D</i> , 2013 , 87,	4.9	32
624	Measurement of the μS , $\bar{\mu} S$, and $\bar{\mu} S$ polarizations in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. <i>Physical Review Letters</i> , 2013 , 110, 081802	7.4	71
623	Measurement of the cross section for prompt isolated diphoton production using the full CDF run II data sample. <i>Physical Review Letters</i> , 2013 , 110, 101801	7.4	16

622	Measurement of the azimuthal anisotropy of neutral pions in Pb-Pb collisions at $\sqrt{s}(\text{NN}) = 2.76$ TeV. <i>Physical Review Letters</i> , 2013 , 110, 042301	7.4	17
621	Evidence for associated production of a single top quark and W boson in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2013 , 110, 022003	7.4	54
620	Production of K_S^0 , $K^{*0}(892)$ and $\phi(1020)$ in minimum bias events and K_S^0 and ϕ in jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2013 , 88,	4.9	5
619	Search for pair-produced dijet resonances in four-jet final states in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2013 , 110, 141802	7.4	41
618	Signature-based search for delayed photons in exclusive photon plus missing transverse energy events from pp collisions with $s=1.96$ TeV. <i>Physical Review D</i> , 2013 , 88,	4.9	4
617	Measurement of the cross section for direct-photon production in association with a heavy quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2013 , 111, 042003	7.4	21
616	Search for pair production of strongly interacting particles decaying to pairs of jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2013 , 111, 031802	7.4	25
615	Measurement of the B_c meson lifetime in the decay $B_c \rightarrow J/\psi$. <i>Physical Review D</i> , 2013 , 87,	4.9	15
614	Search for contact interactions using the inclusive jet pT spectrum in pp collisions at $s=7$ TeV. <i>Physical Review D</i> , 2013 , 87,	4.9	10
613	Search for pair production of third-generation leptoquarks and top squarks in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2013 , 110, 081801	7.4	40
612	Search for supersymmetry in events with opposite-sign dileptons and missing transverse energy using an artificial neural network. <i>Physical Review D</i> , 2013 , 87,	4.9	13
611	Measurement of the elliptic anisotropy of charged particles produced in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2013 , 87,	2.7	148
610	Top-quark mass measurement in events with jets and missing transverse energy using the full CDF data set. <i>Physical Review D</i> , 2013 , 88,	4.9	11
609	Search for supersymmetry in final states with a single lepton, b-quark jets, and missing transverse energy in proton-proton collisions at $s=7$ TeV. <i>Physical Review D</i> , 2013 , 87,	4.9	9
608	Measurement of the differential cross section $d\sigma/d(\cos(\theta))$ for Top-Quark Pair Production in pp Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2013 , 111, 182002	7.4	21
607	Evidence for a bottom baryon resonance Λ_b^0 in CDF data. <i>Physical Review D</i> , 2013 , 88,	4.9	24
606	Search for $B_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ decays with the full CDF Run II data set. <i>Physical Review D</i> , 2013 , 87,	4.9	16
605	Measurement of associated production of vector bosons and top quark-antiquark pairs in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2013 , 110, 172002	7.4	34

604	Measurement of the leptonic asymmetry in $t\bar{t}$ events produced in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2013 , 88,	4.9	29
603	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. <i>Physical Review D</i> , 2013 , 87,	4.9	96
602	Exclusion of exotic top-like quarks with $\frac{4}{3}$ electric charge using jet-charge tagging in single-lepton $t\bar{t}$ events at CDF. <i>Physical Review D</i> , 2013 , 88,	4.9	16
601	Observation of the production of a W boson in association with a single charm quark. <i>Physical Review Letters</i> , 2013 , 110, 071801	7.4	20
600	Direct measurement of the total decay width of the top quark. <i>Physical Review Letters</i> , 2013 , 111, 202001.	7.4	27
599	Search for the production of ZW and ZZ boson pairs decaying into charged leptons and jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2013 , 88,	4.9	4
598	Search for resonant top-antitop production in the lepton plus jets decay mode using the full CDF data set. <i>Physical Review Letters</i> , 2013 , 110, 121802	7.4	15
597	Search for a two-Higgs-boson doublet using a simplified model in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2013 , 110, 121801	7.4	4
596	Measurement of $R=B(t\rightarrow Wb)/B(t\rightarrow Wq)$ in top-quark-pair decays using lepton+jets events and the full CDF run II dataset. <i>Physical Review D</i> , 2013 , 87,	4.9	14
595	Identification of b-quark jets with the CMS experiment. <i>Journal of Instrumentation</i> , 2013 , 8, P04013-P04013	4.9	376
594	Search for new physics in events with same-sign dileptons and b jets in pp collisions at ($\sqrt{s}=8$) TeV 2013 , 2013, 1		2
593	Measurement of the charge asymmetry in top-quark pair production in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 28-49	4.2	59
592	Combined results of searches for the standard model Higgs boson in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 26-48	4.2	437
591	Search for the standard model Higgs boson decaying to $\tau\tau$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 91-113	4.2	83
590	Measurement of isolated photon production in pp and PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 256-277	4.2	111
589	An additional study of multi-muon events produced in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 278-283	4.2	
588	Search for the standard model Higgs boson decaying to bottom quarks in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 284-306	4.2	57
587	Search for the standard model Higgs boson decaying into two photons in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 403-425	4.2	138

586	Search for large extra dimensions in dimuon and dielectron events in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 711, 15-34	4.2	16
585	Jet momentum dependence of jet quenching in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 712, 176-197	4.2	144
584	Study of high-p T charged particle suppression in PbPb compared to pp collisions at $(\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	316
583	Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at $(\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	158
582	Jet production rates in association with W and Z bosons in pp collisions at $(\sqrt{s}=7\mathrm{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	37
581	Exclusive $B \rightarrow \pi \pi$ production in proton-proton collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	45
580	Measurement of charm production at central rapidity in proton-proton collisions at $(\sqrt{s}=7\mathrm{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	122
579	Measurement of the production cross section for pairs of isolated photons in pp collisions at $(\sqrt{s}=7\mathrm{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	20
578	Inclusive b-jet production in pp collisions at $(\sqrt{s}=7\mathrm{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	30
577	Search for quark compositeness in dijet angular distributions from pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	12
576	Suppression of non-prompt J/ ψ prompt J/ ψ and $(\Upsilon)(1S)$ in PbPb collisions at $(\sqrt{s_{\mathrm{NN}}}=2.76)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	184
575	Search for heavy bottom-like quarks in 4.9 fb $^{-1}$ of pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	44
574	Measurement of the cross section for production of $(\overline{b} X)$ decaying to muons in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	3
573	Measurement of the $Z/\gamma + b$ -jet cross section in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	24
572	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at $(\sqrt{s}=7\mathrm{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	27
571	Search for anomalous production of multilepton events in pp collisions at $(\sqrt{s}=7\mathrm{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	65
570	Search for a light charged Higgs boson in top quark decays in pp collisions at $(\sqrt{s}=7\mathrm{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	101
569	Measurement of charm production at central rapidity in proton-proton collisions at $(\sqrt{s}=2.76\mathrm{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	102

568	Search for leptonic decays of W^\pm bosons in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	43
567	Search for stopped long-lived particles produced in pp collisions at ($\sqrt{s} = 7$ TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	17
566	Search for new physics in events with same-sign dileptons and b-tagged jets in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	24
565	Measurement of the underlying event activity in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV with the novel jet-area/median approach. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	11
564	Search for anomalous ($\overline{t}t$) production in the highly-boosted all-hadronic final state. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	57
563	Search for dark matter and large extra dimensions in monojet events in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	155
562	Search for a fermiophobic Higgs boson in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	13
561	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}} = 2.76$; TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	214
560	Search for supersymmetry in hadronic final states using M_{T2} in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	92
559	Measurement of jet fragmentation into charged particles in pp and PbPb collisions at ($\sqrt{s_{\mathrm{NN}}} = 2.76$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	73
558	Search for scalar top quark production in ($p\bar{p}$) collisions at ($\sqrt{s} = 1.96$; TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	16
557	Measurement of the ($\overline{t}t$) production cross section in the dilepton channel in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	64
556	Search for exclusive or semi-exclusive $\ell\bar{\ell}$ production and observation of exclusive and semi-exclusive $e^+e^-\ell\bar{\ell}$ production in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	45
555	Search for the standard model Higgs boson produced in association with W and Z bosons in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	6
554	Search for electroweak production of charginos and neutralinos using leptonic final states in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	41
553	Search for new physics with long-lived particles decaying to photons and missing energy in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	10
552	Search for resonant ($\overline{t}t$) production in lepton+jets events in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	25
551	Observation of Z decays to four leptons with the CMS detector at the LHC. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	30

550	Measurement of the single-top-quark t-channel cross section in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	70
549	Search for third-generation leptoquarks and scalar bottom quarks in pp collisions at ($\sqrt{s}=7$;TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	12
548	Measurement of the top-quark mass in ($\overline{\text{t}}\text{t}$) events with lepton+jets final states in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	30
547	Observation of a new boson at a mass of 125 GeV with the CMS experiment at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 30-61	4.2	5161
546	Measurement of the branching fraction $B(B^0 \rightarrow \pi^+ \pi^-)$ at CDF. <i>Physical Review D</i> , 2012 , 85,	4.9	4
545	Search for WZ+ZZ production with missing transverse energy+jets with b enhancement at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	4
544	Search for standard model Higgs boson production in association with a W boson at CDF. <i>Physical Review D</i> , 2012 , 85,	4.9	3
543	Measurement of CP-violating asymmetries in $D^0 \rightarrow \pi^+ \pi^-$ and $D^0 \rightarrow K^+ K^-$ decays at CDF. <i>Physical Review D</i> , 2012 , 85,	4.9	57
542	Search for new phenomena in events with two Z bosons and missing transverse momentum in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	3
541	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=7$ TeV in dilepton final states containing a τ <i>Physical Review D</i> , 2012 , 85,	4.9	31
540	Search for heavy neutrinos and W(R) bosons with right-handed couplings in a left-right symmetric model in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 261802	7.4	42
539	Search for Higgs bosons produced in association with b quarks. <i>Physical Review D</i> , 2012 , 85,	4.9	23
538	Measurement of the CP-violating phase $\arg(V_{cb} V_{ub}^*)$ in $B_s^0 \rightarrow J/\psi$ decays with the CDF II detector. <i>Physical Review D</i> , 2012 , 85,	4.9	32
537	Measurement of the masses and widths of the bottom baryons Λ_b and Λ_b^* . <i>Physical Review D</i> , 2012 , 85,	4.9	22
536	Measurement of the rapidity and transverse momentum distributions of Z bosons in pp collisions at ($s=7$) TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	77
535	Search for high-mass resonances decaying into ZZ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	11
534	A new boson with a mass of 125 GeV observed with the CMS experiment at the Large Hadron Collider. <i>Science</i> , 2012 , 338, 1569-75	33.3	71
533	Measurement of the B cross section and the Γ_b to B ratio with J/ψ decays in pp collisions at $s=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 136-137	4.2	30

532	Measurement of the top quark mass in the all-hadronic mode at CDF. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 24-31	4.2	15
531	Search for heavy long-lived charged particles in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 408-433	4.2	54
530	Search for narrow resonances in dilepton mass spectra in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 158-179	4.2	59
529	Study of W boson production in PbPb and pp collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 715, 66-87	4.2	76
528	Search for the standard model Higgs boson produced in association with a Z boson in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 715, 98-104	4.2	2
527	Search for heavy, top-like quark pair production in the dilepton final state in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 103-121	4.2	42
526	Search for high-mass resonances decaying into dilepton pairs in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 82-102	4.2	26
525	Measurement of the underlying event in the Drell-Yan process in proton-proton collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	30
524	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at ($\sqrt{s}=0.9, 2.76, 7 \text{ TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	24
523	Study of the inclusive production of charged pions, kaons, and protons in pp collisions at ($\sqrt{s} = 0.9, 2.76, 7 \text{ TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	133
522	Production of $K^*(892)^0$ and $\phi(1020)$ in pp collisions at ($\sqrt{s}=7 \text{ TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	99
521	A search for a doubly-charged Higgs boson in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	111
520	Measurement of the top-quark mass in ($t\bar{t}$) events with dilepton final states in pp collisions at ($\sqrt{s}=7 \text{ TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	36
519	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-proton collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	17
518	Measurement of the relative prompt production rate of $t\bar{t}$ and $b\bar{b}$ in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2251	4.2	46
517	Search for physics beyond the standard model in events with a Z boson, jets, and missing transverse energy in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 260-284	4.2	23
516	Search for a Higgs boson in the diphoton final state using the full CDF data set from . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 717, 173-181	4.2	14
515	Search for heavy Majorana neutrinos in $\mu\mu$ +jets and $e\mu$ +jets events in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 717, 109-128	4.2	41

514	Inclusive and differential measurements of the $t\bar{t}$ charge asymmetry in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 717, 129-130	4.2	57
513	Search for charge-asymmetric production of $t\bar{t}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 717, 351-370	4.2	13
512	Search for pair produced fourth-generation up-type quarks in pp collisions at $\sqrt{s}=7$ TeV with a lepton in the final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 307-328	4.2	33
511	Search for three-jet resonances in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 329-347	4.2	24
510	Search for heavy lepton partners of neutrinos in proton-proton collisions in the context of the type III seesaw mechanism. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 348-368	4.2	33
509	Performance of CMS muon reconstruction in pp collision events at $\sqrt{s}=7$ TeV. <i>Journal of Instrumentation</i> , 2012 , 7, P10002-P10002	1	398
508	Search for signatures of extra dimensions in the diphoton mass spectrum at the large hadron collider. <i>Physical Review Letters</i> , 2012 , 108, 111801	7.4	53
507	Precise measurement of the W-boson mass with the CDF II detector. <i>Physical Review Letters</i> , 2012 , 108, 151803	7.4	74
506	Forward energy flow, central charged-particle multiplicities, and pseudorapidity gaps in W and Z boson events from pp collisions at ($\sqrt{s}=7$) TeV. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	11
505	J/ψ and $\psi(2S)$ production in pp collisions at ($\sqrt{s}=7$ {\text{TeV}}). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	69
504	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 2\ell 2\ell$ channel in pp collisions at ($\sqrt{s}=7$){\text{TeV}}. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	24
503	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at ($\sqrt{s_{NN}}=2.76$){\text{TeV}}. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	51
502	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 4\ell$ decay channel in pp collisions at ($\sqrt{s}=7$){\text{TeV}}. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	11
501	Search for ($B_{\text{u}}^0 \rightarrow \ell^+ \ell^-$) and $B^0 \rightarrow \ell^+ \ell^-$ decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	52
500	Search for a Higgs boson in the decay channel $H \rightarrow ZZ(*) \rightarrow q(\overline{q}) \ell\ell$ in pp collisions at ($\sqrt{s}=7$)TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	21
499	Search for microscopic black holes in pp collisions at ($\sqrt{s}=7$ TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	34
498	Measurement of the inclusive production cross sections for forward jets and for dijet events with one forward and one central jet in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	13
497	Measurement of the mass difference between top and antitop quarks. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	13

496	Search for pair production of first- and second-generation scalar leptoquarks in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	28
495	Measurements of the angular distributions of muons from τ decays in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 151802	7.4	37
494	Search for a Higgs boson in the diphoton final state in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 011801	7.4	5
493	Transverse momentum cross section of $e+e\tau$ pairs in the Z-boson region from pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	24
492	Observation of exclusive τ production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 081801	7.4	30
491	Measurement of the pseudorapidity and centrality dependence of the transverse energy density in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 152303	7.4	55
490	Combination of the top-quark mass measurements from the Tevatron collider. <i>Physical Review D</i> , 2012 , 86,	4.9	104
489	Azimuthal anisotropy of charged particles at high transverse momenta in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 022301	7.4	95
488	Search for the standard model Higgs boson decaying to a $b\bar{b}$ pair in events with no charged leptons and large missing transverse energy using the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 111805	7.4	12
487	Search for a W' or techni- τ decaying into WZ in pp Collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 141801	7.4	26
486	Search for the standard model Higgs boson decaying to a $b\bar{b}$ pair in events with two oppositely charged leptons using the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 111803	7.4	25
485	Measurement of ZZ production in leptonic final states at \sqrt{s} of 1.96 TeV at CDF. <i>Physical Review Letters</i> , 2012 , 108, 101801	7.4	20
484	Search for new physics in the multijet and missing transverse momentum final state in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 171803	7.4	111
483	Search for a heavy vector boson decaying to two gluons in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	2
482	Search for new physics with same-sign isolated dilepton events with jets and missing transverse energy. <i>Physical Review Letters</i> , 2012 , 109, 071803	7.4	46
481	Search for the standard model Higgs boson in the decay channel $H\rightarrow ZZ\rightarrow 4\tau$ in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 111804	7.4	85
480	Production of Λ , Λ^0 , Ξ , and Ξ hyperons in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	2
479	Search for a light pseudoscalar Higgs boson in the dimuon decay channel in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 121801	7.4	51

478	Measurement of the electron charge asymmetry in inclusive W production in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 111806	7.4	65
477	Search for a low-mass standard model Higgs boson in the $\tau\tau$ decay channel in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 181804	7.4	12
476	Diffraction dijet production in $p\bar{p}$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	17
475	Precision top-quark mass measurement at CDF. <i>Physical Review Letters</i> , 2012 , 109, 152003	7.4	36
474	Search for supersymmetry in events with b-quark jets and missing transverse energy in pp collisions at 7 TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	18
473	Measurements of the top-quark mass and the $t\bar{t}$ cross section in the hadronic τ jets decay channel at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 192001	7.4	11
472	Search for the rare radiative decay $W \rightarrow \tau\gamma$ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	5
471	Search for dark matter in events with one jet and missing transverse energy in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 211804	7.4	63
470	Study of substructure of high transverse momentum jets produced in proton-antiproton collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	21
469	Inclusive search for squarks and gluinos in pp collisions at $s=7$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	40
468	Combined search for the quarks of a sequential fourth generation. <i>Physical Review D</i> , 2012 , 86,	4.9	23
467	Search for standard model Higgs boson production in association with a W boson using a matrix element technique at CDF in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	8
466	Search for anomalous production of multiple leptons in association with W and Z bosons at CDF. <i>Physical Review D</i> , 2012 , 85,	4.9	5
465	Combination of CDF and D0 measurements of the W boson helicity in top quark decays. <i>Physical Review D</i> , 2012 , 85,	4.9	34
464	Search for heavy metastable particles decaying to jet pairs in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	14
463	Search for a heavy particle decaying to a top quark and a light quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 211805	7.4	11
462	Measurement of the difference in CP-violating asymmetries in $D(0) \rightarrow K(+)K(-)$ and $D(0) \rightarrow \pi(+) \pi(-)$ decays at CDF. <i>Physical Review Letters</i> , 2012 , 109, 111801	7.4	77
461	Measurement of the bottom-strange meson mixing phase in the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 171802	7.4	46

460	Novel inclusive search for the Higgs boson in the four-lepton final state at CDF. <i>Physical Review D</i> , 2012 , 86,	4.9	7
459	Measurements of the angular distributions in the decays $B \rightarrow K^{(*)} \ell^+ \ell^-$ at CDF. <i>Physical Review Letters</i> , 2012 , 108, 081807	7.4	89
458	Search for the standard model Higgs boson produced in association with a W^\pm boson with 7.5 fb $^{-1}$ integrated luminosity at CDF. <i>Physical Review D</i> , 2012 , 86,	4.9	8
457	Search for the standard model Higgs boson decaying to a $b\bar{b}$ pair in events with one charged lepton and large missing transverse energy using the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 111804	7.4	25
456	Search for a dark matter candidate produced in association with a single top quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 201802	7.4	15
455	Evidence for a particle produced in association with weak bosons and decaying to a bottom-antibottom quark pair in higgs boson searches at the tevatron. <i>Physical Review Letters</i> , 2012 , 109, 071804	7.4	175
454	Combined search for the standard model Higgs boson decaying to a $b\bar{b}$ pair using the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 111802	7.4	22
453	Measurement of the WZ cross section and triple gauge couplings in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	24
452	Study of the Dijet mass spectrum in $pp \rightarrow W + \text{jets}$ events at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 251801	7.4	12
451	Measurement of $B_{s0} \rightarrow D_s^{(*)} + D_s^{(*)-}$ branching ratios. <i>Physical Review Letters</i> , 2012 , 108, 201801	7.4	15
450	Measurement of CP-violation asymmetries in $D^0 \rightarrow K_S^0 \pi^+ \pi^-$. <i>Physical Review D</i> , 2012 , 86,	4.9	10
449	Search for the standard model Higgs Boson produced in association with top quarks using the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 181802	7.4	13
448	Search for dark matter and large extra dimensions in pp collisions yielding a photon and missing transverse energy. <i>Physical Review Letters</i> , 2012 , 108, 261803	7.4	116
447	Observation of sequential Λ suppression in PbPb collisions. <i>Physical Review Letters</i> , 2012 , 109, 222301	7.4	172
446	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. <i>Physical Review D</i> , 2012 , 86,	4.9	16
445	Observation of a new Λ baryon. <i>Physical Review Letters</i> , 2012 , 108, 252002	7.4	57
444	Evidence for the charmless annihilation decay mode $B(s)(0) \rightarrow \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2012 , 108, 211803	7.4	32
443	Performance of ℓ -lepton reconstruction and identification in CMS. <i>Journal of Instrumentation</i> , 2012 , 7, P01001-P01001	1	81

442	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. <i>Physical Review D</i> , 2011 , 83,	4.9	219
441	Measurement of dijet angular distributions and search for quark compositeness in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 201804	7.4	45
440	Missing transverse energy performance of the CMS detector. <i>Journal of Instrumentation</i> , 2011 , 6, P09001-P09004		
439	Measurement of W and Z production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 701, 535-555	4.2	38
438	Measurement of the ratio of the 3-jet to 2-jet cross sections in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 702, 336-354	4.2	13
437	Search for first generation scalar leptoquarks in the $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 703, 246-266	4.2	11
436	Search for resonances in the dijet mass spectrum from 7 TeV pp collisions at CMS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 123-142	4.2	111
435	A search for excited leptons in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 143-162	4.2	8
434	Search for physics beyond the standard model using multilepton signatures in $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 411-433	4.2	28
433	Prompt and non-prompt J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	118
432	Strange particle production in proton-proton collisions at $\sqrt{s} = 0.9$ (TeV) with ALICE at the LHC. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	127
431	Production of pions, kaons and protons in pp collisions at $\sqrt{s} = 900$ (GeV) with ALICE at the LHC. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	176
430	Improved determination of the sample composition of dimuon events produced in $(\bar{p}p)$ collisions at $\sqrt{s} = 1.96$ TeV. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	1
429	Measurement of the $(\bar{t}t)$ production cross section in pp collisions at $\sqrt{s} = 7$ TeV using the kinematic properties of events with leptons and jets. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	35
428	Charged particle multiplicities in pp interactions at $\sqrt{s} = 0.9$, 2.36, and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	89
427	Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	104
426	Search for heavy stable charged particles in pp collisions at $\sqrt{s} = 7$ (TeV). <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	34
425	Inclusive b-hadron production cross section with muons in pp collisions at $\sqrt{s} = 7$ (TeV). <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	21

424	Measurement of ($\overline{B} B$) angular correlations based on secondary vertex reconstruction at ($\sqrt{s} = 7, \text{TeV}$). <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	27
423	Measurement of the lepton charge asymmetry in inclusive W production in pp collisions at ($\sqrt{s} = 7, \text{TeV}$). <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	38
422	Measurement of Bose-Einstein correlations in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	22
421	Strange particle production in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	78
420	Search for large extra dimensions in the diphoton final state at the Large Hadron Collider. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	21
419	Search for resonances in the dilepton mass distribution in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	32
418	Search for physics beyond the standard model in opposite-sign dilepton events in pp collisions at ($\sqrt{s} = 7, \text{TeV}$). <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	26
417	Search for new physics with same-sign isolated dilepton events with jets and missing transverse energy at the LHC. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	46
416	Search for supersymmetry in events with a lepton, a photon, and large missing transverse energy in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	10
415	Measurement of the ($t\bar{t}$) production cross section and the top quark mass in the dilepton channel in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	48
414	Long-range and short-range dihadron angular correlations in central PbPb collisions at ($\sqrt{s_{\text{NN}}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	56
413	Search for light resonances decaying into pairs of muons as a signal of new physics. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	12
412	Search for supersymmetry in events with b jets and missing transverse momentum at the LHC. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	28
411	Search for same-sign top-quark pair production at ($\sqrt{s} = 7$) TeV and limits on flavour changing neutral currents in the top sector. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	39
410	Charged particle transverse momentum spectra in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	44
409	Measurement of the inclusive Z cross section via decays to tau pairs in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	17
408	Dependence on pseudorapidity and on centrality of charged hadron production in PbPb collisions at ($\sqrt{s_{\text{NN}}} = 2.76$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	87
407	Search for new physics with jets and missing transverse momentum in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	46

406	Search for supersymmetry in pp collisions at ($\sqrt{s} = 7$) TeV in events with a single lepton, jets, and missing transverse momentum. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	32
405	Measurement of the underlying event activity at the LHC with ($\sqrt{s} = 7$) TeV and comparison with ($\sqrt{s} = 0.9$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	70
404	Measurement of the Drell-Yan cross section in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	32
403	Measurement of the inclusive W and Z production cross sections in pp collisions at ($\sqrt{s} = 7$) TeV with the CMS experiment. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	121
402	Measurement of energy flow at large pseudorapidities in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	19
401	Measurements of the properties of $\Lambda(2595)$, $\Lambda(2625)$, $\Lambda(2455)$, and $\Lambda(2520)$ baryons. <i>Physical Review D</i> , 2011 , 84,	4.9	42
400	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. <i>Physical Review D</i> , 2011 , 83,	4.9	16
399	Measurement of branching ratio and B_s^0 lifetime in the decay $B_s^0 \rightarrow J/\psi \phi(980)$ at CDF. <i>Physical Review D</i> , 2011 , 84,	4.9	46
398	Measurement of the $t\bar{t}$ production cross section in pp collisions at 7 TeV in lepton+jets events using b-quark jet identification. <i>Physical Review D</i> , 2011 , 84,	4.9	44
397	Top quark mass measurement using the template method at CDF. <i>Physical Review D</i> , 2011 , 83,	4.9	22
396	Measurement of $t\bar{t}$ spin correlation in pp collisions using the CDF II detector at the Tevatron. <i>Physical Review D</i> , 2011 , 83,	4.9	42
395	Search for $B(s)(0) \rightarrow \mu^+ \mu^-$ and $B(0) \rightarrow \mu^+ \mu^-$ decays with CDF II. <i>Physical Review Letters</i> , 2011 , 107, 191801	7.4	64
394	Measurement of the top-quark mass in the lepton+jets channel using a matrix element technique with the CDF II detector. <i>Physical Review D</i> , 2011 , 84,	4.9	7
393	Upsilon production cross section in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , 2011 , 83,	4.9	77
392	Measurement of the differential cross section for isolated prompt photon production in pp collisions at 7 TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	45
391	Search for the Higgs boson in the all-hadronic final state using the CDF II detector. <i>Physical Review D</i> , 2011 , 84,	4.9	3
390	Search for resonant production of $t\bar{t}$ pairs in 4.8 fb $^{-1}$ of integrated luminosity of pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	16
389	Measurement of event shapes in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2011 , 83,	4.9	11

388	Measurement of the $t\bar{t}$ production cross section with an in situ calibration of b-jet identification efficiency. <i>Physical Review D</i> , 2011 , 83,	4.9	5
387	Measurement of the B_s^0 Production Cross Section with $B_s^0 \rightarrow J/\psi$ Decays in pp Collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	31
386	Observation and studies of jet quenching in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2011 , 84,	2.7	395
385	Indications of suppression of excited Λ states in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 052302	7.4	137
384	First measurement of the cross section for top-quark pair production in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 695, 424-443	4.2	79
383	Search for microscopic black hole signatures at the Large Hadron Collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 697, 434-453	4.2	61
382	Search for a heavy gauge boson Z' . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 21-39	4.2	26
381	Search for supersymmetry in pp collisions at 7 TeV in events with jets and missing transverse energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 196-218	4.2	166
380	Measurement of the top quark mass in the lepton+jets channel using the lepton transverse momentum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 371-379	4.2	8
379	Measurement of $W+W$ production and search for the Higgs boson in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 699, 25-47	4.2	86
378	First measurement of hadronic event shapes in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 699, 48-67	4.2	35
377	Measurement of the differential dijet production cross section in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 700, 187-206	4.2	44
376	Search for a W' . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 701, 160-179	4.2	26
375	Search for a heavy bottom-like quark in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 701, 204-223	4.2	28
374	Measurement of the forward-backward asymmetry in the $B \rightarrow K^*(\ell^+\ell^-)$ decay and first observation of the $B(s)0 \rightarrow \gamma \ell^+\ell^-$ decay. <i>Physical Review Letters</i> , 2011 , 106, 161801	7.4	37
373	Measurement of the isolated prompt photon production cross section in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 082001	7.4	57
372	Measurement of the $B(+) \gamma$ production cross section in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 112001	7.4	59
371	Search for $B(s)(0) \rightarrow \mu^+\mu^-$ and $B(0) \rightarrow \mu^+\mu^-$ decays in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 191802	7.4	44

370	Search for pair production of second-generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 201803	7.4	13
369	Search for supersymmetry at the LHC in events with jets and missing transverse energy. <i>Physical Review Letters</i> , 2011 , 107, 221804	7.4	188
368	Search for a heavy toptlike quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 261801	7.4	28
367	Invariant mass distribution of jet pairs produced in association with a W boson in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 171801	7.4	105
366	Measurement of the B lifetime using a simulation free approach for trigger bias correction. <i>Physical Review D</i> , 2011 , 83,	4.9	7
365	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> , 2011 , 83,	4.9	22
364	Study of Z Boson Production in PbPb Collisions at $\sqrt{s}(NN)=2.76$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 212301	7.4	66
363	Search for heavy bottomlike quarks decaying to an electron or muon and jets in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 141803	7.4	50
362	Measurement of b hadron lifetimes in exclusive decays containing a J/ψ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 121804	7.4	23
361	Search for New T' particles in final states with large jet multiplicities and missing transverse energy in p p collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 191803	7.4	23
360	Search for supersymmetry in pp collisions at \sqrt{s} TeV in events with two photons and missing transverse energy. <i>Physical Review Letters</i> , 2011 , 106, 211802	7.4	45
359	Search for pair production of first-generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 201802	7.4	17
358	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> , 2011 , 83,	4.9	7
357	Measurement of the weak mixing angle with the Drell-Yan process in proton-proton collisions at the LHC. <i>Physical Review D</i> , 2011 , 84,	4.9	42
356	Measurement of the top pair production cross section in the lepton+jets channel using a jet flavor discriminant. <i>Physical Review D</i> , 2011 , 84,	4.9	10
355	Search for resonant production of tt decaying to jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	13
354	Measurement of the tt production cross section in pp collisions at $\sqrt{s}=1.96$ TeV using events with large missing transverse energy and jets. <i>Physical Review D</i> , 2011 , 84,	4.9	6
353	Measurement of the $B(s)0$ lifetime in fully and partially reconstructed $B(s)0 \rightarrow D(s)(-)(?)X$ decays in p p collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 272001	7.4	11

352	First search for multijet resonances in $\sqrt{s} = 1.96$ TeV pp collisions. <i>Physical Review Letters</i> , 2011 , 107, 042001	7.4	35
351	Measurement of the cross section for prompt isolated diphoton production in pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2011 , 107, 102003	7.4	7
350	Measurement of polarization and search for CP violation in $B(s)0 \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2011 , 107, 261802	7.4	24
349	Limits on anomalous trilinear gauge couplings in $Z \ell \ell$ events from pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 051802	7.4	24
348	Search for new physics with a monojet and missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 201804	7.4	49
347	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> , 2011 , 106, 191801	7.4	23
346	First measurement of the angular coefficients of Drell-Yan e^+e^- pairs in the Z mass region from pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 241801	7.4	38
345	Search for a vectorlike quark with charge 2/3 in $t+Z$ events from pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 271802	7.4	53
344	Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 132001	7.4	94
343	Evidence for $t\bar{t}$ production and measurement of $\sigma(t\bar{t})$. <i>Physical Review D</i> , 2011 , 84,	4.9	22
342	Measurement of the cross section for prompt isolated diphoton production in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	15
341	Measurement of the B^0 production cross section in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 252001	7.4	48
340	Search for three-jet resonances in pp collisions at square root(s)=7 TeV. <i>Physical Review Letters</i> , 2011 , 107, 101801	7.4	34
339	Search for a very light CP-odd Higgs boson in top quark decays from pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 031801	7.4	11
338	Observation of the baryonic flavor-changing neutral current decay $B(0) \rightarrow \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2011 , 107, 201802	7.4	95
337	Publisher's Note: Search for $B_s0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ decays with CDF II [Phys. Rev. Lett. 107, 191801 (2011)]. <i>Physical Review Letters</i> , 2011 , 107,	7.4	34
336	Search for neutral minimal supersymmetric standard model Higgs bosons decaying to tau pairs in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 231801	7.4	63
335	Observation of $B_s0 \rightarrow J/\psi^*(892)0$ and $B_s0 \rightarrow J/\psi S^0$ decays. <i>Physical Review D</i> , 2011 , 83,	4.9	20

334	Measurements of branching fraction ratios and CP-asymmetries in suppressed $B \rightarrow D(-\rightarrow K^+ \mu^- \bar{\nu}_\mu)$ and $B \rightarrow D(-\rightarrow K^+ \pi^- \bar{\nu}_\mu)$ decays. <i>Physical Review D</i> , 2011 , 84, 051801	4.9	15
333	Dijet azimuthal decorrelations in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 122003	7.4	48
332	Search for new dielectron resonances and Randall-Sundrum gravitons at the collider detector at Fermilab. <i>Physical Review Letters</i> , 2011 , 107, 051801	7.4	19
331	Measurement of the polarization of W bosons with large transverse momenta in W + jets events at the LHC. <i>Physical Review Letters</i> , 2011 , 107, 021802	7.4	37
330	Measurement of the t-channel single top quark production cross section in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 091802	7.4	63
329	Top-quark mass measurement using events with missing transverse energy and jets at CDF. <i>Physical Review Letters</i> , 2011 , 107, 232002	7.4	7
328	Measurements of direct CP violating asymmetries in charmless decays of strange bottom mesons and bottom baryons. <i>Physical Review Letters</i> , 2011 , 106, 181802	7.4	41
327	Observation of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , 2011 , 107, 102001	7.4	24
326	Search for stopped Gluinos in pp collisions at square root $s=7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 011801	7.4	38
325	Measurement of the mass difference between t and \bar{t} quarks. <i>Physical Review Letters</i> , 2011 , 106, 152001	7.4	24
324	Search for new physics in high pT like-sign dilepton events at CDF II. <i>Physical Review Letters</i> , 2011 , 107, 181801	7.4	16
323	Search for high mass resonances decaying to muon pairs in $\sqrt{s}=1.96$ TeV pp collisions. <i>Physical Review Letters</i> , 2011 , 106, 121801	7.4	26
322	Determination of jet energy calibration and transverse momentum resolution in CMS. <i>Journal of Instrumentation</i> , 2011 , 6, P11002-P11002	1	463
321	Measurement of energy flow at large pseudorapidities in pp collisions at ($\sqrt{s}=0.9$) and 7 TeV 2011 , 2011, 1		5
320	Search for R-parity violating decays of sneutrinos to $e\bar{\nu}\nu$ and $e\bar{\nu}\bar{\nu}$ pairs in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 191801	7.4	17
319	Search for quark compositeness with the dijet centrality ratio in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 262001	7.4	35
318	Search for technicolor particles produced in association with a W Boson at CDF. <i>Physical Review Letters</i> , 2010 , 104, 111802	7.4	6
317	Inclusive search for standard model Higgs boson production in the WW decay channel using the CDF II detector. <i>Physical Review Letters</i> , 2010 , 104, 061803	7.4	35

316	Measurement of the Λ_{b0} lifetime in $\Lambda_{b0} \rightarrow \Lambda_{b0}^+ \pi^-$ decays in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 104, 102002	7.4	24
315	Search for the production of scalar bottom quarks in pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 105, 081802	7.4	23
314	Transverse-momentum and pseudorapidity distributions of charged hadrons in pp collisions at square root of $s = 7$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 022002	7.4	353
313	Search for pair production of supersymmetric top quarks in dilepton events from pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 104, 251801	7.4	27
312	Improved search for a Higgs boson produced in association with $Z \rightarrow l^+ l^-$ in pp collisions $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 251802	7.4	9
311	Measurement of the $W^+ W^-$ production cross section and search for anomalous $WW\gamma$ and WWZ couplings in pp collisions at square root(s)=1.96 TeV. <i>Physical Review Letters</i> , 2010 , 104, 201801	7.4	55
310	Search for dijet resonances in 7 TeV pp collisions at CMS. <i>Physical Review Letters</i> , 2010 , 105, 211801	7.4	116
309	Measurement of the $WW + WZ$ production cross section using the lepton + jets final state at CDF II. <i>Physical Review Letters</i> , 2010 , 104, 101801	7.4	21
308	Exclusion of an exotic top quark with $-4/3$ electric charge using soft lepton tagging. <i>Physical Review Letters</i> , 2010 , 105, 101801	7.4	14
307	Measurement of W-boson polarization in Top-Quark Decay in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 042002	7.4	30
306	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> , 2010 , 104, 141801	7.4	10
305	First measurement of the b-jet cross section in events with a W boson in pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 104, 131801	7.4	32
304	Measurement of the top quark mass and $pp \rightarrow t\bar{t}$ cross section in the all-hadronic mode with the CDF II detector. <i>Physical Review D</i> , 2010 , 81,	4.9	25
303	Measurement of the $WW+WZ$ production cross section using a matrix element technique in lepton+jets events. <i>Physical Review D</i> , 2010 , 82,	4.9	8
302	Search for WW and WZ resonances decaying to electron, missing $E(T)$, and two jets in pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 104, 241801	7.4	26
301	Measurement of the ratio $\sigma(t\bar{t})/\sigma(Z/\gamma^* \rightarrow ll)$ and precise extraction of the $t\bar{t}$ cross section. <i>Physical Review Letters</i> , 2010 , 105, 012001	7.4	54
300	Search for new physics with a dijet plus missing $E(T)$ signature in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 131801	7.4	8
299	Search for supersymmetry with gauge-mediated breaking in diphoton events with missing transverse energy at CDF II. <i>Physical Review Letters</i> , 2010 , 104, 011801	7.4	31

298	Search for new bottomlike quark pair decays $QQ \rightarrow (tW(+)(-))(tW(+)(-))$ in same-charge dilepton events. <i>Physical Review Letters</i> , 2010 , 104, 091801	7.4	70
297	Top quark mass measurement in the lepton + jets channel using a matrix element method and in situ jet energy calibration. <i>Physical Review Letters</i> , 2010 , 105, 252001	7.4	34
296	Combination of Tevatron searches for the standard model Higgs boson in the $W+W^-$ decay mode. <i>Physical Review Letters</i> , 2010 , 104, 061802	7.4	104
295	Diffractional W and Z production at the Fermilab Tevatron. <i>Physical Review D</i> , 2010 , 82,	4.9	23
294	Direct top-quark width measurement at CDF. <i>Physical Review Letters</i> , 2010 , 105, 232003	7.4	23
293	Search for the supersymmetric partner of the top quark in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	19
292	Observation of single top quark production and measurement of $ V_{tb} $ with CDF. <i>Physical Review D</i> , 2010 , 82,	4.9	74
291	Studying the underlying event in Drell-Yan and high transverse momentum jet production at the Tevatron. <i>Physical Review D</i> , 2010 , 82,	4.9	45
290	Study of the associated production of photons and b-quark jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2010 , 81,	4.9	20
289	Measurement of Z production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	7
288	Search for anomalous production of events with two photons and additional energetic objects at CDF. <i>Physical Review D</i> , 2010 , 82,	4.9	12
287	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> , 2010 , 81,	4.9	6
286	Measurement of the top pair production cross section in the dilepton decay channel in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	28
285	Measurement of the top quark mass in the dilepton channel using m_{T2} at CDF. <i>Physical Review D</i> , 2010 , 81,	4.9	21
284	Measurements of branching fraction ratios and CP asymmetries in $B \rightarrow DCPK$ decays in hadron collisions. <i>Physical Review D</i> , 2010 , 81,	4.9	21
283	Updated 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> , 2010 , 82,	4.9	7
282	Measurements of the top-quark mass using charged particle tracking. <i>Physical Review D</i> , 2010 , 81,	4.9	19
281	Combined Tevatron upper limit on $gg \rightarrow H \rightarrow W+W^-$ and constraints on the Higgs boson mass in fourth-generation fermion models. <i>Physical Review D</i> , 2010 , 82,	4.9	31

280	Search for single top quark production in pp collisions at $\sqrt{s}=1.96$ TeV in the missing transverse energy plus jets topology. <i>Physical Review D</i> , 2010 , 81,	4.9	15
279	FIRST SEARCH FOR GRAVITATIONAL WAVES FROM THE YOUNGEST KNOWN NEUTRON STAR. <i>Astrophysical Journal</i> , 2010 , 722, 1504-1513	4.7	95
278	Study of multi-muon events produced in $(p\bar{p})$ interactions at $(\sqrt{s}=1.96)$ TeV. <i>European Physical Journal C</i> , 2010 , 68, 109-118	4.2	4
277	Comments and Reply on: Study of multi-muon events produced in $(p\bar{p})$ interactions at $(\sqrt{s}=1.96)$ TeV. T. Aaltonen et al. (The CDF Collaboration). <i>European Physical Journal C</i> , 2010 , 68, 119-123	4.2	
276	Charged-particle multiplicity measurement in proton-proton collisions at $(\sqrt{s}=0.9)$ and 2.36 TeV with ALICE at LHC. <i>European Physical Journal C</i> , 2010 , 68, 89-108	4.2	179
275	Charged-particle multiplicity measurement in proton-proton collisions at $(\sqrt{s}=7)$ TeV with ALICE at LHC. <i>European Physical Journal C</i> , 2010 , 68, 345-354	4.2	173
274	First measurement of the underlying event activity at the LHC with $(\sqrt{s} = 0.9)$ TeV. <i>European Physical Journal C</i> , 2010 , 70, 555-572	4.2	36
273	CMS tracking performance results from early LHC operation. <i>European Physical Journal C</i> , 2010 , 70, 1165-1192	4.2	99
272	Observation of long-range, near-side angular correlations in proton-proton collisions at the LHC. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	389
271	Search for new color-octet vector particle decaying to $\gamma\gamma$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 691, 183-190	4.2	16
270	Measurement of $\sigma_{\text{had}}^{\text{had}}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 692, 232-239	4.2	63
269	Measurement of the charge ratio of atmospheric muons with the CMS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 692, 83-104	4.2	32
268	Inclusive search for squark and gluino production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 121801	7.4	64
267	Search for high-mass resonances decaying to dimuons at CDF. <i>Physical Review Letters</i> , 2009 , 102, 091805	7.4	83
266	First observation of $B(s)(0) \rightarrow D(s)(\pm)K(\mp)$ and measurement of the ratio of branching fractions $B(B(s)(0) \rightarrow D(s)(\pm)K(\mp))/B(B(s)(0) \rightarrow D(s)(\pm)\pi(\mp))$. <i>Physical Review Letters</i> , 2009 , 103, 191802	7.4	17
265	Observation of new charmless decays of bottom hadrons. <i>Physical Review Letters</i> , 2009 , 103, 031801	7.4	40
264	First observation of vector boson pairs in a hadronic final state at the tevatron collider. <i>Physical Review Letters</i> , 2009 , 103, 091803	7.4	18
263	Search for Higgs bosons predicted in two-Higgs-doublet models via decays to tau lepton pairs in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , 2009 , 103, 201801	7.4	33

262	Direct bound on the total decay width of the top quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 042001	7.4	15
261	Search for long-lived massive charged particles in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , 2009 , 103, 021802	7.4	56
260	Search for maximal flavor violating scalars in same-charge lepton pairs in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 041801	7.4	22
259	Direct measurement of the W production charge asymmetry in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 181801	7.4	67
258	Search for the neutral current top quark decay $t \rightarrow Zc$ using the ratio of Z-boson+4 jets to W-boson+4 jets production. <i>Physical Review D</i> , 2009 , 80,	4.9	4
257	Measurement of resonance parameters of orbitally excited narrow B0 mesons. <i>Physical Review Letters</i> , 2009 , 102, 102003	7.4	32
256	Search for a Higgs boson decaying to two W bosons at CDF. <i>Physical Review Letters</i> , 2009 , 102, 021802	7.4	19
255	Search for anomalous production of events with a photon, jet, b-quark jet, and missing transverse energy. <i>Physical Review D</i> , 2009 , 80,	4.9	3
254	Search for exclusive Z-boson production and observation of high-mass $pp \rightarrow p\gamma\gamma p$ events in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 222002	7.4	54
253	Search for the production of narrow $t\bar{b}$ resonances in 1.9 fb ⁻¹ of pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 103, 041801	7.4	50
252	Evidence for a narrow near-threshold structure in the $J/\psi\pi^0$ mass spectrum in $B_c \rightarrow J/\psi\pi^0 K^0$ decays. <i>Physical Review Letters</i> , 2009 , 102, 242002	7.4	211
251	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> , 2009 , 79,	4.9	26
250	Search for a standard model Higgs boson in $WH \rightarrow l\nu b\bar{b}$ in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 103, 101802	7.4	30
249	Precision measurement of the X(3872) mass in $J/\psi \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2009 , 103, 152001	7.4	71
248	Search for the decays $B_{(s)} \rightarrow e^+ \mu^-$ and $B_{(s)} \rightarrow e^+ e^-$ in CDF run II. <i>Physical Review Letters</i> , 2009 , 102, 201801	7.4	31
247	Top quark mass measurement in the lepton plus jets channel using a modified matrix element method. <i>Physical Review D</i> , 2009 , 79,	4.9	15
246	Search for top-quark production via flavor-changing neutral currents in W+1 jet events at CDF. <i>Physical Review Letters</i> , 2009 , 102, 151801	7.4	51
245	Observation of exclusive charmonium production and $\gamma\gamma \rightarrow \mu^+ \mu^-$ in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 242001	7.4	126

244	Measurement of the $k(T)$ distribution of particles in jets produced in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 232002	7.4	10
243	Search for Gluino-Mediated Bottom Squark Production in pp Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 221801	7.4	13
242	First measurement of the $t\bar{t}$ differential cross section $d\sigma/dM_{t\bar{t}}$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 222003	7.4	113
241	Search for new physics in the $\mu e/\mu\mu$ T channel with a low- p_T lepton threshold at the Collider Detector at Fermilab. <i>Physical Review D</i> , 2009 , 79,	4.9	5
240	Search for high-mass e^+e^- resonances in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 031801	7.4	55
239	Search for the associated production of the standard-model Higgs Boson in the all-hadronic channel. <i>Physical Review Letters</i> , 2009 , 103, 221801	7.4	9
238	Search for a fermiophobic Higgs boson decaying into diphotons in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 103, 061803	7.4	24
237	Measurement of the top-quark mass with dilepton events selected using neuroevolution at CDF. <i>Physical Review Letters</i> , 2009 , 102, 152001	7.4	38
236	Observation of electroweak single top-quark production. <i>Physical Review Letters</i> , 2009 , 103, 092002	7.4	174
235	First measurement of the ratio of branching fractions $B(B^0 \rightarrow \bar{D}^+ \pi^-)/B(B^0 \rightarrow \bar{D}^+ \pi^0)$. <i>Physical Review D</i> , 2009 , 79,	4.9	16
234	Search for charged Higgs bosons in decays of top quarks in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 103, 101803	7.4	87
233	eXtremely Fast Tracker trigger upgrade at CDF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 598, 328-330 ^{1,2}		
232	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> , 2009 , 674, 160-167	4.2	17
231	Search for narrow resonances lighter than η mesons. <i>European Physical Journal C</i> , 2009 , 62, 319-326	4.2	6
230	Observation of the Λ_b baryon and measurement of the properties of the Λ_b and Λ_b baryons. <i>Physical Review D</i> , 2009 , 80,	4.9	41
229	Production of $\chi(2S)$ mesons in pp collisions at 1.96 TeV. <i>Physical Review D</i> , 2009 , 80,	4.9	37
228	Search for new particles decaying into dijets in proton-antiproton collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2009 , 79,	4.9	159
227	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> , 2009 , 80,	4.9	26

226	Search for the Higgs boson produced in association with $Z \rightarrow \mu\mu$ using the matrix element method at CDF II. <i>Physical Review D</i> , 2009 , 80,	4.9	9
225	Global search for new physics with 2.0 fb ⁻¹ at CDF. <i>Physical Review D</i> , 2009 , 79,	4.9	44
224	Measurement of the $t\bar{t}$ cross section in pp collisions at $s=1.96$ TeV using dilepton events with a lepton plus track selection. <i>Physical Review D</i> , 2009 , 79,	4.9	11
223	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> , 2009 , 80,	4.9	6
222	Measurement of the ratio of branching fractions $B(B \rightarrow J/\psi)/B(B \rightarrow J/\psi \gamma)$. <i>Physical Review D</i> , 2009 , 79,	4.9	2
221	Search for the rare decays $B^+ \rightarrow \mu^+ \bar{\nu}_\mu$, $B^0 \rightarrow \mu^\pm \bar{\nu}_\mu (892)^0$, and $B_s^0 \rightarrow \mu^\pm \bar{\nu}_\mu$ at CDF. <i>Physical Review D</i> , 2009 , 79,	4.9	18
220	Measurement of the $t\bar{t}$ production cross section in 2 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> , 2009 , 79,	4.9	13
219	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> , 2009 , 79,	4.9	10
218	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon b-tagged events. <i>Physical Review D</i> , 2009 , 80,	4.9	7
217	Search for WW and WZ production in lepton plus jets final state at CDF. <i>Physical Review D</i> , 2009 , 79,	4.9	1
216	Measurement of the fraction of $t\bar{t}$ production via gluon-gluon fusion in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2009 , 79,	4.9	12
215	Measurement of particle production and inclusive differential cross sections in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2009 , 79,	4.9	43
214	First simultaneous measurement of the top quark mass in the lepton+jets and dilepton channels at CDF. <i>Physical Review D</i> , 2009 , 79,	4.9	25
213	Measurement of the b-hadron production cross section using decays to $D^0 X$ final states in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2009 , 79,	4.9	18
212	Searching the inclusive $t \rightarrow b$ -quark signature for radiative top quark decay and non-standard-model processes. <i>Physical Review D</i> , 2009 , 80,	4.9	5
211	Measurement of the top quark mass at CDF using the Beutrinio ? weighting template method on a lepton plus isolated track sample. <i>Physical Review D</i> , 2009 , 79,	4.9	10
210	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> , 2008 , 100, 102001	7.4	60
209	The CMS experiment at the CERN LHC. <i>Journal of Instrumentation</i> , 2008 , 3, S08004-S08004	1	1276

208	Search for chargino-neutralino production in pp collisions at $\sqrt{s}=1.96$ TeV with high-pT leptons. <i>Physical Review D</i> , 2008 , 77,	4.9	11
207	The CDF II Level 1 Track Trigger Upgrade. <i>IEEE Transactions on Nuclear Science</i> , 2008 , 55, 126-132	1.7	
206	Observation of exclusive dijet production at the Fermilab Tevatron p <p> collider. <i>Physical Review D</i>, 2008, 77,</p>	4.9	62
205	First run II measurement of the W boson mass at the Fermilab Tevatron. <i>Physical Review D</i> , 2008 , 77,	4.9	44
204	Limits on the production of narrow tt resonances in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2008 , 77,	4.9	34
203	First measurement of the fraction of top-quark pair production through gluon-gluon fusion. <i>Physical Review D</i> , 2008 , 78,	4.9	9
202	Measurement of the cross section for W-boson production in association with jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2008 , 77,	4.9	59
201	Search for heavy, long-lived neutralinos that decay to photons at CDF II using photon timing. <i>Physical Review D</i> , 2008 , 78,	4.9	14
200	Search for third generation vector leptoquarks in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2008 , 77,	4.9	13
199	All-sky search for periodic gravitational waves in LIGO S4 data. <i>Physical Review D</i> , 2008 , 77,	4.9	98
198	Search for new heavy particles decaying to ZZ \rightarrow eeee in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2008 , 78,	4.9	4
197	Cross section measurements of high-pT dilepton final-state processes using a global fitting method. <i>Physical Review D</i> , 2008 , 78,	4.9	8
196	Model-independent and quasi-model-independent search for new physics at CDF. <i>Physical Review D</i> , 2008 , 78,	4.9	30
195	First measurement of W boson production in association with a single Charm quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 091803	7.4	32
194	Measurement of the inclusive jet cross section at the Fermilab Tevatron pp collider using a cone-based jet algorithm. <i>Physical Review D</i> , 2008 , 78,	4.9	119
193	Search for Bs0 \rightarrow micro+ micro- and B0 \rightarrow micro+ micro- decays with 2 fb ⁻¹ of pp collisions. <i>Physical Review Letters</i> , 2008 , 100, 101802	7.4	164
192	Search for the Higgs boson in events with missing transverse energy and b quark jets produced in pp collisions at square root(\sqrt{s})=1.96 TeV. <i>Physical Review Letters</i> , 2008 , 100, 211801	7.4	13
191	Search for standard model Higgs bosons produced in association with W bosons. <i>Physical Review Letters</i> , 2008 , 100, 041801	7.4	12

190	Search for pair production of scalar top quarks decaying to a tau lepton and a b quark in pp over collisions at sqrt s=1.96 TeV. <i>Physical Review Letters</i> , 2008 , 101, 071802	7.4	15
189	Measurement of the single-top-quark production cross section at CDF. <i>Physical Review Letters</i> , 2008 , 101, 252001	7.4	44
188	Measurement of b-jet shapes in inclusive jet production in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2008 , 78,	4.9	9
187	Two-particle momentum correlations in jets produced in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2008 , 77,	4.9	9
186	Measurement of correlated bb production in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2008 , 77,	4.9	22
185	Forward-backward asymmetry in top-quark production in pp collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , 2008 , 101, 202001	7.4	177
184	Measurement of ratios of fragmentation fractions for bottom hadrons in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2008 , 77,	4.9	26
183	First observation of the decay Bs0-->Ds-Ds+ and measurement of its branching ratio. <i>Physical Review Letters</i> , 2008 , 100, 021803	7.4	15
182	Search for supersymmetry in pp collisions at sqrt[s]=1.96 TeV Using the trilepton signature for chargino-neutralino production. <i>Physical Review Letters</i> , 2008 , 101, 251801	7.4	52
181	Strong evidence for ZZ production in pp collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , 2008 , 100, 201801	7.4	28
180	Search for standard model Higgs boson production in association with a W boson at CDF. <i>Physical Review D</i> , 2008 , 78,	4.9	10
179	Search for the Higgs boson produced in association with Z-->l+l in pp collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , 2008 , 101, 251803	7.4	4
178	Measurement of Lifetime and Decay-Width Difference in B_{s;0}-->J/psivarphi Decays. <i>Physical Review Letters</i> , 2008 , 100, 121803	7.4	36
177	Search for resonant tt production in pp collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , 2008 , 100, 231801	7.4	37
176	Observation of orbitally excited B(s) mesons. <i>Physical Review Letters</i> , 2008 , 100, 082001	7.4	73
175	Search for heavy tolike quarks using lepton plus jets events in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , 2008 , 100, 161803	7.4	30
174	Search for doubly charged Higgs bosons with lepton-flavor-violating decays involving tau leptons. <i>Physical Review Letters</i> , 2008 , 101, 121801	7.4	42
173	Search for the flavor-changing neutral-current decay t-->Zq in pp collisions at sqrt[s] = 1.96 TeV. <i>Physical Review Letters</i> , 2008 , 101, 192002	7.4	50

172	Evidence for D ⁰ -D ⁰ (0) mixing using the CDF II detector. <i>Physical Review Letters</i> , 2008 , 100, 121802	7.4	91
171	Observation of the decay B _c ⁺ → J/ψ π ⁺ and measurement of the B _c ⁺ mass. <i>Physical Review Letters</i> , 2008 , 100, 182002	7.4	90
170	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> , 2008 , 101, 181602	7.4	72
169	First flavor-tagged determination of bounds on mixing-induced CP violation in B _s ⁰ → J/ψ π ⁰ decays. <i>Physical Review Letters</i> , 2008 , 100, 161802	7.4	161
168	Direct measurement of the W Boson width in pp collisions at square roots = 1.96 TeV. <i>Physical Review Letters</i> , 2008 , 100, 071801	7.4	11
167	Cross-section-constrained top-quark mass measurement from dilepton events at the Tevatron. <i>Physical Review Letters</i> , 2008 , 100, 062005	7.4	15
166	Beating the Spin-Down Limit on Gravitational Wave Emission from the Crab Pulsar. <i>Astrophysical Journal</i> , 2008 , 683, L45-L49	4.7	148
165	Measurement of the B ⁺ production cross section in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2007 , 75,	4.9	45
164	Precision measurement of the top-quark mass from dilepton events at CDF II. <i>Physical Review D</i> , 2007 , 75,	4.9	26
163	Search for W [±] boson decaying to electron-neutrino pairs in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2007 , 75,	4.9	20
162	Search for new physics in lepton+photon+X events with 929 pb ⁻¹ of pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2007 , 75,	4.9	10
161	Searches for periodic gravitational waves from unknown isolated sources and Scorpius X-1: Results from the second LIGO science run. <i>Physical Review D</i> , 2007 , 76,	4.9	116
160	Search for exotic S=± baryons in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2007 , 75,	4.9	7
159	Measurement of the top quark mass in pp collisions at s=1.96 TeV using the decay length technique. <i>Physical Review D</i> , 2007 , 75,	4.9	12
158	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> , 2007 , 75,	4.9	24
157	Measurements of inclusive W and Z cross sections in p collisions at sqrt{s} = 1.96 TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007 , 34, 2457-2544	2.9	174
156	Limits on anomalous triple gauge couplings in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2007 , 76,	4.9	16
155	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> , 2007 , 76,	4.9	27

154	Measurement of the top-quark mass using missing ET+jets events with secondary vertex b-tagging at CDF II. <i>Physical Review D</i> , 2007 , 75,	4.9	7
153	The CDF II eXtremely Fast Tracker Upgrade. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 581, 482-484	1.2	1
152	The CDF II eXtremely Fast Tracker upgrade. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 572, 358-360	1.2	
151	Analysis of the quantum numbers J(PC) of the X(3872) particle. <i>Physical Review Letters</i> , 2007 , 98, 132002	7.4	159
150	Measurement of the $pp \rightarrow t\bar{t}$ 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> , 2007 , 76,	4.9	23
149	Search for exclusive gammagamma production in Hadron-Hadron collisions. <i>Physical Review Letters</i> , 2007 , 99, 242002	7.4	56
148	Measurement of the Lambda b0 lifetime in Lambda b0 \rightarrow J/psi Lambda 0 in pp collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 122001	7.4	22
147	Polarizations of J/psi and psi(2S) mesons produced in pp collisions at square root $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 99, 132001	7.4	165
146	Measurement of the ratios of branching fractions $B(B_0^s \rightarrow D_s^- \pi^+ \pi^+ \pi^-)/B(B_0 \rightarrow D^- \pi^+ \pi^+ \pi^-)$ and $B(B_0^s \rightarrow D_s^- \pi^+)/B(B_0 \rightarrow D^- \pi^+)$. <i>Physical Review Letters</i> , 2007 , 98, 061802	7.4	12
145	Measurement of the inclusive jet cross section using the kT algorithm in pp collisions at $\sqrt{s}=1.96$ TeV with the CDF II detector. <i>Physical Review D</i> , 2007 , 75,	4.9	89
144	Measurement of $\langle pp \rightarrow Z \rangle/B(Z \rightarrow \ell\bar{\ell})$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2007 , 75,	4.9	23
143	Search for chargino-neutralino production in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 99, 191806	7.4	9
142	Search for V+A current in top-quark decays in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 072001	7.4	21
141	Inclusive search for new physics with like-sign dilepton events in pp collisions at square root of $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 221803	7.4	39
140	Observation of the Heavy Baryons Sigma b and Sigma b*. <i>Physical Review Letters</i> , 2007 , 99, 202001	7.4	93
139	Upper limits on gravitational wave emission from 78 radio pulsars. <i>Physical Review D</i> , 2007 , 76,	4.9	109
138	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 $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 122002	7.4	19
137	Search for anomalous production of multilepton events in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 131804	7.4	14

136	Search for new particles leading to Z+jets final states in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2007 , 76,	4.9	28
135	Search for new physics in high-mass electron-positron events in pp collisions at square root $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 99, 171802	7.4	65
134	Observation of exclusive electron-positron production in hadron-hadron collisions. <i>Physical Review Letters</i> , 2007 , 98, 112001	7.4	67
133	First measurement of the W-boson mass in run II of the Tevatron. <i>Physical Review Letters</i> , 2007 , 99, 151801	7.4	37
132	Measurement of the top-quark mass in all-hadronic decays in pp collisions at CDF II. <i>Physical Review Letters</i> , 2007 , 98, 142001	7.4	24
131	Observation and mass measurement of the baryon Λ_b^- . <i>Physical Review Letters</i> , 2007 , 99, 052002	7.4	80
130	Precise measurement of the top-quark mass in the lepton+jets topology at CDF II. <i>Physical Review Letters</i> , 2007 , 99, 182002	7.4	24
129	Search for heavy long-lived particles that decay to photons at CDF II. <i>Physical Review Letters</i> , 2007 , 99, 121801	7.4	20
128	Observation of WZ production. <i>Physical Review Letters</i> , 2007 , 98, 161801	7.4	33
127	Search for high-mass diphoton states and limits on Randall-Sundrum gravitons at CDF. <i>Physical Review Letters</i> , 2007 , 99, 171801	7.4	19
126	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> , 2007 , 98, 251801	7.4	2
125	Measurement of $\sigma(\chi_{c2} B(\chi_{c2} \rightarrow J/\psi \gamma))/\sigma(\chi_{c1} B(\chi_{c1} \rightarrow J/\psi \gamma))$ in pp collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 232001	7.4	47
124	Search for high-mass resonances decaying to $e\mu$ in pp collisions at square root $\sqrt{s} = 1.69$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 211802	7.4	28
123	Evidence for the exclusive decay $B(c)^+ \rightarrow J/\psi \pi^+$ and measurement of the mass of the $B(c)^+$ meson. <i>Physical Review Letters</i> , 2006 , 96, 082002	7.4	69
122	Precision top-quark mass measurement in the lepton+jets topology in pp collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 022004	7.4	30
121	Measurement of the ratios of branching fractions and. <i>Physical Review Letters</i> , 2006 , 96, 191801	7.4	14
120	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> , 2006 , 96, 122001	7.4	33
119	Search for neutral Higgs bosons of the minimal supersymmetric standard model decaying to tau pairs in pp collisions at square root of $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 011802	7.4	61

118	Top-quark mass measurement from dilepton events at CDF II. <i>Physical Review Letters</i> , 2006 , 96, 152002	7.4	21
117	Measurement of the tt production cross section in pp collisions at square root $s = 1.96$ TeV using missing $E(T)$ + jets events with secondary vertex b tagging. <i>Physical Review Letters</i> , 2006 , 96, 202002	7.4	14
116	Measurement of the tt production cross section in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 97, 082004	7.4	59
115	Search for large extra dimensions in the production of jets and missing transverse energy in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 97, 171802	7.4	41
114	Top quark mass measurement from dilepton events at CDF II with the matrix-element method. <i>Physical Review D</i> , 2006 , 74,	4.9	22
113	Measurement of the top quark mass using template methods on dilepton events in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2006 , 73,	4.9	37
112	Search for a neutral Higgs boson decaying to a W boson pair in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 97, 081802	7.4	17
111	Measurement of the B_c^+ meson lifetime using the decay mode $B_c^+ \rightarrow J/\psi e^+ \nu_e$. <i>Physical Review Letters</i> , 2006 , 97, 012002	7.4	66
110	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> , 2006 , 96, 231801	7.4	11
109	Measurement of the dipion mass spectrum in decays. <i>Physical Review Letters</i> , 2006 , 96, 102002	7.4	104
108	Search for Higgs bosons decaying to bb and produced in association with W bosons in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 081803	7.4	9
107	Search for $Z' \rightarrow e^+ e^-$ using dielectron mass and angular distribution. <i>Physical Review Letters</i> , 2006 , 96, 211801	7.4	63
106	Search for charged Higgs bosons from top quark decays in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 042003	7.4	101
105	Direct search for Dirac magnetic monopoles in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 201801	7.4	37
104	Search for scalar bottom quarks from gluino decays in collisions at. <i>Physical Review Letters</i> , 2006 , 96, 171802	7.4	11
103	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> , 2006 , 97, 211802	7.4	50
102	Measurement of the B_s0 - B_s0 oscillation frequency. <i>Physical Review Letters</i> , 2006 , 97, 062003	7.4	133
101	Measurement of bottom-quark hadron masses in exclusive J/ψ decays with the CDF detector. <i>Physical Review Letters</i> , 2006 , 96, 202001	7.4	78

100	Observation of Bs(0)-Bs(0) oscillations. <i>Physical Review Letters</i> , 2006 , 97, 242003	7.4	274
99	Measurement of the azimuthal angle distribution of leptons from W boson decays as a function of the W transverse momentum in pp collisions at s=1.8 TeV. <i>Physical Review D</i> , 2006 , 73,	4.9	8
98	Search for excited and exotic muons in the muon decay channel in p-p collisions at sqrt s =1.96 TeV. <i>Physical Review Letters</i> , 2006 , 97, 191802	7.4	14
97	Measurement of the helicity of W bosons in top-quark decays. <i>Physical Review D</i> , 2006 , 73,	4.9	17
96	Measurement of the ratio of branching fractions B(D0->K+pi-)/B(D0->K0pi0) using the CDF II detector. <i>Physical Review D</i> , 2006 , 74,	4.9	13
95	Search for second-generation scalar leptoquarks in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2006 , 73,	4.9	21
94	Measurement of the top quark mass with the dynamical likelihood method using lepton plus jets events with b-tags in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2006 , 73,	4.9	20
93	Measurement of the inclusive jet cross section in pp interactions at s=1.96 TeV using a cone-based jet algorithm. <i>Physical Review D</i> , 2006 , 74,	4.9	30
92	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> , 2006 , 97, 031801	7.4	7
91	Measurement of the tt production cross section in pp collisions at s=1.96 TeV using lepton+jets events with jet probability b-tagging. <i>Physical Review D</i> , 2006 , 74,	4.9	68
90	Measurement of the b jet cross section in events with a Z boson in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2006 , 74,	4.9	20
89	Measurement of the tt production cross section in pp collisions at s=1.96 TeV in the all hadronic decay mode. <i>Physical Review D</i> , 2006 , 74,	4.9	13
88	Search for anomalous semileptonic decay of heavy flavor hadrons produced in association with a W boson at CDF II. <i>Physical Review D</i> , 2006 , 73,	4.9	3
87	Measurement of mass and width of the excited charmed meson states D10 and D2*0 at CDF. <i>Physical Review D</i> , 2006 , 73,	4.9	15
86	Top quark mass measurement using the template method in the lepton+jets channel at CDF II. <i>Physical Review D</i> , 2006 , 73,	4.9	112
85	A search for t->q in tt production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 639, 172-178	4.2	9
84	K0 and pi production studies in pp collisions at s=1800 and 630 GeV. <i>Physical Review D</i> , 2005 , 72,	4.9	23
83	Comparison of three-jet events in pp collisions at s=1.8 TeV to predictions from a next-to-leading order QCD calculation. <i>Physical Review D</i> , 2005 , 71,	4.9	3

82	Measurement of the forward-backward charge asymmetry from $W \rightarrow e\bar{\nu}$ production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	61
81	Study of jet shapes in inclusive jet production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	58
80	Measurements of bottom-antibottom azimuthal production correlations in proton-antiproton collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	25
79	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=1.96$ TeV using lepton plus jets events with semileptonic B decays to muons. <i>Physical Review D</i> , 2005 , 72,	4.9	31
78	Measurement of the forward-backward charge asymmetry of electron-positron pairs in $p\bar{p}$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	44
77	Search for scalar leptoquark pairs decaying to $lq\bar{q}$ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	7
76	Search for $B^0 \rightarrow p\bar{\nu}$ and $B^0 \rightarrow pK$ decays in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 72,	4.9	3
75	First all-sky upper limits from LIGO on the strength of periodic gravitational waves using the Hough transform. <i>Physical Review D</i> , 2005 , 72,	4.9	69
74	Measurement of the J/ψ meson and b-hadron production cross sections in pp collisions at $s=1960$ GeV. <i>Physical Review D</i> , 2005 , 71,	4.9	596
73	Search for first-generation scalar leptoquarks in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 72,	4.9	24
72	Measurement of the moments of the hadronic invariant mass distribution in semileptonic B decays. <i>Physical Review D</i> , 2005 , 71,	4.9	27
71	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> , 2005 , 71,	4.9	28
70	Search for ZZ and ZW production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	7
69	Search for anomalous production of diphoton events with missing transverse energy at CDF and limits on gauge-mediated supersymmetry-breaking models. <i>Physical Review D</i> , 2005 , 71,	4.9	21
68	Search for electroweak single-top-quark production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	32
67	Measurement of the W boson polarization in top decay at CDF at $s=1.8$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	22
66	Limits on gravitational-wave emission from selected pulsars using LIGO data. <i>Physical Review Letters</i> , 2005 , 94, 181103	7.4	109
65	Search for excited and exotic electrons in the egamma decay channel in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 94, 101802	7.4	25

64	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV using lepton + jets events with secondary vertex b -tagging. <i>Physical Review D</i> , 2005 , 71,	4.9	217
63	Publisher's Note: Search for scalar leptoquark pairs decaying to $lq\bar{q}$ in pp collisions at $\sqrt{s}=1.96$ TeV [Phys. Rev. D 71, 112001 (2005)]. <i>Physical Review D</i> , 2005 , 71,	4.9	4
62	Measurement of the cross section for $t\bar{t}$ production in pp collisions using the kinematics of lepton+jets events. <i>Physical Review D</i> , 2005 , 72,	4.9	34
61	Upper limits on gravitational wave bursts in LIGO's second science run. <i>Physical Review D</i> , 2005 , 72,	4.9	49
60	Search for Higgs bosons decaying into $b\bar{b}$ and produced in association with a vector boson in pp collisions at square root of $s = 1.8$ TeV. <i>Physical Review Letters</i> , 2005 , 95, 051801	7.4	13
59	Measurement of the $W^{+}W^{-}$ production cross section in pp collisions at square root $\sqrt{s}=1.96$ TeV using dilepton events. <i>Physical Review Letters</i> , 2005 , 94, 211801	7.4	23
58	Measurement of $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ at the collider detector at fermilab. <i>Physical Review Letters</i> , 2005 , 95, 102002	7.4	38
57	Search for new physics using high-mass tau pairs from 1.96 TeV pp collisions. <i>Physical Review Letters</i> , 2005 , 95, 131801	7.4	38
56	Search for anomalous kinematics in $t\bar{t}$ dilepton events at CDF II. <i>Physical Review Letters</i> , 2005 , 95, 022001	7.4	8
55	Measurement of the lifetime difference between B_s mass eigenstates. <i>Physical Review Letters</i> , 2005 , 94, 101803	7.4	50
54	Search for new high-mass particles decaying to Lepton pairs in pp collisions at square root $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 95, 252001	7.4	39
53	Search for supersymmetric Higgs bosons in the di-tau decay mode in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 2005 , 72,	4.9	8
52	Evidence for $B^0 \rightarrow \phi\phi$ decay and measurements of branching ratio and $A(\text{CP})$ for $B^+ \rightarrow \phi K^+$. <i>Physical Review Letters</i> , 2005 , 95, 031801	7.4	31
51	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> , 2005 , 95, 221805	7.4	33
50	Measurement of charged-particle multiplicities in gluon and quark jets in pp collisions at square root of $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 2005 , 94, 171802	7.4	13
49	Search for long-lived doubly charged Higgs bosons in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 95, 071801	7.4	27
48	First measurements of inclusive W and Z cross sections from run II of the fermilab tevatron collider. <i>Physical Review Letters</i> , 2005 , 94, 091803	7.4	97
47	Measurement of the cross section for prompt diphoton production in pp collisions at square root of $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 95, 022003	7.4	33

46	Measurement of partial widths and search for direct CP violation in D^0 meson decays to K^-K^+ and $\pi^-\pi^+$. <i>Physical Review Letters</i> , 2005 , 94, 122001	7.4	36
45	Measurement of W gamma and Z gamma production in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 94, 041803	7.4	30
44	SEARCH FOR ANOMALOUS KINEMATICS IN $\bar{t}t$ DILEPTON EVENTS AT CDF II. <i>International Journal of Modern Physics A</i> , 2005 , 20, 3218-3220	1.2	1
43	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> , 2004 , 93, 072001	7.4	469
42	Search for doubly charged Higgs bosons decaying to dileptons in pp collisions at square root of $s=1.96$ TeV. <i>Physical Review Letters</i> , 2004 , 93, 221802	7.4	88
41	Measurement of the average time-integrated mixing probability of b-flavored hadrons produced at the Fermilab Tevatron. <i>Physical Review D</i> , 2004 , 69,	4.9	14
40	Search for $B^0_s \rightarrow \mu^+ \mu^-$ and $B^0_d \rightarrow \mu^+ \mu^-$ decays in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2004 , 93, 032001	7.4	57
39	Search for Kaluza-Klein graviton emission in pp collisions at square root $[s] = 1.8$ TeV using the missing energy signature. <i>Physical Review Letters</i> , 2004 , 92, 121802	7.4	21
38	Optimized search for single-top-quark production at the Fermilab Tevatron. <i>Physical Review D</i> , 2004 , 69,	4.9	24
37	Measurement of the polar-angle distribution of leptons from W boson decay as a function of the W transverse momentum in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2004 , 70,	4.9	9
36	Underlying event in hard interactions at the Fermilab Tevatron p p collider. <i>Physical Review D</i> , 2004 , 70,	4.9	62
35	Heavy flavor properties of jets produced in pp interactions at $s=1.8$ TeV. <i>Physical Review D</i> , 2004 , 69,	4.9	15
34	Search for pair production of scalar top quarks in R-parity violating decay modes in pp collisions at square root of $s=1.8$ TeV. <i>Physical Review Letters</i> , 2004 , 92, 051803	7.4	18
33	Inclusive double-pomeron exchange at the fermilab tevatron p p collider. <i>Physical Review Letters</i> , 2004 , 93, 141601	7.4	10
32	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV using dilepton events. <i>Physical Review Letters</i> , 2004 , 93, 142001	7.4	55
31	Direct photon cross section with conversions at CDF. <i>Physical Review D</i> , 2004 , 70,	4.9	23
30	Setting upper limits on the strength of periodic gravitational waves from PSR J1939+2134 using the first science data from the GEO 600 and LIGO detectors. <i>Physical Review D</i> , 2004 , 69,	4.9	135
29	Inclusive search for anomalous production of high- p_T like-sign lepton pairs in pp collisions at square root $s = 1.8$ TeV. <i>Physical Review Letters</i> , 2004 , 93, 061802	7.4	9

28	Combination of CDF and D0 results on the W boson mass and width. <i>Physical Review D</i> , 2004 , 70,	4.9	41
27	Detector description and performance for the first coincidence observations between LIGO and GEO. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 517, 154-179	1.2	229
26	Search for lepton flavor violating decays of a heavy neutral particle in p(-)p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 2003 , 91, 171602	7.4	9
25	Momentum distribution of charged particles in jets in dijet events in pp collisions at $s=1.8$ TeV and comparisons to perturbative QCD predictions. <i>Physical Review D</i> , 2003 , 68,	4.9	36
24	Search for a W' boson decaying to a top and bottom quark pair in 1.8 TeV pp collisions. <i>Physical Review Letters</i> , 2003 , 90, 081802	7.4	20
23	Search for long-lived charged massive particles in pp collisions at square root $s = 1.8$ TeV. <i>Physical Review Letters</i> , 2003 , 90, 131801	7.4	46
22	Search for the supersymmetric partner of the top quark in dilepton events from pp collisions at square root of $s=1.8$ TeV. <i>Physical Review Letters</i> , 2003 , 90, 251801	7.4	17
21	Search for associated production of Upsilon and vector boson in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 2003 , 90, 221803	7.4	11
20	Measurement of prompt charm meson production cross sections in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2003 , 91, 241804	7.4	125
19	Central pseudorapidity gaps in events with a leading antiproton at the fermilab tevatron pp collider. <i>Physical Review Letters</i> , 2003 , 91, 011802	7.4	8
18	Search for the flavor-changing neutral current decay $D^0 \rightarrow \pi^0 \pi^0$ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2003 , 68,	4.9	8
17	Measurement of the mass difference $m(D_s^+) - m(D^+)$ at CDF II. <i>Physical Review D</i> , 2003 , 68,	4.9	10
16	Measurement of B-meson lifetimes using fully reconstructed B decays produced in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2002 , 65,	4.9	5
15	Branching ratio measurements of exclusive B+ decays to charmonium with the Collider Detector at Fermilab. <i>Physical Review D</i> , 2002 , 66,	4.9	12
14	Measurement of the strong coupling constant from inclusive jet production at the Tevatron pp collider. <i>Physical Review Letters</i> , 2002 , 88, 042001	7.4	35
13	Search for new physics in photon-lepton events in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2002 , 66,	4.9	14
12	Measurement of the ratio of b quark production cross sections in p p collisions at $s=630$ GeV and $s=1800$ GeV. <i>Physical Review D</i> , 2002 , 66,	4.9	22
11	Cross section for forward J/ψ production in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2002 , 66,	4.9	7

10	Upsilon production and polarization in p p macro collisions at square root of $s = 1.8$ TeV. <i>Physical Review Letters</i> , 2002 , 88, 161802	7.4	125
9	Search for the decay $B_s \rightarrow \mu^+ \mu^-$ in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2002 , 65,	4.9	6
8	Diffraction dijet production at $\sqrt{s} = 630$ and 1800 GeV at the Fermilab Tevatron. <i>Physical Review Letters</i> , 2002 , 88, 151802	7.4	18
7	Limits on extra dimensions and new particle production in the exclusive photon and missing energy signature in pp collisions at square root $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 2002 , 89, 281801	7.4	37
6	Soft and hard interactions in pp collisions at $s=1800$ and 630 GeV. <i>Physical Review D</i> , 2002 , 65,	4.9	40
5	Study of the heavy flavor content of jets produced in association with W bosons in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2002 , 65,	4.9	19
4	Comparison of the isolated direct photon cross sections in pp collisions at $s=1.8$ TeV and $s=0.63$ TeV. <i>Physical Review D</i> , 2002 , 65,	4.9	47
3	Search for new physics in photon-lepton events in pp collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 2002 , 89, 041802	7.4	16
2	Search for single-top-quark production in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2002 , 65,	4.9	42
1	Measurement of the B^+ total cross section and B^+ differential cross section $d\sigma/dp_T$ in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2002 , 65,	4.9	72