

Maria Agnese Ciocci

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.

877
papers

32,560
citations

80
h-index

130
g-index

890
ext. papers

35,313
ext. citations

5.2
avg, IF

5.82
L-index

#	Paper	IF	Citations
877	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
876	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
875	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
874	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	
873	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
872	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
871	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
870	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
869	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
868	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
867	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
866	Measurement of the inclusive $\overline{\text{t}}\text{t}$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	
865	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
864	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
863	Development and validation of HERWIG γ tunes from CMS underlying-event measurements. <i>European Physical Journal C</i> , 2021 , 81, 312	4.2	1
862	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
861	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

860	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
859	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
858	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
857	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
856	Search for a heavy vector resonance decaying to a Υ boson and a Higgs boson in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 688	4.2	0
855	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
854	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
853	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
852	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
851	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
850	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
849	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
848	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
847	Evidence for $(\text{W})\text{W}$ production from double-parton interactions in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
846	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
845	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
844	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
843	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

842	A multi-dimensional search for new heavy resonances decaying to boosted $t\bar{t}$, $b\bar{b}$, or boson pairs in the dijet final state at 13 TeV. <i>European Physical Journal C</i> , 2020 , 80, 237	4.2	10
841	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
840	Measurement of differential cross sections and charge ratios for $t\bar{t}$ -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
839	Measurement of $t\bar{t}$ normalised multi-differential cross sections in pp collisions at $(\sqrt{s}=13, \text{TeV})$, and simultaneous determination of the strong coupling strength, top quark pole mass, and parton distribution functions. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	13
838	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
837	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
836	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
835	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in pp collisions at $\sqrt{s}=13$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 773	4.2	0
834	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
833	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
832	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
831	Search for supersymmetry in events with a photon, jets, $t\bar{t}$ -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
830	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
829	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
828	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
827	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 280	4.2	12
826	Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 364	4.2	18
825	Search for single production of vector-like quarks decaying to a top quark and a boson in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 90	4.2	6

824	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
823	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
822	Search for $(\overline{\text{t}}\text{H})$ production in the $(\text{H})\text{to}\overline{\text{b}}\text{b}$ decay channel with leptonic $(\overline{\text{t}})$ decays in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	17
821	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
820	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
819	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
818	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
817	Measurement of exclusive photoproduction from protons in Pb collisions at. <i>European Physical Journal C</i> , 2019 , 79, 277	4.2	19
816	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
815	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
814	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
813	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
812	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
811	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
810	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at = 13. <i>European Physical Journal C</i> , 2018 , 78, 291	4.2	17
809	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
808	Measurement of associated Z + charm production in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 287	4.2	11
807	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

806	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
805	Measurement of b hadron lifetimes in pp collisions at. <i>European Physical Journal C</i> , 2018 , 78, 457	4.2	9
804	Measurements of the $(\mathrm{p}\mathrm{p}\rightarrow\mathrm{Z}\mathrm{Z})$ production cross section and the $(\mathrm{Z}\rightarrow 4\ell)$ branching fraction, and constraints on anomalous triple gauge couplings at $(\sqrt{s} = 13, \text{TeV})$ 2018 , 78, 1		3
803	Measurement of b hadron lifetimes in pp collisions at $(\sqrt{s} = 8)$ (TeV) 2018 , 78, 1		1
802	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
801	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
800	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
799	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
798	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
797	Search for $\mathrm{Z}\gamma$ 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
796	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
795	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
794	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
793	Studies of η and mesons including the observation of the decay in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 939	4.2	12
792	Search for a heavy resonance decaying into a Z boson and a Z or W boson in $2\ell\mathrm{q}$ final states at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
791	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
790	Azimuthal correlations for inclusive 2-jet, 3-jet, and 4-jet events in pp collisions at $(\sqrt{s}= 13\sim\text{TeV})$. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	4
789	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

788	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
787	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
786	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
785	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
784	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
783	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying leptons at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	23
782	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
781	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
780	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
779	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
778	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
777	Measurements of the WZ production cross section in lepton+jets final states in pp collisions at 8 TeV and ratio of 8 to 7 TeV cross sections. <i>European Physical Journal C</i> , 2017 , 77, 15	4-2	19
776	Measurement of the WZ production cross section using events in the WZ final state in pp collisions at 8 TeV. <i>European Physical Journal C</i> , 2017 , 77, 172	4-2	22
775	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
774	Measurement of the production cross section of a W boson in association with two b jets in pp collisions at 8 TeV. <i>European Physical Journal C</i> , 2017 , 77, 92	4-2	7
773	Measurement of the WZ production cross section in pp collisions at 8 TeV and search for anomalous triple gauge couplings at 8 TeV. <i>European Physical Journal C</i> , 2017 , 77, 236	4-2	21
772	A search for new phenomena in pp collisions at 8 TeV in final states with missing transverse momentum and at least one jet using the M_{T2} variable. <i>European Physical Journal C</i> , 2017 , 77, 294	4-2	21
771	Observation of the $Y(4140)$ structure in the J/ψ mass spectrum in $B\rightarrow J/\psi K$ decays. <i>Modern Physics Letters A</i> , 2017 , 32, 1750139	1-3	27

770	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
769	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
768	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
767	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
766	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
765	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
764	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
763	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
762	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
761	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
760	Measurement of the ($\overline{\mathrm{t}}\mathrm{t}$) 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
759	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
758	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
757	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
756	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
755	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
754	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
753	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

752	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
751	Search for vectorlike charge 2/3 T quarks in proton-proton collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , 2016 , 93,	4.9	66
750	Search for single production of scalar leptoquarks in proton-proton collisions at $s=8$ TeV. <i>Physical Review D</i> , 2016 , 93,	4.9	21
749	Measurements of $t\bar{t}$ spin correlations and top quark polarization using dilepton final states in pp collisions at $s=8$ TeV. <i>Physical Review D</i> , 2016 , 93,	4.9	21
748	Measurement of the top quark mass using charged particles in pp collisions at $s=8$ TeV. <i>Physical Review D</i> , 2016 , 93,	4.9	10
747	Search for pair-produced vectorlike B quarks in proton-proton collisions at $s=8$ TeV. <i>Physical Review D</i> , 2016 , 93,	4.9	35
746	Measurement of Long-Range Near-Side Two-Particle Angular Correlations in pp Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , 2016 , 116, 172302	7.4	90
745	Search for resonant $t\bar{t}$ production in proton-proton collisions at $s=8$ TeV. <i>Physical Review D</i> , 2016 , 93,	4.9	48
744	Search for pair production of first and second generation leptoquarks in proton-proton collisions at $s=8$ TeV. <i>Physical Review D</i> , 2016 , 93,	4.9	39
743	Measurement of the charge asymmetry in top quark pair production in pp collisions at $s=8$ TeV using a template method. <i>Physical Review D</i> , 2016 , 93,	4.9	11
742	Search for dark matter and unparticles produced in association with a Z boson in proton-proton collisions at $s=8$ TeV. <i>Physical Review D</i> , 2016 , 93,	4.9	18
741	Measurement of the top quark mass using proton-proton data at $\sqrt{s}=7$ and 8 TeV. <i>Physical Review D</i> , 2016 , 93,	4.9	69
740	Study of B Meson Production in p+Pb Collisions at $\sqrt{s(NN)}=5.02$ TeV Using Exclusive Hadronic Decays. <i>Physical Review Letters</i> , 2016 , 116, 032301	7.4	19
739	Measurement of the Top Quark Pair Production Cross Section in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , 2016 , 116, 052002	7.4	28
738	Measurement of dijet azimuthal decorrelation in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 536	4.2	6
737	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
736	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
735	Measurement of the $(\overline{\text{t}}\text{t})$ production cross section in the $e\bar{e}$ 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

734	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
733	Measurement of the inclusive jet cross section in pp collisions at ($\sqrt{s} = 2.76$,text {TeV}). <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	17
732	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
731	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
730	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
729	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
728	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
727	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
726	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
725	Measurement of the ratio $B(Bs_0 \rightarrow J/\psi(980))/B(Bs_0 \rightarrow J/\psi(1020))$ in pp collisions at $s=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 756, 84-102	4.2	4
724	Search for neutral MSSM Higgs bosons decaying to $\mu\mu$ in pp collisions at $s=7$ and 8 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 752, 221-246	4.2	11
723	Search for a Higgs boson decaying into $\mu\mu$ with low dilepton mass in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 341-362	4.2	13
722	Search for $W \rightarrow \tau \nu$ decaying to tau lepton and neutrino in proton-proton collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 755, 196-216	4.2	14
721	Search for a low-mass pseudoscalar Higgs boson produced in association with a $b\bar{b}$ pair in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 758, 296-320	4.2	20
720	Measurement of spin correlations in $t\bar{t}$ production using the matrix element method in the muon+jets final state in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 758, 321-346	4.2	10
719	A search for pair production of new light bosons decaying into muons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 752, 146-168	4.2	51
718	Transverse momentum spectra of inclusive b jets in pPb collisions at $s_{\mathrm{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 754, 59-80	4.2	22
717	Search for supersymmetry in the multijet and missing transverse momentum final state in pp collisions at 13 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 758, 152-180	4.2	30

716	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
715	Event generator tunes obtained from underlying event and multiparton scattering measurements. <i>European Physical Journal C</i> , 2016 , 76, 155	4.2	250
714	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
713	Search for new phenomena in monophoton final states in proton-proton collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 755, 102-124	4.2	42
712	Measurement of the CP-violating weak phase γ_s and the decay width difference $\Delta\Gamma$ using the $B_s^0 \rightarrow J/\psi(1020)$ decay channel in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 757, 97-120	4.2	26
711	Inclusive and differential measurements of the $t\bar{t}$ charge asymmetry in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 757, 154-179	4.2	15
710	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
709	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
708	Search for Narrow Resonances Decaying to Dijets in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , 2016 , 116, 071801	7.4	96
707	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into τ leptons in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	16
706	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
705	Searches for a heavy scalar boson H decaying to a pair of 125 GeV Higgs bosons hh or for a heavy pseudoscalar boson A decaying to Zh, in the final states with $h \rightarrow \tau\tau$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 755, 217-244	4.2	46
704	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
703	Trapping in proton irradiated p+-n-n+silicon sensors at fluences anticipated at the HL-LHC outer tracker. <i>Journal of Instrumentation</i> , 2016 , 11, P04023-P04023	1	8
702	Reconstruction and identification of τ lepton decays to hadrons and B_t at CMS. <i>Journal of Instrumentation</i> , 2016 , 11, P01019-P01019	1	75
701	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
700	Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 757, 6-31	4.2	5
699	Angular analysis of the decay $B^0 \rightarrow K^*0 \mu\mu$ from pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 424-448	4.2	59

698	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
697	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
696	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
695	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
694	Search for new resonances decaying via WZ to leptons in proton-proton collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 740, 83-104	4-2	47
693	Measurement of the $pp \rightarrow ZZ$ production cross section and constraints on anomalous triple gauge couplings in four-lepton final states at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 740, 250-272	4-2	38
692	Differential cross section measurements for the production of a W boson in association with jets in proton-proton collisions at $s=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 741, 12-37	4-2	37
691	Measurement of the production cross section ratio $\sigma(B(1P))/\sigma(B(1P))$ in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 383-402	4-2	14
690	Search for stealth supersymmetry in events with jets, either photons or leptons, and low missing transverse momentum in pp collisions at 8 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 503-525	4-2	17
689	Search for a standard model-like Higgs boson in the $\mu\mu$ and $e+e$ decay channels at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 744, 184-207	4-2	59
688	Searches for supersymmetry based on events with b jets and four W bosons in pp collisions at 8 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 745, 5-28	4-2	20
687	Search for quark contact interactions and extra spatial dimensions using dijet angular distributions in proton-proton collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 746, 79-99	4-2	21
686	Measurement of the cross section ratio $\sigma(t\bar{t}b\bar{b})/\sigma(t\bar{t}j\bar{j})$ in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 746, 132-153	4-2	15
685	Measurements of jet multiplicity and differential production cross sections of Z+jets events in proton-proton collisions at $s=7$ TeV. <i>Physical Review D</i> , 2015 , 91,	4-9	24
684	Search for long-lived neutral particles decaying to quark-antiquark pairs in proton-proton collisions at $s=8$ TeV. <i>Physical Review D</i> , 2015 , 91,	4-9	83
683	Search for long-lived particles that decay into final states containing two electrons or two muons in proton-proton collisions at $s=8$ TeV. <i>Physical Review D</i> , 2015 , 91,	4-9	62
682	Search for monotop signatures in proton-proton collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , 2015 , 114, 101801	7-4	25
681	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

680	Search for displaced supersymmetry in events with an electron and a muon with large impact parameters. <i>Physical Review Letters</i> , 2015 , 114, 061801	7.4	39
679	Measurement of J/ψ and $\Upsilon(2S)$ Prompt Double-Differential Cross Sections in pp Collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2015 , 114, 191802	7.4	41
678	Study of vector boson scattering and search for new physics in events with two same-sign leptons and two jets. <i>Physical Review Letters</i> , 2015 , 114, 051801	7.4	62
677	Search for resonances and quantum black holes using dijet mass spectra in proton-proton collisions at $s=8$ TeV. <i>Physical Review D</i> , 2015 , 91,	4.9	152
676	Search for supersymmetry using razor variables in events with b-tagged jets in pp collisions at $s=8$ TeV. <i>Physical Review D</i> , 2015 , 91,	4.9	41
675	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
674	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
673	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
672	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
671	Measurement of the ratio of the production cross sections times branching fractions of $B \rightarrow J/\psi \mu \mu$ and $B \rightarrow J/\psi \mu \mu$ and $(\text{mathrm{mathcal{B}}}\left(\text{mathrm{B}}\right)\left(\text{mathrm{c}}\right)^{\text{pm}}\text{to}\text{mathrm{J}}/\psi\left\{\text{pi}\right\}^{\text{pm}}\left\{\text{pi}\right\}^{\text{pm}}\left\{\text{pi}\right\}^{\text{mp}}\text{right})/\text{mathrm{mathcal{B}}}\left(\text{mathrm{B}}\right)\left(\text{mathrm{c}}\right)^{\text{pm}}\text{to}\text{mathrm{J}}/\psi\left\{\text{pi}\right\}^{\text{pm}}\text{right})$ in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> ,	5.4	13
670	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
669	Study of Z production in PbPb and pp collisions at $(\sqrt{s_{\text{NN}}}=2.76)$ TeV in the dimuon and dielectron decay channels. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	18
668	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
667	Observation of the rare $B(s)0 \rightarrow \mu^+\mu^-$ decay from the combined analysis of CMS and LHCb data. <i>Nature</i> , 2015 , 522, 68-72	50.4	326
666	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
665	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
664	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
663	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

662	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
661	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
660	Angular coefficients of Z bosons produced in pp collisions at $\sqrt{s}=8\text{ TeV}$ and decaying to $\mu\mu$ as a function of transverse momentum and rapidity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 750, 154-175	4.2	42
659	Evidence for transverse-momentum- and pseudorapidity-dependent event-plane fluctuations in PbPb and pPb collisions. <i>Physical Review C</i> , 2015 , 92,	2.7	104
658	Search for physics beyond the standard model in final states with a lepton and missing transverse energy in proton-proton collisions at $\sqrt{s}=8\text{ TeV}$. <i>Physical Review D</i> , 2015 , 91,	4.9	61
657	Study of final-state radiation in decays of Z bosons produced in pp collisions at 7 TeV. <i>Physical Review D</i> , 2015 , 91,	4.9	4
656	Measurement of diffractive dissociation cross sections in pp collisions at $\sqrt{s}=7\text{ TeV}$. <i>Physical Review D</i> , 2015 , 92,	4.9	29
655	Constraints on the spin-parity and anomalous HVV couplings of the Higgs boson in proton collisions at 7 and 8 TeV. <i>Physical Review D</i> , 2015 , 92,	4.9	142
654	Limits on the Higgs boson lifetime and width from its decay to four charged leptons. <i>Physical Review D</i> , 2015 , 92,	4.9	37
653	Evidence for Collective Multiparticle Correlations in p-Pb Collisions. <i>Physical Review Letters</i> , 2015 , 115, 012301	7.4	145
652	Performance of the CMS missing transverse momentum reconstruction in pp data at $\sqrt{s}=8\text{ TeV}$. <i>Journal of Instrumentation</i> , 2015 , 10, P02006-P02006	1	84
651	Search for physics beyond the standard model in events with two leptons, jets, and missing transverse momentum in pp collisions at $(\sqrt{s})=8\text{ TeV}$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
650	Search for third-generation scalar leptoquarks in the $t\bar{t}$ channel in proton-proton collisions at $(\sqrt{s}=8)\text{ TeV}$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	19
649	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
648	Searches for third-generation squark production in fully hadronic final states in proton-proton collisions at $(\sqrt{s}=8)\text{ TeV}$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	33
647	Search for the production of dark matter in association with top-quark pairs in the single-lepton final state in proton-proton collisions at $(\sqrt{s}=8)\text{ TeV}$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	17
646	Search for a charged Higgs boson in pp collisions at $(\sqrt{s}=8)\text{ TeV}$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	61
645	Search for supersymmetry in the vector-boson fusion topology in proton-proton collisions at $(\sqrt{s}=8)\text{ TeV}$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	11

644	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
643	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	
642	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
641	Precise determination of the mass of the Higgs boson and tests of compatibility of its couplings with the standard model predictions using proton collisions at 7 and 8 TeV. <i>European Physical Journal C</i> , 2015 , 75, 212	4-2	399
640	Combined Measurement of the Higgs Boson Mass in pp Collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS and CMS Experiments. <i>Physical Review Letters</i> , 2015 , 114, 191803	7-4	709
639	Measurement of the Z/γ 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
638	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
637	Measurement of the differential cross section for top quark pair production in pp collisions at $\sqrt{s}=7$ and 8 TeV. <i>European Physical Journal C</i> , 2015 , 75, 542	4-2	98
636	Measurements of the Z/γ production cross sections in the $l\bar{l}$ channel in proton-proton collisions at $\sqrt{s}=7$ and 8 TeV and combined constraints on triple gauge couplings. <i>European Physical Journal C</i> , 2015 , 75, 511	4-2	25
635	Comparison of the Z/γ + jets to γ + jets cross sections in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	5
634	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
633	Long-range two-particle correlations of strange hadrons with charged particles in pPb and PbPb collisions at LHC energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 200-224	4-2	64
632	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
631	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
630	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
629	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
628	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=8$ TeV in dilepton final states containing one lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 739, 23-43	4-2	17
627	Measurement of the ratio $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 33-57	4-2	41

626	Constraints on the Higgs boson width from off-shell production and decay to Z-boson pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 64-85	4.2	116
625	Search for top-squark pairs decaying into Higgs or Z bosons in pp collisions at $\sqrt{s}=8\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 371-397	4.2	57
624	Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at $(\sqrt{s_{\text{NN}}}) = 5.02$ (,text {TeV}). <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	67
623	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
622	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
621	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
620	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
619	Event activity dependence of $(Y)(nS)$ production in $(\sqrt{s_{\text{NN}}}) = 5.02$ TeV pPb and $(\sqrt{s}) = 2.76$ TeV pp collisions. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	42
618	. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
617	Evidence for the 125 GeV Higgs boson decaying to a pair of τ leptons. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	101
616	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
615	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
614	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
613	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
612	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
611	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
610	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
609	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

608	Study of the production of charged pions, kaons, and protons in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>European Physical Journal C</i> , 2014 , 74, 2847	4.2	71
607	Probing color coherence effects in pp collisions at $\sqrt{s_{NN}}=7$ TeV. <i>European Physical Journal C</i> , 2014 , 74, 2901	4.2	13
606	Inclusive search for a vector-like T quark with charge $\pm 2/3$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 729, 149-171	4.2	103
605	Modification of jet shapes in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 730, 243-263	4.2	124
604	Search for baryon number violation in top-quark decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 731, 173-196	4.2	9
603	Observation of the associated production of a single top quark and a W boson in pp collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , 2014 , 112, 231802	7.4	62
602	Search for supersymmetry in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 733, 328-353	4.2	50
601	Measurement of prompt J/ψ to J/ψ yield ratios in Pb-Pb and p-p collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2014 , 113, 262301	7.4	38
600	Searches for heavy Higgs bosons in two-Higgs-doublet models and for $t \rightarrow ch$ decay using multilepton and diphoton final states in pp collisions at 8 TeV. <i>Physical Review D</i> , 2014 , 90,	4.9	43
599	Search for supersymmetry with razor variables in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , 2014 , 90,	4.9	11
598	Searches for electroweak neutralino and chargino production in channels with Higgs, Z, and W bosons in pp collisions at 8 TeV. <i>Physical Review D</i> , 2014 , 90,	4.9	62
597	Search for heavy neutrinos and Z' bosons with right-handed couplings in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2014 , 74, 3149	4.2	149
596	Measurement of top quark-antiquark pair production in association with a W or Z boson in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2014 , 74, 3060	4.2	29
595	Measurement of differential cross sections for the production of a pair of isolated photons in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2014 , 74, 3129	4.2	29
594	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
593	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
592	Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and W, Z, and Higgs bosons in pp collisions at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , 2014 , 74, 3036	4.2	183
591	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

590	Measurement of the production cross section for a W boson and two b jets in pp collisions at $s=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 735, 204-225	4.2	19
589	Search for excited quarks in the n -jet final state in proton-proton collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 738, 274-293	4.2	21
588	Search for pair production of third-generation scalar leptoquarks and top squarks in proton-proton collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 739, 229-249	4.2	56
587	Alignment of the CMS tracker with LHC and cosmic ray data. <i>Journal of Instrumentation</i> , 2014 , 9, P06009-P06009	4.2	24
586	Measurement of jet fragmentation in PbPb and pp collisions at $s_{NN}=2.76$ TeV. <i>Physical Review C</i> , 2014 , 90,	2.7	89
585	Measurement of higher-order harmonic azimuthal anisotropy in PbPb collisions at $s_{NN}=2.76$ TeV. <i>Physical Review C</i> , 2014 , 89,	2.7	109
584	Search for top squark and Higgsino production using diphoton Higgs boson decays. <i>Physical Review Letters</i> , 2014 , 112, 161802	7.4	38
583	Search for anomalous production of events with three or more leptons in pp collisions at $s=8$ TeV. <i>Physical Review D</i> , 2014 , 90,	4.9	64
582	Measurements of tt spin correlations and top-quark polarization using dilepton final states in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2014 , 112, 182001	7.4	49
581	Search for top-quark partners with charge $5/3$ in the same-sign dilepton final state. <i>Physical Review Letters</i> , 2014 , 112, 171801	7.4	58
580	Search for jet extinction in the inclusive jet-pT spectrum from proton-proton collisions at $s=8$ TeV. <i>Physical Review D</i> , 2014 , 90,	4.9	5
579	Search for the standard model Higgs boson produced in association with a W or a Z boson and decaying to bottom quarks. <i>Physical Review D</i> , 2014 , 89,	4.9	145
578	Search for flavor-changing neutral currents in top-quark decays $t \rightarrow Zq$ in pp collisions at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , 2014 , 112, 171802	7.4	46
577	Measurement of the muon charge asymmetry in inclusive $pp \rightarrow W+X$ production at $s=7$ TeV and an improved determination of light parton distribution functions. <i>Physical Review D</i> , 2014 , 90,	4.9	63
576	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
575	Evidence of b-jet quenching in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2014 , 113, 132301	7.4	62
574	Search for WW and WZ production and constraints on anomalous quartic gauge couplings in pp collisions at $s=8$ TeV. <i>Physical Review D</i> , 2014 , 90,	4.9	24
573	Measurement of the ratio of inclusive jet cross sections using the anti-kT algorithm with radius parameters $R=0.5$ and 0.7 in pp collisions at $s=7$ TeV. <i>Physical Review D</i> , 2014 , 90,	4.9	36

572	Measurement of four-jet production in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , 2014 , 89,	4.9	23
571	Measurement of the properties of a Higgs boson in the four-lepton final state. <i>Physical Review D</i> , 2014 , 89,	4.9	260
570	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
569	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
568	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
567	Description and performance of track and primary-vertex reconstruction with the CMS tracker. <i>Journal of Instrumentation</i> , 2014 , 9, P10009-P10009	1	279
566	Identification techniques for highly boosted W bosons that decay into hadrons. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	32
565	Searches for light- and heavy-flavour three-jet resonances in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 730, 193-214	4.2	35
564	Determination of the top-quark pole mass and strong coupling constant from the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 496-517	4.2	64
563	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
562	Measurement of the (\overline{t}) production cross section in the dilepton channel in pp collisions at (\sqrt{s}) = 8 TeV 2014 , 2014, 1		3
561	Search for the associated production of the Higgs boson with a top-quark pair 2014 , 2014, 1		6
560	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
559	Angular analysis and branching fraction measurement of the decay $B^0 \rightarrow K^* \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 77-100	4.2	35
558	Search for a new bottomonium state decaying to . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 57-76	4.2	31
557	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
556	Higgs boson studies at the Tevatron. <i>Physical Review D</i> , 2013 , 88,	4.9	73
555	Indirect measurement of $\sin 2\alpha$ (M_W) using e^+e^- pairs in the Z-boson region with pp collisions at a center-of-momentum energy of 1.96 TeV. <i>Physical Review D</i> , 2013 , 88,	4.9	14

554	Measurement of the W-boson helicity in top-quark decays from ($\overline{\text{t}}\text{t}$) production in lepton+jets events in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	25
553	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
552	Search for top-squark pair production in the single-lepton final state in pp collisions at ($\sqrt{s}=8$ mathrm{TeV}). <i>European Physical Journal C</i> , 2013 , 73, 1	4-2	162
551	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
550	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
549	Measurement of the prompt . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 381-402	4-2	83
548	Search for a Higgs boson decaying into a Z and a photon in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 587-609	4-2	73
547	Measurement of the $B_s(0) \rightarrow \mu\mu$ branching fraction and search for $B(0) \rightarrow \mu\mu$ with the CMS experiment. <i>Physical Review Letters</i> , 2013 , 111, 101804	7-4	220
546	Searches for new physics using the $t\bar{t}$ invariant mass distribution in pp collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , 2013 , 111, 211804	7-4	76
545	Combination of searches for the Higgs boson using the full CDF data set. <i>Physical Review D</i> , 2013 , 88,	4-9	14
544	Measurement of the mass difference between top and antitop quarks. <i>Physical Review D</i> , 2013 , 87,	4-9	9
543	Search for supersymmetry with like-sign lepton-tau events at CDF. <i>Physical Review Letters</i> , 2013 , 110, 201802	7-4	4
542	Searches for the Higgs boson decaying to $W+W\bar{E} \rightarrow \mu\mu$ with the CDF II detector. <i>Physical Review D</i> , 2013 , 88,	4-9	6
541	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
540	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
539	Rapidity distributions in exclusive Z+jet and μ jet events in pp collisions at $s=7$ TeV. <i>Physical Review D</i> , 2013 , 88,	4-9	11
538	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
537	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

536	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
535	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
534	Measurement of the Bc meson lifetime in the decay $B_c \rightarrow J/\psi$ <i>Physical Review D</i> , 2013 , 87,	4.9	15
533	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
532	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
531	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
530	Exclusion of exotic top-like quarks with $\frac{2}{3}$ electric charge using jet-charge tagging in single-lepton $t\bar{t}$ events at CDF. <i>Physical Review D</i> , 2013 , 88,	4.9	16
529	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
528	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
527	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
526	An additional study of multi-muon events produced in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 278-283	4.2	
525	Search for scalar top quark production in $(p\bar{p})$ collisions at $(\sqrt{s}=1.96;\text{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	16
524	Measurement of the branching fraction $B(B^0 \rightarrow \mu^+\mu^-)$ at CDF. <i>Physical Review D</i> , 2012 , 85,	4.9	4
523	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
522	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
521	Measurement of CP-violating asymmetries in $D^0 \rightarrow \mu\mu$ and $D^0 \rightarrow K^+K^-$ decays at CDF. <i>Physical Review D</i> , 2012 , 85,	4.9	57
520	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
519	Search for Higgs bosons produced in association with b quarks. <i>Physical Review D</i> , 2012 , 85,	4.9	23

518	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
517	Measurement of the masses and widths of the bottom baryons Λ_b^0 and Λ_b^+ . <i>Physical Review D</i> , 2012 , 85,	4.9	22
516	Search for high-mass resonances decaying into ZZ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	11
515	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
514	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
513	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
512	Precise measurement of the W-boson mass with the CDF II detector. <i>Physical Review Letters</i> , 2012 , 108, 151803	7.4	74
511	Measurements of the angular distributions of muons from B^0 decays in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 151802	7.4	37
510	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
509	Transverse momentum cross section of e^+e^- 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
508	Observation of exclusive B^0 production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 081801	7.4	30
507	Combination of the top-quark mass measurements from the Tevatron collider. <i>Physical Review D</i> , 2012 , 86,	4.9	104
506	Search for the standard model Higgs boson decaying to a bb 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
505	Search for the standard model Higgs boson decaying to a bb pair in events with two oppositely charged leptons using the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 111803	7.4	25
504	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
503	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
502	Production of Λ , Σ , Ξ , and Ξ hyperons in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	2
501	Search for a low-mass standard model Higgs boson in the B^0 decay channel in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 181804	7.4	12

500	Diffractive dijet production in $p\bar{p}$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	17
499	Precision top-quark mass measurement at CDF. <i>Physical Review Letters</i> , 2012 , 109, 152003	7.4	36
498	Measurements of the top-quark mass and the $t\bar{t}$ cross section in the hadronic $\#$ jets decay channel at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 192001	7.4	11
497	Search for the rare radiative decay $W \rightarrow \nu n$ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	5
496	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
495	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
494	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
493	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
492	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
491	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
490	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
489	Measurement of the difference in CP-violating asymmetries in $D(0) \rightarrow K(+)\bar{K}(-)$ and $D(0) \rightarrow \ell(+)\bar{\ell}(-)$ decays at CDF. <i>Physical Review Letters</i> , 2012 , 109, 111801	7.4	77
488	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
487	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
486	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
485	Search for the standard model Higgs boson produced in association with a $W\#$ boson with 7.5 fb^{-1} integrated luminosity at CDF. <i>Physical Review D</i> , 2012 , 86,	4.9	8
484	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
483	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

482	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
481	Combined search for the standard model Higgs boson decaying to a bb pair using the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 111802	7.4	22
480	Measurement of the WZ cross section and triple gauge couplings in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	24
479	Measurement of Bs0->Ds(*)+Ds(*)- branching ratios. <i>Physical Review Letters</i> , 2012 , 108, 201801	7.4	15
478	Measurement of CP-violation asymmetries in D0->KS0. <i>Physical Review D</i> , 2012 , 86,	4.9	10
477	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
476	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. <i>Physical Review D</i> , 2012 , 86,	4.9	16
475	Evidence for the charmless annihilation decay mode B(s)(0)->[+][+]. <i>Physical Review Letters</i> , 2012 , 108, 211803	7.4	32
474	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. <i>Physical Review D</i> , 2011 , 83,	4.9	219
473	Improved determination of the sample composition of dimuon events produced in (pbar{p}) collisions at (sqrt{s}=1.96) TeV. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	1
472	Measurements of the properties of [bar{u}](2595), [bar{u}](2625), [bar{u}](2455), and [bar{u}](2520) baryons. <i>Physical Review D</i> , 2011 , 84,	4.9	42
471	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. <i>Physical Review D</i> , 2011 , 83,	4.9	16
470	Measurement of branching ratio and Bs0 lifetime in the decay Bs0->J/psi(980) at CDF. <i>Physical Review D</i> , 2011 , 84,	4.9	46
469	Top quark mass measurement using the template method at CDF. <i>Physical Review D</i> , 2011 , 83,	4.9	22
468	Measurement of tt spin correlation in pp collisions using the CDF II detector at the Tevatron. <i>Physical Review D</i> , 2011 , 83,	4.9	42
467	Search for B(s)(0) -> [bar{u}] and B(0) -> [bar{u}] decays with CDF II. <i>Physical Review Letters</i> , 2011 , 107, 191801	7.4	64
466	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
465	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

464	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
463	Measurement of event shapes in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2011 , 83,	4.9	11
462	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
461	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
460	Measurement of the forward-backward asymmetry in the $B \rightarrow K^*(\ell^+\ell^-)$ decay and first observation of the $B(s)0 \rightarrow \ell^+\ell^-$ decay. <i>Physical Review Letters</i> , 2011 , 106, 161801	7.4	37
459	Search for a heavy topleike quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 261801	7.4	28
458	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
457	Measurement of the B lifetime using a simulation free approach for trigger bias correction. <i>Physical Review D</i> , 2011 , 83,	4.9	7
456	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
455	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
454	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
453	Search for New T' particles in final states with large jet multiplicities and missing transverse energy in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 191803	7.4	23
452	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
451	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
450	Search for resonant production of $t\bar{t}$ decaying to jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	13
449	Measurement of the $t\bar{t}$ 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
448	Measurement of the B(s)0 lifetime in fully and partially reconstructed $B(s)0 \rightarrow D(s)(\ell^+\ell^-)X$ decays in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 272001	7.4	11
447	First search for multijet resonances in $\sqrt{s}=1.96$ TeV pp collisions. <i>Physical Review Letters</i> , 2011 , 107, 042001	7.4	35

446	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
445	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
444	Limits on anomalous trilinear gauge couplings in Z events from pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 051802	7.4	24
443	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
442	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
441	Evidence for $t\bar{t}$ production and measurement of $\sigma(t\bar{t})/\sigma_{\text{tree}}$ <i>Physical Review D</i> , 2011 , 84,	4.9	22
440	Measurement of the cross section for prompt isolated diphoton production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	15
439	Search for a very light CP-odd Higgs boson in top quark decays from pp collisions at $\text{sqrt}(s)=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 031801	7.4	11
438	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
437	Publisher's Note: Search for $B_s0 \rightarrow \mu\mu$ and $B0 \rightarrow \mu\mu$ Decays with CDF II [Phys. Rev. Lett. 107, 191801 (2011)]. <i>Physical Review Letters</i> , 2011 , 107,	7.4	34
436	Observation of $B_s0 \rightarrow J/\psi^*(892)0$ and $B_s0 \rightarrow J/\psi S0$ decays. <i>Physical Review D</i> , 2011 , 83,	4.9	20
435	Measurements of branching fraction ratios and CP-asymmetries in suppressed $B\bar{B} \rightarrow D(-\rightarrow K^+)K^0$ and $B\bar{B} \rightarrow D(-\rightarrow K^+)K^0$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	15
434	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
433	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
432	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
431	Observation of the $(b)0$ baryon. <i>Physical Review Letters</i> , 2011 , 107, 102001	7.4	24
430	Measurement of the mass difference between t and \bar{t} quarks. <i>Physical Review Letters</i> , 2011 , 106, 152001	7.4	24
429	Search for new physics in high p_T like-sign dilepton events at CDF II. <i>Physical Review Letters</i> , 2011 , 107, 181801	7.4	16

428	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
427	Search for R-parity violating decays of sneutrinos to $e\bar{\nu}$ and $e\nu$ pairs in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 191801	7.4	17
426	Search for technicolor particles produced in association with a W Boson at CDF. <i>Physical Review Letters</i> , 2010 , 104, 111802	7.4	6
425	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
424	Measurement of the Λ_{b0} lifetime in $\Lambda_{b0} \rightarrow \Lambda_c + \pi^-$ decays in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 104, 102002	7.4	24
423	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
422	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
421	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
420	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
419	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
418	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
417	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
416	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
415	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
414	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
413	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
412	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
411	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

410	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
409	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
408	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
407	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
406	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
405	Diffractional W and Z production at the Fermilab Tevatron. <i>Physical Review D</i> , 2010 , 82,	4.9	23
404	Direct top-quark width measurement at CDF. <i>Physical Review Letters</i> , 2010 , 105, 232003	7.4	23
403	Search for the supersymmetric partner of the top quark in $pp \rightarrow$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	19
402	Observation of single top quark production and measurement of $ V_{tb} $ with CDF. <i>Physical Review D</i> , 2010 , 82,	4.9	74
401	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
400	Study of the associated production of photons and b-quark jets in $pp \rightarrow$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2010 , 81,	4.9	20
399	Measurement of $Z \rightarrow b\bar{b}$ production in $pp \rightarrow$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	7
398	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
397	Measurement of the $t\bar{t} \rightarrow$ production cross section in $pp \rightarrow$ collisions at $\sqrt{s}=1.96$ TeV using soft electron b-tagging. <i>Physical Review D</i> , 2010 , 81,	4.9	6
396	The TOTEM detector at LHC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 617, 62-66	1.2	11
395	Measurement of the top pair production cross section in the dilepton decay channel in $pp \rightarrow$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	28
394	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
393	Measurements of branching fraction ratios and CP asymmetries in $B_{\mu} \rightarrow DCPK_{\mu}$ decays in hadron collisions. <i>Physical Review D</i> , 2010 , 81,	4.9	21

392	Updated search for the flavor-changing neutral-current decay $D_0 \rightarrow \bar{c} \bar{c} \bar{c}$ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	7
391	Measurements of the top-quark mass using charged particle tracking. <i>Physical Review D</i> , 2010 , 81,	4.9	19
390	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
389	Search for single top quark production in pp collisions at $s=1.96$ TeV in the missing transverse energy plus jets topology. <i>Physical Review D</i> , 2010 , 81,	4.9	15
388	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
387	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	
386	Search for new color-octet vector particle decaying to $\tau\tau$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 691, 183-190	4.2	16
385	Measurement of $\tau \rightarrow \mu \nu_\tau \nu_\mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 692, 232-239	4.2	63
384	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
383	Search for high-mass resonances decaying to dimuons at CDF. <i>Physical Review Letters</i> , 2009 , 102, 091805	7.4	83
382	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
381	Observation of new charmless decays of bottom hadrons. <i>Physical Review Letters</i> , 2009 , 103, 031801	7.4	40
380	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
379	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
378	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
377	Search for long-lived massive charged particles in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , 2009 , 103, 021802	7.4	56
376	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
375	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

374	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
373	Measurement of resonance parameters of orbitally excited narrow B0 mesons. <i>Physical Review Letters</i> , 2009 , 102, 102003	7.4	32
372	Search for a Higgs boson decaying to two W bosons at CDF. <i>Physical Review Letters</i> , 2009 , 102, 021802	7.4	19
371	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
370	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
369	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
368	Evidence for a narrow near-threshold structure in the $J/\psi\text{varphi}$ mass spectrum in $B_{\{+}\} \rightarrow J/\psi\text{varphi}K_{\{+}\}$ decays. <i>Physical Review Letters</i> , 2009 , 102, 242002	7.4	211
367	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
366	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
365	Precision measurement of the $X(3872)$ mass in $J/\psi \pi^{+} \pi^{-}$ decays. <i>Physical Review Letters</i> , 2009 , 103, 152001	7.4	71
364	Search for the decays $B_{\{s\}\{0\}} \rightarrow e_{\{+}\} \mu_{\{-}\}$ and $B_{\{s\}\{0\}} \rightarrow e_{\{+}\} e_{\{-}\}$ in CDF run II. <i>Physical Review Letters</i> , 2009 , 102, 201801	7.4	31
363	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
362	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
361	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
360	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
359	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
358	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
357	Search for new physics in the $\mu e \mu E T$ channel with a low- p_T lepton threshold at the Collider Detector at Fermilab. <i>Physical Review D</i> , 2009 , 79,	4.9	5

356	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
355	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
354	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
353	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
352	Observation of electroweak single top-quark production. <i>Physical Review Letters</i> , 2009 , 103, 092002	7.4	174
351	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
350	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
349	Measurement of W-boson helicity fractions in top-quark decays using $\cos^2\theta$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 674, 160-167	4.2	17
348	Search for narrow resonances lighter than η mesons. <i>European Physical Journal C</i> , 2009 , 62, 319-326	4.2	6
347	Observation of the Λ_b baryon and measurement of the properties of the Λ_b and Σ_b baryons. <i>Physical Review D</i> , 2009 , 80,	4.9	41
346	Production of χ_{c2} mesons in pp collisions at 1.96 TeV. <i>Physical Review D</i> , 2009 , 80,	4.9	37
345	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
344	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
343	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
342	Global search for new physics with 2.0 fb ⁻¹ at CDF. <i>Physical Review D</i> , 2009 , 79,	4.9	44
341	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
340	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
339	Measurement of the ratio of branching fractions $B(B^{\pm} \rightarrow J/\psi) / B(B^{\pm} \rightarrow J/\psi \pi^{\pm})$. <i>Physical Review D</i> , 2009 , 79,	4.9	2

338	Search for the rare decays $B^{+} \rightarrow \mu^{+} \tau^{+}$, $B^0 \rightarrow \mu^{+} \tau^{+} (892)^0$, and $B_s^0 \rightarrow \mu \tau$ at CDF. <i>Physical Review D</i> , 2009 , 79,	4.9	18
337	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
336	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
335	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
334	Search for WW and WZ production in lepton plus jets final state at CDF. <i>Physical Review D</i> , 2009 , 79,	4.9	1
333	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
332	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
331	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
330	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
329	Searching the inclusive $E_T + b$ -quark signature for radiative top quark decay and non-standard-model processes. <i>Physical Review D</i> , 2009 , 80,	4.9	5
328	Measurement of the top quark mass at CDF using the \bar{b} neutrino τ weighting template method on a lepton plus isolated track sample. <i>Physical Review D</i> , 2009 , 79,	4.9	10
327	Measurement of inclusive jet cross sections in $Z/\gamma^*(\rightarrow e^+e^-) + jets$ production in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 102001	7.4	60
326	Search for chargino-neutralino production in pp collisions at $s=1.96$ TeV with high- p_T leptons. <i>Physical Review D</i> , 2008 , 77,	4.9	11
325	Observation of exclusive dijet production at the Fermilab Tevatron $p\bar{p}$ collider. <i>Physical Review D</i> , 2008 , 77,	4.9	62
324	First run II measurement of the W boson mass at the Fermilab Tevatron. <i>Physical Review D</i> , 2008 , 77,	4.9	44
323	Limits on the production of narrow $t\bar{t}$ resonances in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2008 , 77,	4.9	34
322	First measurement of the fraction of top-quark pair production through gluon-gluon fusion. <i>Physical Review D</i> , 2008 , 78,	4.9	9
321	Measurement of the cross section for W-boson production in association with jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2008 , 77,	4.9	59

3 ²⁰	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
3 ¹⁹	Search for third generation vector leptoquarks in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2008 , 77,	4.9	13
3 ¹⁸	Search for new heavy particles decaying to ZZ→eeee in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2008 , 78,	4.9	4
3 ¹⁷	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
3 ¹⁶	Model-independent and quasi-model-independent search for new physics at CDF. <i>Physical Review D</i> , 2008 , 78,	4.9	30
3 ¹⁵	The TOTEM Experiment at the CERN Large Hadron Collider. <i>Journal of Instrumentation</i> , 2008 , 3, S08007-S08007/6		
3 ¹⁴	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
3 ¹³	Measurement of the inclusive jet cross section at the Fermilab Tevatron pp collision using a cone-based jet algorithm. <i>Physical Review D</i> , 2008 , 78,	4.9	119
3 ¹²	Search for Bs0 → micro+ micro- and B0 → micro+ micro- decays with 2 fb-1 of pp collisions. <i>Physical Review Letters</i> , 2008 , 100, 101802	7.4	164
3 ¹¹	Search for the Higgs boson in events with missing transverse energy and b quark jets produced in pp collisions at square root(s)=1.96 TeV. <i>Physical Review Letters</i> , 2008 , 100, 211801	7.4	13
3 ¹⁰	Search for standard model Higgs bosons produced in association with W bosons. <i>Physical Review Letters</i> , 2008 , 100, 041801	7.4	12
3 ⁰⁹	Search for pair production of scalar top quarks decaying to a tau lepton and a b quark in pp collisions at sqrt s=1.96 TeV. <i>Physical Review Letters</i> , 2008 , 101, 071802	7.4	15
3 ⁰⁸	Measurement of the single-top-quark production cross section at CDF. <i>Physical Review Letters</i> , 2008 , 101, 252001	7.4	44
3 ⁰⁷	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
3 ⁰⁶	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
3 ⁰⁵	Measurement of correlated bb production in pp collisions at s=1960 GeV. <i>Physical Review D</i> , 2008 , 77,	4.9	22
3 ⁰⁴	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
3 ⁰³	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

302	First observation of the decay $B_s^0 \rightarrow D_s^- D_s^+$ and measurement of its branching ratio. <i>Physical Review Letters</i> , 2008 , 100, 021803	7.4	15
301	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
300	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
299	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
298	Search for the Higgs boson produced in association with $Z \rightarrow l+l$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 251803	7.4	4
297	Measurement of Lifetime and Decay-Width Difference in $B_{\{s\};\{0\}} \rightarrow J/\psi \text{varphi}$ Decays. <i>Physical Review Letters</i> , 2008 , 100, 121803	7.4	36
296	Search for resonant $t\bar{t}$ production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 231801	7.4	37
295	Observation of orbitally excited B(s) mesons. <i>Physical Review Letters</i> , 2008 , 100, 082001	7.4	73
294	Search for heavy toplike quarks using lepton plus jets events in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , 2008 , 100, 161803	7.4	30
293	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
292	Search for the flavor-changing neutral-current decay $t \rightarrow Zq$ in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 192002	7.4	50
291	Evidence for D^0 - D^0 mixing using the CDF II detector. <i>Physical Review Letters</i> , 2008 , 100, 121802	7.4	91
290	Observation of the decay $B_c^{+/-} \rightarrow J/\psi \text{pi}^{+/-}$ and measurement of the $B_c^{+/-}$ mass. <i>Physical Review Letters</i> , 2008 , 100, 182002	7.4	90
289	Search for large extra dimensions in final states containing one photon or jet and large missing transverse energy produced in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 181602	7.4	72
288	First flavor-tagged determination of bounds on mixing-induced CP violation in $B_s^0 \rightarrow J/\psi \text{phi}$ decays. <i>Physical Review Letters</i> , 2008 , 100, 161802	7.4	161
287	Direct measurement of the W Boson width in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 071801	7.4	11
286	Cross-section-constrained top-quark mass measurement from dilepton events at the Tevatron. <i>Physical Review Letters</i> , 2008 , 100, 062005	7.4	15
285	Measurement of the B^+ production cross section in pp collisions at $\sqrt{s}=1.96$ GeV. <i>Physical Review D</i> , 2007 , 75,	4.9	45

284	Precision measurement of the top-quark mass from dilepton events at CDF II. <i>Physical Review D</i> , 2007 , 75,	4.9	26
283	Search for $W\gamma$ boson decaying to electron-neutrino pairs in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2007 , 75,	4.9	20
282	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
281	Search for exotic $S=2$ baryons in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2007 , 75,	4.9	7
280	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
279	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
278	Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007 , 34, 2457-2544	2.9	174
277	Limits on anomalous triple gauge couplings in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2007 , 76,	4.9	16
276	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
275	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
274	The GigaFitter for fast track fitting based on FPGA DSP arrays 2007 ,		2
273	Analysis of the quantum numbers J^{PC} of the X(3872) particle. <i>Physical Review Letters</i> , 2007 , 98, 132002	7.4	159
272	Measurement of the $pp \rightarrow tt$ production cross section and the top quark mass at $s=1.96$ TeV in the all-hadronic decay mode. <i>Physical Review D</i> , 2007 , 76,	4.9	23
271	Search for exclusive $\gamma\gamma$ production in Hadron-Hadron collisions. <i>Physical Review Letters</i> , 2007 , 99, 242002	7.4	56
270	Measurement of the Λ_b^0 lifetime in $\Lambda_b^0 \rightarrow J/\psi \Lambda^0$ in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 122001	7.4	22
269	Polarizations of J/ψ and $\psi(2S)$ mesons produced in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 99, 132001	7.4	165
268	Measurement of the ratios of branching fractions $B(B_0^s \rightarrow D_s^- \pi^+ \pi^+ \pi^-)/B(B_0^s \rightarrow D^- \pi^+ \pi^+ \pi^-)$ and $B(B_0^s \rightarrow D_s^- \pi^+)/B(B_0^s \rightarrow D^- \pi^+)$. <i>Physical Review Letters</i> , 2007 , 98, 061802	7.4	12
267	Measurement of the inclusive jet cross section using the k_T algorithm in pp collisions at $s=1.96$ TeV with the CDF II detector. <i>Physical Review D</i> , 2007 , 75,	4.9	89

266	Measurement of $\langle\sigma(pp\rightarrow Z)B(Z\rightarrow\mu\mu)\rangle$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2007 , 75,	4.9	23
265	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
264	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
263	Inclusive search for new physics with like-sign dilepton events in pp collisions at square root of $s=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 221803	7.4	39
262	Observation of the Heavy Baryons Σ_b and Σ_b^* . <i>Physical Review Letters</i> , 2007 , 99, 202001	7.4	93
261	Measurement of $\sigma(\Lambda_b^0)/\sigma(B^0) \times B(\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-)/B(B^0 \rightarrow D^+ \pi^-)$ in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 122002	7.4	19
260	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
259	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
258	Search for new physics in high-mass electron-positron events in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 99, 171802	7.4	65
257	Observation of exclusive electron-positron production in hadron-hadron collisions. <i>Physical Review Letters</i> , 2007 , 98, 112001	7.4	67
256	First measurement of the W-boson mass in run II of the Tevatron. <i>Physical Review Letters</i> , 2007 , 99, 151801	7.4	37
255	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
254	Observation and mass measurement of the baryon Ξ_b^- . <i>Physical Review Letters</i> , 2007 , 99, 052002	7.4	80
253	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
252	Search for heavy long-lived particles that decay to photons at CDF II. <i>Physical Review Letters</i> , 2007 , 99, 121801	7.4	20
251	Observation of WZ production. <i>Physical Review Letters</i> , 2007 , 98, 161801	7.4	33
250	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
249	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

248	Measurement of $\sigma(\chi_{c2} \rightarrow J/\psi \gamma) / \sigma(\chi_{c1} \rightarrow J/\psi \gamma)$ in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 232001	7.4	47
247	Search for high-mass resonances decaying to $e\mu$ in pp collisions at square root $s=1.69$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 211802	7.4	28
246	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
245	Precision top-quark mass measurement in the lepton+jets topology in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 022004	7.4	30
244	Measurement of the ratios of branching fractions and. <i>Physical Review Letters</i> , 2006 , 96, 191801	7.4	14
243	Measurement of the inclusive jet cross section using the kT algorithm in pp collisions at (square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 122001	7.4	33
242	Search for neutral Higgs bosons of the minimal supersymmetric standard model decaying to tau pairs in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 011802	7.4	61
241	Top-quark mass measurement from dilepton events at CDF II. <i>Physical Review Letters</i> , 2006 , 96, 152002	7.4	21
240	Measurement of the $t\bar{t}$ 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
239	Measurement of the $t\bar{t}$ production cross section in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 97, 082004	7.4	59
238	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
237	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
236	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
235	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
234	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
233	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
232	Measurement of the dipion mass spectrum in decays. <i>Physical Review Letters</i> , 2006 , 96, 102002	7.4	104
231	Search for Higgs bosons decaying to $b\bar{b}$ and produced in association with W bosons in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 081803	7.4	9

230	Search for Z' $\rightarrow e^+ e^-$ using dielectron mass and angular distribution. <i>Physical Review Letters</i> , 2006 , 96, 211801	7.4	63
229	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
228	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
227	Search for scalar bottom quarks from gluino decays in collisions at. <i>Physical Review Letters</i> , 2006 , 96, 171802	7.4	11
226	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
225	Measurement of the $Bs0$ - $Bs0$ oscillation frequency. <i>Physical Review Letters</i> , 2006 , 97, 062003	7.4	133
224	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
223	Observation of $Bs(0)$ - $Bs(0)$ oscillations. <i>Physical Review Letters</i> , 2006 , 97, 242003	7.4	274
222	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
221	Measurement of the helicity of W bosons in top-quark decays. <i>Physical Review D</i> , 2006 , 73,	4.9	17
220	Measurement of the ratio of branching fractions $B(D0 \rightarrow K^+ \pi^-) / B(D0 \rightarrow K^0 \pi^0)$ using the CDF II detector. <i>Physical Review D</i> , 2006 , 74,	4.9	13
219	Search for second-generation scalar leptoquarks in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2006 , 73,	4.9	21
218	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
217	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
216	Search for new physics in lepton+photon+X events with 305 pb^{-1} of pp collisions at $[\sqrt{s}] = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 97, 031801	7.4	7
215	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=1.96$ TeV using lepton+jets events with jet probability b-tagging. <i>Physical Review D</i> , 2006 , 74,	4.9	68
214	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
213	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=1.96$ TeV in the all hadronic decay mode. <i>Physical Review D</i> , 2006 , 74,	4.9	13

212	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
211	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
210	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
209	Development of front-end electronics with large dynamic range for space applications. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006 , 150, 390-393		4
208	A search for $t \rightarrow \bar{q}$ in tt production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 639, 172-178	4.2	9
207	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
206	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
205	Measurement of the tt production cross section in pp collisions at $s=1.96$ TeV using lepton plus jets events with semileptonic B decays to muons. <i>Physical Review D</i> , 2005 , 72,	4.9	31
204	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
203	Search for scalar leptoquark pairs decaying to lqq in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	7
202	Search for $B^0 \rightarrow p\bar{l}$ and $B^0 \rightarrow pK$ decays in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 72,	4.9	3
201	Measurement of the J/ψ meson and b-hadron production cross sections in pp collisions at $s=1.96$ GeV. <i>Physical Review D</i> , 2005 , 71,	4.9	596
200	Search for first-generation scalar leptoquarks in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 72,	4.9	24
199	Measurement of the moments of the hadronic invariant mass distribution in semileptonic B decays. <i>Physical Review D</i> , 2005 , 71,	4.9	27
198	Measurement of the tt 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
197	Search for ZZ and ZW production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	7
196	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
195	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

194	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
193	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
192	Publisher's Note: Search for scalar leptoquark pairs decaying to lq 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
191	Measurement of the cross section for $t\bar{t}$ production in pp collisions using the kinematics of lepton+jet events. <i>Physical Review D</i> , 2005 , 72,	4.9	34
190	Measurement of the $W^{(+)}W^{(-)}$ production cross section in pp collisions at $\sqrt{s} = 1.96$ TeV using dilepton events. <i>Physical Review Letters</i> , 2005 , 94, 211801	7.4	23
189	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
188	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
187	Search for anomalous kinematics in $t\bar{t}$ dilepton events at CDF II. <i>Physical Review Letters</i> , 2005 , 95, 022001	7.4	8
186	Measurement of the lifetime difference between B_s mass eigenstates. <i>Physical Review Letters</i> , 2005 , 94, 101803	7.4	50
185	Search for new high-mass particles decaying to lepton pairs in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 95, 252001	7.4	39
184	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
183	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
182	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
181	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
180	Measurement of the cross section for prompt diphoton production in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 95, 022003	7.4	33
179	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
178	Measurement of $W\gamma$ and $Z\gamma$ production in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 94, 041803	7.4	30
177	Observation of the narrow state $X(3872) \rightarrow J/\psi \pi^+ \pi^-$ in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2004 , 93, 072001	7.4	469

176	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
175	Search for $B_0 \rightarrow \mu^+ \mu^-$ 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
174	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
173	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
172	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
171	Measurement of the mass difference $m(D_{s^+}) - m(D^+)$ at CDF II. <i>Physical Review D</i> , 2003 , 68,	4.9	10
170	Experimental test of a new technique of background suppression in digital mammography. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 478, 95-97	1.2	1
169	Test of a GaAs-based pixel device for digital mammography. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 460, 50-54	1.2	9
168	Shower reconstruction in the CLUE experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 461, 311-313 ^{1.2}		3
167	Study of a new scatter rejection technique in digital radiography. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 461, 410-412	1.2	2
166	Observation of γ sources using a new reconstruction technique in the CLUE experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2001 , 97, 211-214		5
165	The CLUE experiment running with 8 telescopes; observations of gamma sources and runs on Moon. <i>AIP Conference Proceedings</i> , 2000 ,	0	2
164	Measurements of the structure of quark and gluon jets in hadronic Z decays. <i>European Physical Journal C</i> , 2000 , 17, 1-18	4.2	28
163	Low contrast imaging with a GaAs pixel digital detector. <i>IEEE Transactions on Nuclear Science</i> , 2000 , 47, 1478-1482	1.7	19
162	MEDIPIX: a VLSI chip for a GaAs pixel detector for digital radiology. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 422, 201-205	1.2	29
161	GaAs pixel radiation detector as an autoradiography tool for genetic studies. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 422, 242-246	1.2	13
160	GaAs detector optimization for different medical imaging applications. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 434, 14-17	1.2	8
159	Determination of $ V_{ub} $ from the measurement of the inclusive charmless semileptonic branching ratio of b hadrons 1999 , 6, 555		26

158	Search for (B_s^0) oscillations using inclusive lepton events 1999 , 7, 553		5
157	Resonant structure and flavour tagging in the $B\bar{B}$ system using fully reconstructed B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 425, 215-226	4.2	34
156	Determination of A_{FB}^b using jet charge measurements in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 426, 217-230	4.2	11
155	A measurement of the inclusive $b \rightarrow s$ branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 429, 169-187	4.2	253
154	The forward-backward asymmetry for charm quarks at the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 434, 415-425	4.2	8
153	A measurement of the gluon splitting rate into pairs in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 434, 437-450	4.2	20
152	Study of $D^0\bar{D}^0$ mixing and D^0 doubly Cabibbo-suppressed decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 436, 211-221	4.2	15
151	Three-prong τ decays with charged kaons 1998 , 1, 65		14
150	Measurement of the b baryon lifetime and branching fractions in Z decays 1998 , 2, 197		19
149	An upper limit on the (τ) neutrino mass from three- and five-prong tau decays 1998 , 2, 395		44
148	(K^0_S) production in (τ) decays 1998 , 4, 29		14
147	Study of (B_s^0) oscillations and lifetime using fully reconstructed (D_s^-) decays 1998 , 4, 367		9
146	Observation of doubly-charmed B decays at LEP 1998 , 4, 387		17
145	Measurement of the fraction of hadronic Z decays into charm quark pairs 1998 , 4, 557		6
144	Search for evidence of compositeness at LEP I 1998 , 4, 571		13
143	A measurement of the semileptonic branching ratio ($BR(\text{b-baryon}) \rightarrow p \bar{l} \nu X$) and a study of inclusive (π^+p), (K^+p), (p, \bar{p}) production in Z decays 1998 , 5, 205		15
142	Use of silicon and GaAs pixel detectors for digital autoradiography. <i>IEEE Transactions on Nuclear Science</i> , 1997 , 44, 929-933	1.7	15
141	A measurement of R_b using a lifetime-mass tag. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 401, 150-162	4.2	29

140	A measurement of Rb using mutually exclusive tags. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 401, 163-175	4.2	26
139	Search for the Bc meson in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 402, 213-226	4.2	18
138	Search for pair-production of long-lived heavy charged particles in e+e- annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 405, 379-388	4.2	23
137	Studies of QCD in $\{rm e^+ e^-\}$ to hadrons at $\{E_{\{rm cm\}} = 130\}$ and 136 GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 73, 409-420		37
136	Transverse momentum correlations in hadronic Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 73, 421-432		1
135	Inclusive production of neutral pions in hadronic Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 74, 451-461		6
134	Improved measurement of the B _{0d} -B _{0d} oscillation frequency. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 75, 397-407		20
133	Production of orbitally excited charm mesons in semileptonic B decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 73, 601-612		57
132	A study of $\{B\}$ decays involving $\{D\}$ and $\{K\}$ mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 74, 263-273		45
131	A measurement of the QCD colour factors and a limit on the light gluino. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 76, 1-14		40
130	Measurement of the spectral functions of vector current hadronic tau decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 76, 15-33		135
129	The topology dependence of charged particle multiplicities in three-jet events. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 76, 191-199		11
128	Measurements of $ V_{cb} $, form factors and branching fractions in the decays and. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 395, 373-387	4.2	63
127	Study of muon-pair production at centre-of-mass energies from 20 to 136 GeV with the ALEPH detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 399, 329-341	4.2	9
126	Measurement of the W mass in e+e- collisions at production threshold. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 401, 347-362	4.2	28
125	Measurement of the branching fraction for D ₀ -> K π . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 403, 367-376	4.2	10
124	Measurement of the transverse spin correlations in the decay Z -> $\mu\mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 405, 191-201	4.2	8
123	Updated measurement of the τ lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 414, 362-372	4.2	19

122	Measurement of the. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 74, 387		4
121	Improved tau polarisation measurement. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 69, 183-193		13
120	Calculation of the electric field in GaAs particle detectors 1996 , 109, 1269-1275		
119	The design, construction and performance of the ALEPH silicon vertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 379, 101-115	1.2	27
118	First measurement of the quark-to-photon fragmentation function. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 69, 365-377		51
117	Inclusive production of neutral vector mesons in hadronic Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 69, 379-392		33
116	Production of excited beauty states in $Z \rightarrow B_s B_s^*$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 69, 393-404		52
115	Measurement of $D_s^+ \rightarrow \pi^+ \pi^0$ meson production in Z decays and of the $\tau \rightarrow B_s^0 \pi^+$ lifetime. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 69, 585-595		9
114	Measurement of the τ lepton lifetime. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 70, 549-559		10
113	Tau leptonic branching ratios ALEPH Collaboration. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 70, 561-577		16
112	Tau hadronic branching ratios. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 70, 579-608		25
111	Four-jet final state production in e^+e^- collisions at centre-of-mass energies of 130 and 136 GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 71, 179-197		22
110	Mass limit for the lightest neutralino. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 72, 549-559		4
109	Measurement of the B polarization in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 365, 437-447	4.2	36
108	A precise measurement of the average b hadron lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 369, 151-162	4.2	10
107	Search for supersymmetric particles in e^+e^- collisions at centre-of-mass energies of 130 and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 373, 246-260	4.2	54
106	Study of the $B_s^0 \rightarrow B_s^0$ oscillation frequency using D_s^{\pm} combinations in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 377, 205-221	4.2	30
105	Measurement of hadron and lepton-pair production from e^+e^- annihilation at centre-of-mass energies of 130 and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 378, 373-384	4.2	18

104	Measurement of the mass of the \bar{B} baryon. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 380, 442-452	4.2	12
103	Mass limit for the standard model Higgs boson with the full LEP I ALEPH data sample. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 427-438	4.2	33
102	Quark and gluon jet properties in symmetric three-jet events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 353-364	4.2	35
101	Search for charginos and neutralinos with R-parity violation at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 461-470	4.2	7
100	Strange b baryon production and lifetime in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 449-460	4.2	28
99	Measurement of the b forward-backward asymmetry and mixing using high- p_T leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 414-426	4.2	8
98	Search for CP violation in the decay $Z \rightarrow b\bar{b}g$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 365-376	4.2	8
97	Search for heavy lepton pair production in e^+e^- collisions at centre-of-mass energies of 130 and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 439-448	4.2	11
96	Observation of charmless hadronic B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 471-480	4.2	13
95	A study of single and multi-photon production in e^+e^- collisions at centre-of-mass energies of 130 and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 333-342	4.2	16
94	Search for excited leptons at 130-140 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 385, 445-453	4.2	19
93	A study of the electrical and charge-collection properties of semi-insulating GaAs detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 380, 66-69	1.2	4
92	Four-fermion production in e^+e^- collisions at centre-of-mass energies of 130 and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 388, 419-430	4.2	3
91	Charm counting in b decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 388, 648-658	4.2	16
90	Improved measurement of the B^0 and B^+ meson lifetimes 1996 , 71, 31		3
89	Measurement of the branching ratio and an upper limit on. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 343, 444-452	4.2	58
88	A study of production in semileptonic B decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 345, 103-114	4.2	20
87	Study of the subjet structure of quark and gluon jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 346, 389-398	4.2	27

86	Search for CP violation in the decay $Z \rightarrow \mu\mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 346, 371-378	4.2	21
85	Michel parameters and ν helicity from decay correlations in $Z \rightarrow \mu\mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 346, 379-388	4.2	15
84	An upper limit for the ν mass from $\tau \rightarrow 5(\tau)\tau$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 349, 585-596	4.2	72
83	Search for supersymmetric particles with R-parity violation in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 349, 238-252	4.2	14
82	The forward-backward asymmetry for charm quarks at the Z pole. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 352, 479-486	4.2	7
81	Test of the flavour independence of μ s. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 355, 381-393	4.2	14
80	Measurement of the $D^*\mu$ cross section in two photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 355, 595-605	4.2	24
79	Limit on B_0 s oscillation using a jet charge method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 356, 409-422	4.2	23
78	Measurement of μ s from scaling violations in fragmentation functions in e^+e^- annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 357, 487-499	4.2	48
77	Measurements of the b baryon lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 357, 685-698	4.2	19
76	Measurement of the effective b quark fragmentation function at the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 357, 699-714	4.2	38
75	A measurement of $ V_{cb} $ from. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 359, 236-248	4.2	40
74	Measurement of the B_{s0} lifetime and production rate with $D_s\mu$ combinations in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 361, 221-233	4.2	25
73	Performance of the ALEPH detector at LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 360, 481-506	1.2	256
72	Measurements of the charged particle multiplicity distribution in restricted rapidity intervals. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 69, 15-25		17
71	Correlation measurements in $Z \rightarrow \mu\mu$ and the ν helicity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 321, 168-176	4.2	27
70	Observation of monojet events and tentative interpretation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 334, 244-252	4.2	6
69	One-prong τ decays into charged kaons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 332, 209-218	4.2	18

68	K0 production in one-prong \bar{D} decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 332, 219-227	4.2	14
67	Measurement of the B_s^0 lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 322, 275-286	4.2	19
66	An investigation of B_d^0 and B_s^0 oscillation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 322, 441-458	4.2	41
65	A measurement of A_{FB}^b in lifetime tagged heavy flavour Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 335, 99-108	4.2	14
64	An experimental study of \bar{D} hadrons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 509-519	4.2	42
63	Measurement of the ratio using event shape variables. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 549-563	4.2	27
62	Search for particles with unexpected mass and charge in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 303, 198-208	4.2	21
61	Measurement of the B and B^* meson lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 307, 194-208	4.2	37
60	Measurement of the strong coupling constant using \bar{D} decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 307, 209-220	4.2	60
59	First measurement of the B_S meson mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 311, 425-436	4.2	30
58	Search for the standard model Higgs boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 299-311	4.2	50
57	Search for high mass photon pairs in ($f = e, \mu, \nu, q$) at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 308, 425-434	4.2	7
56	Measurement of the branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 298, 479-491	4.2	32
55	Operational experience with a large detector system using silicon strip detectors with double sided readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1993 , 326, 183-188	1.2	13
54	Update of electroweak parameters from Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 60, 71-81		19
53	Observation of the time dependence of mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 498-508	4.2	36
52	A direct measurement of the invisible width of the Z from single photon counting. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 520-534	4.2	27
51	A precise measurement of $\bar{D} \rightarrow b\bar{b}/\bar{D} \rightarrow$ hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 535-548	4.2	138

50	Search for a non-minimal Higgs boson produced in the reaction \rightarrow . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 312-325	4.2	74
49	Measurement of the b hadron lifetime with the dipole method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 314, 459-470	4.2	13
48	Measurement of the production rates of Λ and Σ in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 292, 210-220	4.2	31
47	A measurement of the b baryon lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 297, 449-458	4.2	25
46	Search for CP violation in $Z \rightarrow b\bar{b}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 297, 459-468	4.2	38
45	Measurements of mean lifetime and branching fractions of b hadrons decaying to J/ψ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 295, 396-408	4.2	32
44	Observation of the semileptonic decays of B_S and \bar{B} hadrons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 294, 145-156	4.2	33
43	An investigation into intermittency. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 53, 21-32		24
42	Measurement of the tau lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 279, 411-421	4.2	21
41	Evidence for b baryons in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 278, 209-216	4.2	35
40	Search for a very light CP-odd neutral Higgs boson of the MSSM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 285, 309-318	4.2	6
39	Evidence for the triple-gluon vertex from measurements of the QCD colour factors in Z decay into four jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 284, 151-162	4.2	29
38	Measurement of B_S in hadronic Z decays using all-orders resummed predictions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 284, 163-176	4.2	53
37	Measurement of mixing at the Z using a jet-charge method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 284, 177-190	4.2	25
36	Updated measurement of the average b hadron lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 295, 174-186	4.2	24
35	A precise measurement of the τ lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 297, 432-448	4.2	14
34	. <i>IEEE Transactions on Nuclear Science</i> , 1992 , 39, 701-706	1.7	6
33	Measurement of the polarization of τ leptons produced in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 265, 430-444	4.2	70

32	Search for the neutral Higgs bosons of the MSSM and other two-doublet models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 265, 475-486	4.2	26
31	Measurement of isolated photon production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 264, 476-486	4.2	25
30	Measurement of the charged particle multiplicity distribution in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 273, 181-192	4.2	62
29	Measurement of the forward-backward asymmetry in and. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 263, 325-336	4.2	36
28	Search for a new weakly interacting particle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 262, 139-147	4.2	7
27	Production and decay of charmed mesons at the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 266, 218-230	4.2	42
26	Measurement of charge asymmetry in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 259, 377-388	4.2	34
25	Measurement of B- mixing at the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 258, 236-246	4.2	28
24	Charged particle pair production associated with a lepton pair in Z decays. indication of an excess in the tau channel. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 263, 112-122	4.2	17
23	Measurement of B_s from the structure of particle clusters produced in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 257, 479-491	4.2	43
22	Measurement of the B hadron lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 257, 492-504	4.2	21
21	Search for a very light Higgs boson in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 245, 289-297	4.2	38
20	Search for neutralino production in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 244, 541-550	4.2	43
19	Heavy flavour production in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 244, 551-565	4.2	99
18	Search for excited leptons in Z0 decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 236, 501-510	4.2	30
17	A search for new quarks and leptons from Z0 decay at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 236, 511-522	4.2	73
16	Search for supersymmetric particles using acoplanar charged-particle pairs from Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 236, 86-94	4.2	80
15	Search for the neutral Higgs boson from Z0 decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 236, 233-244	4.2	87

14	Searches for the standard Higgs boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 246, 306-314	4.2	72
13	Search for neutral Higgs bosons from supersymmetry in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 237, 291-302	4.2	61
12	Search for the neutral Higgs Boson from Z0 decay in the Higgs mass range between 11 and 24 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 241, 141-149	4.2	72
11	A search for pair-produced charged Higgs bosons in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 241, 623-634	4.2	41
10	Search for decays of the Z0 into a photon and a pseudoscalar meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 241, 635-643	4.2	8
9	Determination of the leptonic branching ratios of the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 234, 399-408	4.2	16
8	A precise determination of the number of families with light neutrinos and of the Z boson partial widths. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 235, 399-414	4.2	99
7	Properties of hadronic events in e+e- annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 234, 209-218	4.2	62
6	ALEPH: A detector for electron-positron annihilations at LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990 , 294, 121-178	1.2	340
5	. <i>IEEE Transactions on Nuclear Science</i> , 1990 , 37, 1210-1215	1.7	
4	Determination of the number of light neutrino species. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 231, 519-529	4.2	223
3	. <i>IEEE Transactions on Nuclear Science</i> , 1989 , 36, 1514-1517	1.7	2
2	. <i>IEEE Transactions on Nuclear Science</i> , 1989 , 36, 1459-1463	1.7	0
1	The spatial resolution of the ALEPH TPC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1989 , 283, 573-577	1.2	5