

Arie Bodek

List of Publications by Citations

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1,052
papers

39,848
citations

91
h-index

144
g-index

1,083
ext. papers

43,877
ext. citations

5.5
avg, IF

4.5
L-index

| # | Paper | IF | Citations |
|------|--|-----|-----------|
| 1052 | Observation of Top Quark Production in p-bar p Collisions with the Collider Detector at Fermilab. <i>Physical Review Letters</i> , 1995 , 74, 2626-2631 | 7.4 | 1067 |
| 1051 | Measurement of the J/ψ meson and b-hadron production cross sections in pp collisions at $\sqrt{s}=1960$ GeV. <i>Physical Review D</i> , 2005 , 71, | 4.9 | 596 |
| 1050 | Observation of the narrow state X(3872)→J/ψπ ⁺ π ⁻ in pp collisions at square root of s=1.96 TeV. <i>Physical Review Letters</i> , 2004 , 93, 072001 | 7.4 | 469 |
| 1049 | Precise determination of electroweak parameters in neutrino-nucleon scattering. <i>Physical Review Letters</i> , 2002 , 88, 091802 | 7.4 | 435 |
| 1048 | The T2K experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 659, 106-135 | 1.2 | 425 |
| 1047 | 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 |
| 1046 | Observation of long-range, near-side angular correlations in proton-proton collisions at the LHC. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1 | 5.4 | 389 |
| 1045 | Evidence for top quark production in p-bar p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1994 , 50, 2966-3026 | 4.9 | 384 |
| 1044 | Study of high-p _T charged particle suppression in PbPb compared to pp collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>European Physical Journal C</i> , 2012 , 72, 1 | 4.2 | 316 |
| 1043 | Precise measurements of the proton and deuteron structure functions from a global analysis of the SLAC deep inelastic electron scattering cross sections. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 282, 475-482 | 4.2 | 315 |
| 1042 | J/ψ and ψ(2S) Production in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1997 , 79, 572-577 | 7.4 | 278 |
| 1041 | Observation of B _s (0)-B _s (0) oscillations. <i>Physical Review Letters</i> , 2006 , 97, 242003 | 7.4 | 274 |
| 1040 | Observation of a new boson with mass near 125 GeV in pp collisions at $\sqrt{s}=7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 261 |
| 1039 | Search for dark matter, extra dimensions, and unparticles in monojet events in proton-proton collisions at $\sqrt{s}=7$ and 8 TeV. <i>European Physical Journal C</i> , 2015 , 75, 235 | 4.2 | 250 |
| 1038 | Event generator tunes obtained from underlying event and multiparton scattering measurements. <i>European Physical Journal C</i> , 2016 , 76, 155 | 4.2 | 250 |
| 1037 | Observation of the B _c Meson in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1998 , 81, 2432-2437 | 7.4 | 242 |
| 1036 | 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 |

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|------|---|-----|-----|
| 1035 | Fermi-motion effects in deep-inelastic lepton scattering from nuclear targets. <i>Physical Review D</i> , 1981 , 23, 1070-1091 | 4.9 | 235 |
| 1034 | Inclusive J/ψ , $\psi(2S)$, and b -quark production in p -bar p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 69, 3704-3708 | 7.4 | 230 |
| 1033 | Production of J/ψ Mesons from ψ Meson Decays in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1997 , 79, 578-583 | 7.4 | 221 |
| 1032 | Evidence for a mass dependent forward-backward asymmetry in top quark pair production. <i>Physical Review D</i> , 2011 , 83, | 4.9 | 219 |
| 1031 | 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 |
| 1030 | Evidence for a narrow near-threshold structure in the $J/\psi\psi'$ mass spectrum in $B_c \rightarrow J/\psi\psi'K$ decays. <i>Physical Review Letters</i> , 2009 , 102, 242002 | 7.4 | 211 |
| 1029 | Transverse-momentum and pseudorapidity distributions of charged hadrons in pp collisions at ($\sqrt{s}=0.9$) and 2.36 TeV. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1 | 5.4 | 201 |
| 1028 | Double parton scattering in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1997 , 56, 3811-3832 | 4.9 | 199 |
| 1027 | Suppression of non-prompt J/ψ and (ψ') in PbPb collisions at ($\sqrt{s_{NN}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 184 |
| 1026 | Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and W , Z , and Higgs bosons in pp collisions at 8 TeV. <i>European Physical Journal C</i> , 2014 , 74, 3036 | 4.2 | 183 |
| 1025 | Precise measurement of dimuon production cross sections in $\bar{\nu}e$ and νe deep inelastic scattering at the Fermilab Tevatron. <i>Physical Review D</i> , 2001 , 64, | 4.9 | 179 |
| 1024 | 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 |
| 1023 | 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 |
| 1022 | Observation of electroweak single top-quark production. <i>Physical Review Letters</i> , 2009 , 103, 092002 | 7.4 | 174 |
| 1021 | Measurements of inclusive W and Z cross sections in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007 , 34, 2457-2544 | 2.9 | 174 |
| 1020 | Observation of B_c mesons in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1998 , 58, | 4.9 | 173 |
| 1019 | Measurement of J/ψ and $\psi(2S)$ polarization in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 2000 , 85, 2886-91 | 7.4 | 171 |
| 1018 | 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 |

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| 1017 | Search for $B_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ decays with 2 fb ⁻¹ of pp collisions. <i>Physical Review Letters</i> , 2008 , 100, 101802 | 7.4 | 164 |
| 1016 | Measurement of the antiproton-proton total cross section at $\sqrt{s} = 546$ and 1800 GeV. <i>Physical Review D</i> , 1994 , 50, 5550-5561 | 4.9 | 164 |
| 1015 | Search for top-squark pair production in the single-lepton final state in pp collisions at ($\sqrt{s} = 8$ TeV). <i>European Physical Journal C</i> , 2013 , 73, 1 | 4.2 | 162 |
| 1014 | First flavor-tagged determination of bounds on mixing-induced CP violation in $B_s^0 \rightarrow J/\psi \phi$ decays. <i>Physical Review Letters</i> , 2008 , 100, 161802 | 7.4 | 161 |
| 1013 | 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 |
| 1012 | Analysis of the quantum numbers J(PC) of the X(3872) particle. <i>Physical Review Letters</i> , 2007 , 98, 132002 | 7.4 | 159 |
| 1011 | Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at ($\sqrt{s_{NN}} = 2.76$ TeV). <i>European Physical Journal C</i> , 2012 , 72, 1 | 4.2 | 158 |
| 1010 | Search for dark matter and large extra dimensions in monojet events in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 155 |
| 1009 | Combined measurements of Higgs boson couplings in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 421 | 4.2 | 153 |
| 1008 | Search for heavy neutrinos and [Formula: see text] bosons with right-handed couplings in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 3149 | 4.2 | 149 |
| 1007 | 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 |
| 1006 | A New Parameterization of the Nucleon Elastic Form Factors. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006 , 159, 127-132 | | 143 |
| 1005 | Search for New Gauge Bosons Decaying into Dileptons in p <p <math="" at="" collisions="">s = 1.8 TeV. <i>Physical Review Letters</i>, 1997, 79, 2192-2197</p> | 7.4 | 140 |
| 1004 | Measurement of muon neutrino quasielastic scattering on a hydrocarbon target at $E_{\nu} \sim 3.5$ GeV. <i>Physical Review Letters</i> , 2013 , 111, 022502 | 7.4 | 139 |
| 1003 | Study of the inclusive production of charged pions, kaons, and protons in pp collisions at ($\sqrt{s} = 0.9, 2.76, 7$ TeV). <i>European Physical Journal C</i> , 2012 , 72, 1 | 4.2 | 133 |
| 1002 | Measurement of the B_s^0 - B_s^0 oscillation frequency. <i>Physical Review Letters</i> , 2006 , 97, 062003 | 7.4 | 133 |
| 1001 | 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 |
| 1000 | 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 |

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|-----|---|-----|-----|
| 999 | 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 |
| 998 | Charged jet evolution and the underlying event in proton-antiproton collisions at 1.8 TeV. <i>Physical Review D</i> , 2002 , 65, | 4.9 | 125 |
| 997 | Upsilon production and polarization in p p macro collisions at square root of $s = 1.8$ TeV. <i>Physical Review Letters</i> , 2002 , 88, 161802 | 7.4 | 125 |
| 996 | Search for Flavor-Changing Neutral Current Decays of the Top Quark in pp Collisions at $s=1.8$ TeV. <i>Physical Review Letters</i> , 1998 , 80, 2525-2530 | 7.4 | 124 |
| 995 | Measurement of small angle antiproton-proton elastic scattering at $\sqrt{s}=546$ and 1800 GeV. <i>Physical Review D</i> , 1994 , 50, 5518-5534 | 4.9 | 124 |
| 994 | Measurement of the inclusive W and Z production cross sections in pp collisions at ($\sqrt{s} = 7$) TeV with the CMS experiment. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 121 |
| 993 | Measurement of muon antineutrino quasielastic scattering on a hydrocarbon target at $E_{\bar{\nu}}$ 3.5 GeV. <i>Physical Review Letters</i> , 2013 , 111, 022501 | 7.4 | 119 |
| 992 | Measurement of the inclusive jet cross section at the Fermilab Tevatron pp collider using a cone-based jet algorithm. <i>Physical Review D</i> , 2008 , 78, | 4.9 | 119 |
| 991 | Prompt and non-prompt J/ ψ production in pp collisions at ($\sqrt{s} = 7$) TeV. <i>European Physical Journal C</i> , 2011 , 71, 1 | 4.2 | 118 |
| 990 | 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 |
| 989 | 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 |
| 988 | A search for a doubly-charged Higgs boson in pp collisions at ($\sqrt{s} = 7$ mTeV). <i>European Physical Journal C</i> , 2012 , 72, 1 | 4.2 | 111 |
| 987 | Precise measurement of neutrino and antineutrino differential cross sections. <i>Physical Review D</i> , 2006 , 74, | 4.9 | 110 |
| 986 | Design, calibration, and performance of the MINERvA detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 743, 130-159 | 1.2 | 105 |
| 985 | 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 |
| 984 | Diffraction dijets with a leading antiproton in $\bar{p}p$ collisions at \sqrt{s} . <i>Physical Review Letters</i> , 2000 , 84, 5043-8 | 7.4 | 105 |
| 983 | Measurements of inclusive W and Z cross sections in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 104 |
| 982 | 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 |

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| 981 | Combination of the top-quark mass measurements from the Tevatron collider. <i>Physical Review D</i> , 2012 , 86, | 4.9 | 104 |
| 980 | Measurement of the dipion mass spectrum in decays. <i>Physical Review Letters</i> , 2006 , 96, 102002 | 7.4 | 104 |
| 979 | Measurement of differential top-quark-pair production cross sections in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>European Physical Journal C</i> , 2013 , 73, 1 | 4.2 | 102 |
| 978 | Evidence for the 125 GeV Higgs boson decaying to a pair of ℓ leptons. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1 | 5.4 | 101 |
| 977 | Search for a light charged Higgs boson in top quark decays in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 101 |
| 976 | Search for charged Higgs bosons from top quark decays in pp collisions at square root $s = 1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2006 , 96, 042003 | 7.4 | 101 |
| 975 | Transverse momentum and total cross section of $e^{+}e^{-}$ pairs in the Z-boson region from $p\bar{p}$ collisions at \sqrt{s} . <i>Physical Review Letters</i> , 2000 , 84, 845-50 | 7.4 | 101 |
| 974 | Measurement of $\sin^2\theta$ from $B \rightarrow J/\psi K_S$ with the CDF detector. <i>Physical Review D</i> , 2000 , 61, | 4.9 | 100 |
| 973 | CMS tracking performance results from early LHC operation. <i>European Physical Journal C</i> , 2010 , 70, 116541192 | 99 | |
| 972 | Measurement of the differential cross section for top quark pair production in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 542 | 4.2 | 98 |
| 971 | 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 |
| 970 | Production of Upsilon(1S) mesons from $\chi(b)$ decays in $p\bar{p}$ collisions at \sqrt{s} . <i>Physical Review Letters</i> , 2000 , 84, 2094-9 | 7.4 | 97 |
| 969 | Searches for long-lived charged particles in pp collisions at (\sqrt{s}) = 7 and 8 TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 96 |
| 968 | 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 |
| 967 | Measurement of p -bar p single diffraction dissociation at $\sqrt{s} = 546$ and 1800 GeV. <i>Physical Review D</i> , 1994 , 50, 5535-5549 | 4.9 | 96 |
| 966 | Observation of the baryonic flavor-changing neutral current decay $B(0) \rightarrow \pi^0 \pi^0$. <i>Physical Review Letters</i> , 2011 , 107, 201802 | 7.4 | 95 |
| 965 | The CDF plug upgrade electromagnetic calorimeter: test beam results. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 480, 524-546 | 1.2 | 95 |
| 964 | Vector and axial nucleon form factors: A duality constrained parameterization. <i>European Physical Journal C</i> , 2008 , 53, 349-354 | 4.2 | 94 |

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| 963 | Observation of the Heavy Baryons Sigma b and Sigma b*. <i>Physical Review Letters</i> , 2007 , 99, 202001 | 7.4 | 93 |
| 962 | Search for supersymmetry in hadronic final states using M T2 in pp collisions at (sqrt{s}=7) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 92 |
| 961 | Evidence for D0-D(0) mixing using the CDF II detector. <i>Physical Review Letters</i> , 2008 , 100, 121802 | 7.4 | 91 |
| 960 | Observation of the decay $B_{c+/-} \rightarrow J/\psi \pi_{1+/-}$ and measurement of the $B_{c+/-}$ mass. <i>Physical Review Letters</i> , 2008 , 100, 182002 | 7.4 | 90 |
| 959 | Charged particle multiplicities in pp interactions at (sqrt{s} = 0.9), 2.36, and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 89 |
| 958 | 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 |
| 957 | Measurement of the inclusive jet cross section using the kT algorithm in pp collisions at s=1.96 TeV with the CDF II detector. <i>Physical Review D</i> , 2007 , 75, | 4.9 | 89 |
| 956 | Measurement of the nucleon strange-antistrange asymmetry at next-to-leading order in QCD from NuTeV Dimuon data. <i>Physical Review Letters</i> , 2007 , 99, 192001 | 7.4 | 89 |
| 955 | Measurement of the W boson mass. <i>Physical Review D</i> , 1995 , 52, 4784-4827 | 4.9 | 89 |
| 954 | Neutrino quasielastic scattering on nuclear targets. <i>European Physical Journal C</i> , 2011 , 71, 1 | 4.2 | 88 |
| 953 | 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 |
| 952 | Dependence on pseudorapidity and on centrality of charged hadron production in PbPb collisions at (sqrt{s_{NN}} = 2.76) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 87 |
| 951 | 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 |
| 950 | Search for Charged Higgs Boson Decays of the Top Quark using Hadronic Decays of the Tau Lepton. <i>Physical Review Letters</i> , 1997 , 79, 357-362 | 7.4 | 87 |
| 949 | Search for high-mass resonances decaying to dimuons at CDF. <i>Physical Review Letters</i> , 2009 , 102, 091805 | 7.4 | 83 |
| 948 | Further studies of Fermi-motion effects in lepton scattering from nuclear targets. <i>Physical Review D</i> , 1981 , 24, 1400-1402 | 4.9 | 83 |
| 947 | Search for supersymmetry in hadronic final states with missing transverse energy using the variables and b-quark multiplicity in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2568 | 4.2 | 82 |
| 946 | 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 |

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|-----|---|-----|----|
| 945 | Observation and mass measurement of the baryon Λ_b^- . <i>Physical Review Letters</i> , 2007 , 99, 052002 | 7.4 | 80 |
| 944 | Strange particle production in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 78 |
| 943 | Observation of Diffractive W-Boson Production at the Fermilab Tevatron. <i>Physical Review Letters</i> , 1997 , 78, 2698-2703 | 7.4 | 78 |
| 942 | Measurement of bottom-quark hadron masses in exclusive J/psi decays with the CDF detector. <i>Physical Review Letters</i> , 2006 , 96, 202001 | 7.4 | 78 |
| 941 | 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 |
| 940 | Measurement of the difference in CP-violating asymmetries in $D(0) \rightarrow K(+)K(-)$ and $D(0) \rightarrow \pi(+) \pi(-)$ decays at CDF. <i>Physical Review Letters</i> , 2012 , 109, 111801 | 7.4 | 77 |
| 939 | Upsilon production in pp-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 75, 4358-4363 | 7.4 | 77 |
| 938 | 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 |
| 937 | Searches for invisible decays of the Higgs boson in pp collisions at (\sqrt{s}) = 7, 8, and 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 74 |
| 936 | Precise measurement of the W-boson mass with the CDF II detector. <i>Physical Review Letters</i> , 2012 , 108, 151803 | 7.4 | 74 |
| 935 | Observation of single top quark production and measurement of $ V_{tb} $ with CDF. <i>Physical Review D</i> , 2010 , 82, | 4.9 | 74 |
| 934 | Higgs boson studies at the Tevatron. <i>Physical Review D</i> , 2013 , 88, | 4.9 | 73 |
| 933 | 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 |
| 932 | Measurement of jet fragmentation into charged particles in pp and PbPb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 73 |
| 931 | Observation of orbitally excited B(s) mesons. <i>Physical Review Letters</i> , 2008 , 100, 082001 | 7.4 | 73 |
| 930 | Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 2001 , 64, | 4.9 | 73 |
| 929 | Search for gluinos and scalar quarks in pp collisions at $\sqrt{s} = 1.8$ TeV using the missing energy plus multijets signature. <i>Physical Review Letters</i> , 2002 , 88, 041801 | 7.4 | 73 |
| 928 | Measurement of the Top Quark Mass and $t\bar{t}$ Production Cross Section from Dilepton Events at the Collider Detector at Fermilab. <i>Physical Review Letters</i> , 1998 , 80, 2779-2784 | 7.4 | 73 |

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| 927 | Search for large extra dimensions in final states containing one photon or jet and large missing transverse energy produced in pp collisions at square root[s]=1.96 TeV. <i>Physical Review Letters</i> , 2008 , 101, 181602 | 7.4 | 72 |
| 926 | Measurement of the B+ total cross section and B+ differential cross section $d\sigma/dp_T$ in pp collisions at s=1.8 TeV. <i>Physical Review D</i> , 2002 , 65, | 4.9 | 72 |
| 925 | Study of the production of charged pions, kaons, and protons in pPb collisions at [Formula: see text]5.02[Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 2847 | 4.2 | 71 |
| 924 | Precision measurement of the X(3872) mass in J/psi pi(+) pi(-) decays. <i>Physical Review Letters</i> , 2009 , 103, 152001 | 7.4 | 71 |
| 923 | 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 |
| 922 | Measurement of the single-top-quark t-channel cross section in pp collisions at (sqrt{s}=7) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 70 |
| 921 | Measurement of the underlying event activity at the LHC with (sqrt {s} = 7) TeV and comparison with (sqrt {s} = 0.9) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 70 |
| 920 | 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 |
| 919 | Measurement of Dijet Angular Distributions by the Collider Detector at Fermilab. <i>Physical Review Letters</i> , 1996 , 77, 5336-5341 | 7.4 | 70 |
| 918 | 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 |
| 917 | J/\Psi and \Upsilon(2S) production in pp collisions at (sqrt {s} = 7\text{TeV}). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 69 |
| 916 | Measurement of Diffractive Dijet Production at the Fermilab Tevatron. <i>Physical Review Letters</i> , 1997 , 79, 2636-2641 | 7.4 | 69 |
| 915 | 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 |
| 914 | Limits on Quark-Lepton Compositeness Scales from Dileptons Produced in 1.8 TeV pp Collisions. <i>Physical Review Letters</i> , 1997 , 79, 2198-2203 | 7.4 | 68 |
| 913 | Measurement of the tt production cross section in pp collisions at s=1.96 TeV using lepton+jets events with jet probability b-tagging. <i>Physical Review D</i> , 2006 , 74, | 4.9 | 68 |
| 912 | Measurement of the Top Quark Mass with the Collider Detector at Fermilab. <i>Physical Review Letters</i> , 1999 , 82, 271-276 | 7.4 | 68 |
| 911 | Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at (sqrt{s}_{\mathrm{NN}} = 5.02) (,text {TeV}). <i>European Physical Journal C</i> , 2014 , 74, 1 | 4.2 | 67 |
| 910 | 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 |

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| 909 | Observation of exclusive electron-positron production in hadron-hadron collisions. <i>Physical Review Letters</i> , 2007 , 98, 112001 | 7.4 | 67 |
| 908 | 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 |
| 907 | Search for anomalous production of multilepton events in pp collisions at ($\sqrt{s} = 7, \text{TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 65 |
| 906 | Search for new physics in high-mass electron-positron events in pp collisions at square root $s = 1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2007 , 99, 171802 | 7.4 | 65 |
| 905 | Measurement of the Lepton Charge Asymmetry in W-Boson Decays Produced in pp Collisions. <i>Physical Review Letters</i> , 1998 , 81, 5754-5759 | 7.4 | 65 |
| 904 | Charged-particle nuclear modification factors in PbPb and pPb collisions at ($\sqrt{s_{\text{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 64 |
| 903 | Measurement of the ($\overline{t}t$) production cross section in the dilepton channel in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 64 |
| 902 | Search for $B(s)(0) \rightarrow \mu^+ \mu^-$ and $B(0) \rightarrow \mu^+ \mu^-$ decays with CDF II. <i>Physical Review Letters</i> , 2011 , 107, 191801 | 7.4 | 64 |
| 901 | Inclusive search for squark and gluino production in pp collisions at $\sqrt{s}=1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2009 , 102, 121801 | 7.4 | 64 |
| 900 | Measurement of $b\bar{b}$ production correlations, $B^0\bar{B}^0$ mixing, and a limit on β in pp collisions at $s=1.8 \text{ TeV}$. <i>Physical Review D</i> , 1997 , 55, 2546-2558 | 4.9 | 64 |
| 899 | Observation of rapidity gaps in p-barp collisions at 1.8 TeV. <i>Physical Review Letters</i> , 1995 , 74, 855-859 | 7.4 | 64 |
| 898 | Search for dark matter in events with one jet and missing transverse energy in pp collisions at $\sqrt{s}=1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2012 , 108, 211804 | 7.4 | 63 |
| 897 | Measurement of α_s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 692, 232-239 | 4.2 | 63 |
| 896 | Search for $Z' \rightarrow e^+ e^-$ using dielectron mass and angular distribution. <i>Physical Review Letters</i> , 2006 , 96, 211801 | 7.4 | 63 |
| 895 | 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 |
| 894 | Observation of exclusive dijet production at the Fermilab Tevatron p-pbar collider. <i>Physical Review D</i> , 2008 , 77, | 4.9 | 62 |
| 893 | Underlying event in hard interactions at the Fermilab Tevatron p-pbar collider. <i>Physical Review D</i> , 2004 , 70, | 4.9 | 62 |
| 892 | 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 |

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| 891 | 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 |
| 890 | Search for a charged Higgs boson in pp collisions at (\sqrt{s})=8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 61 |
| 889 | 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 |
| 888 | Measurement of the forward-backward charge asymmetry from W \rightarrow e μ production in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2005 , 71, | 4.9 | 61 |
| 887 | Prompt photon cross section measurement in p-bar p collisions at \sqrt{s} = 1.8 TeV. <i>Physical Review D</i> , 1993 , 48, 2998-3025 | 4.9 | 61 |
| 886 | 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 |
| 885 | Measurement of inclusive jet cross sections in Z/ γ^* ($\rightarrow e^+e^-$) + jets production in pp collisions at square root s = 1.96 TeV. <i>Physical Review Letters</i> , 2008 , 100, 102001 | 7.4 | 60 |
| 884 | 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 |
| 883 | 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 |
| 882 | Measurement of the tt production cross section in pp collisions at square root of s = 1.96 TeV. <i>Physical Review Letters</i> , 2006 , 97, 082004 | 7.4 | 59 |
| 881 | Search for the decays $B_d^0 \rightarrow \mu^+ \mu^-$ and $B_s^0 \rightarrow \mu^+ \mu^-$ in pp collisions at s=1.8 TeV. <i>Physical Review D</i> , 1998 , 57, R3811-R3816 | 4.9 | 59 |
| 880 | Dijet Production by Color-Singlet Exchange at the Fermilab Tevatron. <i>Physical Review Letters</i> , 1998 , 80, 1156-1161 | 7.4 | 59 |
| 879 | Measurement of $\sigma_B(W \rightarrow e \nu)$ and $\sigma_B(Z^0 \rightarrow e^+e^-)$ in p-p collisions at \sqrt{s} = 1.8 TeV. <i>Physical Review Letters</i> , 1996 , 76, 3070-3075 | 7.4 | 59 |
| 878 | 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 |
| 877 | 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 |
| 876 | Measurement of the tt production cross section in pp collisions at s=1.8TeV. <i>Physical Review D</i> , 2001 , 64, | 4.9 | 58 |
| 875 | Identification of Nuclear Effects in Neutrino-Carbon Interactions at Low Three-Momentum Transfer. <i>Physical Review Letters</i> , 2016 , 116, 071802 | 7.4 | 57 |
| 874 | Search for anomalous (\overline{t}) production in the highly-boosted all-hadronic final state. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 57 |

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| 873 | Measurement of CP-violating asymmetries in $D^0 \rightarrow \pi^+ \pi^-$ and $D^0 \rightarrow K^+ K^-$ decays at CDF. <i>Physical Review D</i> , 2012 , 85, | 4.9 | 57 |
| 872 | Search for $B^0_s \rightarrow \mu^+ \mu^-$ and $B^0_d \rightarrow \mu^+ \mu^-$ decays in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2004 , 93, 032001 | 7.4 | 57 |
| 871 | Measurement of W-photon couplings in p-p-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 74, 1936-1940 | 7.4 | 57 |
| 870 | Study of exclusive two-photon production of $W+W$ in pp collisions at ($\sqrt{s}=7$) TeV and constraints on anomalous quartic gauge couplings. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 56 |
| 869 | Measurement of the $W+W$ cross section in pp collisions at ($\sqrt{s} = 7$ TeV) and limits on anomalous WW and WWZ couplings. <i>European Physical Journal C</i> , 2013 , 73, 1 | 4.2 | 56 |
| 868 | Long-range and short-range dihadron angular correlations in central PbPb collisions at ($\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 56 |
| 867 | Search for long-lived massive charged particles in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , 2009 , 103, 021802 | 7.4 | 56 |
| 866 | Search for exclusive $\gamma\gamma$ production in Hadron-Hadron collisions. <i>Physical Review Letters</i> , 2007 , 99, 242002 | 7.4 | 56 |
| 865 | 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 |
| 864 | Measurement of the $W^+ W^-$ production cross section and search for anomalous WW and WWZ couplings in pp collisions at square root(s)=1.96 TeV. <i>Physical Review Letters</i> , 2010 , 104, 201801 | 7.4 | 55 |
| 863 | 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 |
| 862 | 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 |
| 861 | Search for new phenomena with the variable in the all-hadronic final state produced in proton-proton collisions at. <i>European Physical Journal C</i> , 2017 , 77, 710 | 4.2 | 54 |
| 860 | Measurement of the ratio $\sigma(t\bar{t})/\sigma(Z/\gamma^* \rightarrow l\bar{l})$ and precise extraction of the $t\bar{t}$ cross section. <i>Physical Review Letters</i> , 2010 , 105, 012001 | 7.4 | 54 |
| 859 | Search for exclusive Z-boson production and observation of high-mass $pp \rightarrow \gamma\gamma p\bar{p}$ events in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 222002 | 7.4 | 54 |
| 858 | Search for ($B^0 \rightarrow \pi^+ \pi^-$) and $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 52 |
| 857 | 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 |
| 856 | Measurement of the W boson mass with the Collider Detector at Fermilab. <i>Physical Review D</i> , 2001 , 64, | 4.9 | 52 |

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| 855 | Charged pion production in interactions on hydrocarbon at $\sqrt{s}=4.0$ GeV. <i>Physical Review D</i> , 2015 , 92, | 4.9 | 51 |
| 854 | 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 |
| 853 | 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 |
| 852 | Measurement of the ratio of the inclusive 3-jet cross section to the inclusive 2-jet cross section in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$) and first determination of the strong coupling constant in the TeV range. <i>European Physical Journal C</i> , 2013 , 73, 1 | 4.2 | 50 |
| 851 | Search for the production of narrow $t\bar{b}$ resonances in 1.9 fb^{-1} of pp collisions at $\sqrt{s} = 1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2009 , 103, 041801 | 7.4 | 50 |
| 850 | Search for heavy bottomlike quarks decaying to an electron or muon and jets in pp collisions at $\sqrt{s} = 1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2011 , 106, 141803 | 7.4 | 50 |
| 849 | Search for the flavor-changing neutral-current decay $t \rightarrow Zq$ in pp collisions at $\sqrt{s} = 1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2008 , 101, 192002 | 7.4 | 50 |
| 848 | 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 $s = 1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2006 , 97, 211802 | 7.4 | 50 |
| 847 | Measurement of the lifetime difference between B_s mass eigenstates. <i>Physical Review Letters</i> , 2005 , 94, 101803 | 7.4 | 50 |
| 846 | Measurement of the top quark mass with the collider detector at Fermilab. <i>Physical Review D</i> , 2001 , 63, | 4.9 | 50 |
| 845 | Search for a standard-model-like Higgs boson with a mass in the range 145 to 1000 GeV at the LHC. <i>European Physical Journal C</i> , 2013 , 73, 2469 | 4.2 | 49 |
| 844 | Measurement of coherent production of (H) in neutrino and antineutrino beams on carbon from E_{ν} 1.5 to 20 GeV. <i>Physical Review Letters</i> , 2014 , 113, 261802 | 7.4 | 49 |
| 843 | Search for Third Generation Leptoquarks in p-p Collisions at $s=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1997 , 78, 2906-2911 | 7.4 | 49 |
| 842 | Search for scalar top and scalar bottom quarks in pp collisions at square root $s=1.8 \text{ TeV}$. <i>Physical Review Letters</i> , 2000 , 84, 5704-9 | 7.4 | 49 |
| 841 | Calibration of the CCFR target calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990 , 294, 179-192 | 1.2 | 49 |
| 840 | 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 |
| 839 | 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 |
| 838 | Measurement of the ($t\bar{t}$) production cross section and the top quark mass in the dilepton channel in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 48 |

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| 837 | Combination of measurements of the top-quark pair production cross section from the Tevatron Collider. <i>Physical Review D</i> , 2014 , 89, | 4.9 | 47 |
| 836 | Measurement of $\sigma(\chi_{c2} B(\chi_{c2} \rightarrow J/\psi \gamma))/\sigma(\chi_{c1} B(\chi_{c1} \rightarrow J/\psi \gamma))$ in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 232001 | 7.4 | 47 |
| 835 | Comparison of the isolated direct photon cross sections in pp collisions at $s=1.8$ TeV and $s=0.63$ TeV. <i>Physical Review D</i> , 2002 , 65, | 4.9 | 47 |
| 834 | Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 46 |
| 833 | Measurement of the relative prompt production rate of and in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2251 | 4.2 | 46 |
| 832 | Search for new physics with same-sign isolated dilepton events with jets and missing transverse energy at the LHC. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 46 |
| 831 | Search for new physics with jets and missing transverse momentum in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 46 |
| 830 | Measurement of branching ratio and B_{s0} lifetime in the decay $B_{s0} \rightarrow J/\psi \phi(980)$ at CDF. <i>Physical Review D</i> , 2011 , 84, | 4.9 | 46 |
| 829 | 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 |
| 828 | Search for long-lived charged massive particles in pp collisions at square root $s = 1.8$ TeV. <i>Physical Review Letters</i> , 2003 , 90, 131801 | 7.4 | 46 |
| 827 | Combined search for electroweak production of charginos and neutralinos in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 45 |
| 826 | Exclusive $\bar{b} \rightarrow \bar{c} \ell \bar{\nu}_\ell$ production in proton-proton collisions at ($\sqrt{s} = \{7\}$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 45 |
| 825 | 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 |
| 824 | Search for exclusive or semi-exclusive $\ell \bar{\nu}_\ell$ production and observation of exclusive and semi-exclusive $e^+e^- \ell \bar{\nu}_\ell$ production in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 45 |
| 823 | Measurement of the sum of WW and WZ production with W+dijet events in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2283 | 4.2 | 45 |
| 822 | 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 |
| 821 | Measurement of the B^+ production cross section in pp collisions at $s=1960$ GeV. <i>Physical Review D</i> , 2007 , 75, | 4.9 | 45 |
| 820 | Measurement of the $X(3872)$ production cross section via decays to $J/\psi \phi$ in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 44 |

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| 819 | Search for heavy bottom-like quarks in 4.9 fb ⁻¹ of pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5-4 | 44 |
| 818 | Charged particle transverse momentum spectra in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5-4 | 44 |
| 817 | Global search for new physics with 2.0 fb ⁻¹ at CDF. <i>Physical Review D</i> , 2009 , 79, | 4-9 | 44 |
| 816 | First run II measurement of the W boson mass at the Fermilab Tevatron. <i>Physical Review D</i> , 2008 , 77, | 4-9 | 44 |
| 815 | Measurement of the single-top-quark production cross section at CDF. <i>Physical Review Letters</i> , 2008 , 101, 252001 | 7-4 | 44 |
| 814 | Measurement of the forward-backward charge asymmetry of electron-positron pairs in p <p> collisions at s=1.96 TeV. <i>Physical Review D</i>, 2005, 71,</p> | 4-9 | 44 |
| 813 | Measurement of B hadron lifetimes using J/ψ final states at CDF. <i>Physical Review D</i> , 1998 , 57, 5382-5401 | 4-9 | 44 |
| 812 | 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 |
| 811 | 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 |
| 810 | Search for leptonic decays of W [±] bosons in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5-4 | 43 |
| 809 | 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 |
| 808 | Improved low Q ² model for neutrino and electron nucleon cross sections in few GeV region. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005 , 139, 113-118 | | 43 |
| 807 | Event activity dependence of (Υ)(nS) production in ($\sqrt{s_{NN}}$) = 5.02 TeV pPb and (\sqrt{s}) = 2.76 TeV pp collisions. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1 | 5-4 | 42 |
| 806 | Measurements of the properties of $\Lambda(2595)$, $\Lambda(2625)$, $\Lambda(2455)$, and $\Lambda(2520)$ baryons. <i>Physical Review D</i> , 2011 , 84, | 4-9 | 42 |
| 805 | 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 |
| 804 | 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 |
| 803 | Searches for New Physics in Diphoton Events in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1998 , 81, 1791-1796 | 7-4 | 42 |
| 802 | Comparison of jet production in p-barp collisions at $\sqrt{s}=546$ and 1800 GeV. <i>Physical Review Letters</i> , 1993 , 70, 1376-1380 | 7-4 | 42 |

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| 801 | Measurement of muon plus proton final states in interactions on hydrocarbon at $\sqrt{s}=4.2$ GeV. <i>Physical Review D</i> , 2015 , 91, | 4.9 | 4 ¹ |
| 800 | 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 | 4 ¹ |
| 799 | 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 | 4 ¹ |
| 798 | Search for electroweak production of charginos and neutralinos using leptonic final states in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 4 ¹ |
| 797 | Observation of the B_c baryon and measurement of the properties of the B_c and B_c baryons. <i>Physical Review D</i> , 2009 , 80, | 4.9 | 4 ¹ |
| 796 | 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 | 4 ¹ |
| 795 | 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 | 4 ¹ |
| 794 | Combination of CDF and D0 results on the W boson mass and width. <i>Physical Review D</i> , 2004 , 70, | 4.9 | 4 ¹ |
| 793 | 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 | 4 ¹ |
| 792 | 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 | 4 ⁰ |
| 791 | Observation of s-channel production of single top quarks at the Tevatron. <i>Physical Review Letters</i> , 2014 , 112, 231803 | 7.4 | 4 ⁰ |
| 790 | Study of orbitally excited B mesons and evidence for a new B_c resonance. <i>Physical Review D</i> , 2014 , 90, | 4.9 | 4 ⁰ |
| 789 | Observation of new charmless decays of bottom hadrons. <i>Physical Review Letters</i> , 2009 , 103, 031801 | 7.4 | 4 ⁰ |
| 788 | Soft and hard interactions in pp collisions at $\sqrt{s}=1800$ and 630 GeV. <i>Physical Review D</i> , 2002 , 65, | 4.9 | 4 ⁰ |
| 787 | Searches for new physics in diphoton events in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1999 , 59, | 4.9 | 4 ⁰ |
| 786 | Studies of jet mass in dijet and W/Z + jet events. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 39 |
| 785 | Study of the underlying event at forward rapidity in pp collisions at $(\sqrt{s}=0.9, 2.76, \text{and } 7 \text{ TeV})$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 39 |
| 784 | Measurement of the ZZ production cross section and search for anomalous couplings in 200 final states in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 39 |

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| 783 | Combination of CDF and D0 W-Boson mass measurements. <i>Physical Review D</i> , 2013 , 88, | 4.9 | 39 |
| 782 | Search for same-sign top-quark pair production at ($\sqrt{s} = 7$) TeV and limits on flavour changing neutral currents in the top sector. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 39 |
| 781 | 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 |
| 780 | Search for new high-mass particles decaying to Lepton pairs in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 95, 252001 | 7.4 | 39 |
| 779 | Cross sections for π^0 and η induced pion production on hydrocarbon in the few-GeV region using MINERvA. <i>Physical Review D</i> , 2016 , 94, | 4.9 | 39 |
| 778 | Search for natural and split supersymmetry in proton-proton collisions at ($\sqrt{s}=13$) TeV in final states with jets and missing transverse momentum. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 39 |
| 777 | 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 |
| 776 | Search for microscopic black holes in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 38 |
| 775 | Measurement of the lepton charge asymmetry in inclusive W production in pp collisions at ($\sqrt{s} = 7$; {TeV}). <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 38 |
| 774 | 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 |
| 773 | 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 |
| 772 | Observation of $B^0 \rightarrow J/\psi K^0$ at the Fermilab proton-antiproton collider. <i>Physical Review D</i> , 1997 , 55, 1142-1152. | 4.9 | 38 |
| 771 | 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 |
| 770 | 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 |
| 769 | Measurement of the [Formula: see text] cross section in pp collisions at [Formula: see text] TeV and limits on anomalous gauge couplings. <i>European Physical Journal C</i> , 2016 , 76, 401 | 4.2 | 38 |
| 768 | 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 |
| 767 | 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 |
| 766 | 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 |

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| 765 | Jet production rates in association with W and Z bosons in pp collisions at ($\sqrt{s} = 7$ TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5-4 | 37 |
| 764 | Measurement of masses in the [Formula: see text] system by kinematic endpoints in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2494 | 4-2 | 37 |
| 763 | Search for narrow resonances and quantum black holes in inclusive and b-tagged dijet mass spectra from pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5-4 | 37 |
| 762 | 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 |
| 761 | Production of $\Upsilon(2S)$ mesons in pp collisions at 1.96 TeV. <i>Physical Review D</i> , 2009 , 80, | 4-9 | 37 |
| 760 | Measurement of the forward-backward asymmetry in the $B \rightarrow K^*(\ell^+\ell^-)$ decay and first observation of the $B(s)0 \rightarrow \gamma(\ell^+\ell^-)$ decay. <i>Physical Review Letters</i> , 2011 , 106, 161801 | 7-4 | 37 |
| 759 | Measurements of the angular distributions of muons from Υ decays in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 151802 | 7-4 | 37 |
| 758 | 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 |
| 757 | Design, performance, and calibration of CMS forward calorimeter wedges. <i>European Physical Journal C</i> , 2008 , 53, 139-166 | 4-2 | 37 |
| 756 | 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 |
| 755 | 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 |
| 754 | First measurement of the W-boson mass in run II of the Tevatron. <i>Physical Review Letters</i> , 2007 , 99, 151801 | 7-4 | 37 |
| 753 | Limits on extra dimensions and new particle production in the exclusive photon and missing energy signature in pp collisions at square root $[s]=1.8$ TeV. <i>Physical Review Letters</i> , 2002 , 89, 281801 | 7-4 | 37 |
| 752 | 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 |
| 751 | Measurement of prompt and nonprompt charmonium suppression in collisions at 5.02. <i>European Physical Journal C</i> , 2018 , 78, 509 | 4-2 | 37 |
| 750 | Measurement of neutrino flux from neutrino-electron elastic scattering. <i>Physical Review D</i> , 2016 , 93, | 4-9 | 36 |
| 749 | Measurement of the top-quark mass in $(\mathrm{t})\overline{(\mathrm{t})}$ events with dilepton final states in pp collisions at ($\sqrt{s}=7$ TeV). <i>European Physical Journal C</i> , 2012 , 72, 1 | 4-2 | 36 |
| 748 | Precision top-quark mass measurement at CDF. <i>Physical Review Letters</i> , 2012 , 109, 152003 | 7-4 | 36 |

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| 747 | First measurement of the underlying event activity at the LHC with ($\sqrt{s} = 0.9$) TeV. <i>European Physical Journal C</i> , 2010 , 70, 555-572 | 4.2 | 36 |
| 746 | Evidence for $W+W$ Production in $p\bar{p}$ Collisions at $s=1.8$ TeV. <i>Physical Review Letters</i> , 1997 , 78, 4536-4540 | 7.4 | 36 |
| 745 | 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 |
| 744 | Momentum distribution of charged particles in jets in dijet events in pp collisions at $s=1.8$ TeV and comparisons to perturbative QCD predictions. <i>Physical Review D</i> , 2003 , 68, | 4.9 | 36 |
| 743 | 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 |
| 742 | Measurement of jet shapes in p - \bar{p} collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1993 , 70, 713-717 | 7.4 | 36 |
| 741 | 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 |
| 740 | 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 |
| 739 | 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 |
| 738 | Search for the standard model Higgs boson produced in association with a top-quark pair in pp collisions at the LHC. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 35 |
| 737 | Search for third-generation scalar leptoquarks and heavy right-handed neutrinos in final states with two tau leptons and two jets in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 35 |
| 736 | Measurement of the ($\text{t}\bar{\text{t}}$) production cross section in pp collisions at ($\sqrt{s}=7$) TeV using the kinematic properties of events with leptons and jets. <i>European Physical Journal C</i> , 2011 , 71, 1 | 4.2 | 35 |
| 735 | 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 |
| 734 | First search for multijet resonances in $\sqrt{s} = 1.96$ TeV pp collisions. <i>Physical Review Letters</i> , 2011 , 107, 042001 | 7.4 | 35 |
| 733 | Measurement of the strong coupling constant from inclusive jet production at the Tevatron pp collider. <i>Physical Review Letters</i> , 2002 , 88, 042001 | 7.4 | 35 |
| 732 | Search for the charged Higgs boson in the decays of top quark pairs in the $e\bar{e}$ and $\mu\bar{\mu}$ channels at $s=1.8$ TeV. <i>Physical Review D</i> , 2000 , 62, | 4.9 | 35 |
| 731 | Search for new particles decaying to $t\bar{t}$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 2000 , 85, 2062-7 | 7.4 | 35 |
| 730 | 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 |

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| 729 | 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 |
| 728 | Search for microscopic black holes in pp collisions at ($\sqrt{s} = \text{7 TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 34 |
| 727 | Search for heavy stable charged particles in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 34 |
| 726 | 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 |
| 725 | Publisher's Note: Search for $B_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ Decays with CDF II [Phys. Rev. Lett. 107, 191801 (2011)]. <i>Physical Review Letters</i> , 2011 , 107, | 7.4 | 34 |
| 724 | 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 |
| 723 | Limits on the production of narrow $t\bar{t}$ resonances in pp collisions at $\sqrt{s}=1.96 \text{ TeV}$. <i>Physical Review D</i> , 2008 , 77, | 4.9 | 34 |
| 722 | Measurement of the cross section for $t\bar{t}$ production in pp collisions using the kinematics of lepton+jets events. <i>Physical Review D</i> , 2005 , 72, | 4.9 | 34 |
| 721 | Double diffraction dissociation at the Fermilab Tevatron collider. <i>Physical Review Letters</i> , 2001 , 87, 141802 | 4.2 | 34 |
| 720 | Evidence for color coherence in pp-bar collisions at $\sqrt{s}=1.8 \text{ TeV}$. <i>Physical Review D</i> , 1994 , 50, 5562-5579 | 4.9 | 34 |
| 719 | 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 |
| 718 | Measurement of ratios of charged-current cross sections on C, Fe, and Pb to CH at neutrino energies 2-20 GeV. <i>Physical Review Letters</i> , 2014 , 112, 231801 | 7.4 | 33 |
| 717 | Search for new physics in events with same-sign dileptons and b jets in pp collisions at ($\sqrt{s}=8 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 33 |
| 716 | 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 |
| 715 | Search for a light charged Higgs boson decaying to ($\text{c}\overline{\text{s}}$) in pp collisions at ($\sqrt{s}=8 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2015 , 2015, 1-37 | 5.4 | 33 |
| 714 | 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 |
| 713 | Measurement of the inclusive jet cross section using the kT algorithm in pp collisions at ($\sqrt{s}=1.96 \text{ TeV}$). <i>Physical Review Letters</i> , 2006 , 96, 122001 | 7.4 | 33 |
| 712 | Observation of WZ production. <i>Physical Review Letters</i> , 2007 , 98, 161801 | 7.4 | 33 |

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| 7 ¹¹ | Search for [corrected] $B^0(s) \rightarrow \mu^+ \mu^-$ and $B^0(d) \rightarrow \mu^+ \mu^-$ decays in pp collisions with CDF II. <i>Physical Review Letters</i> , 2005 , 95, 221805 | 7.4 | 33 |
| 7 ¹⁰ | Measurement of the cross section for prompt diphoton production in pp collisions at square root of $s=1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 95, 022003 | 7.4 | 33 |
| 7 ⁰⁹ | Limits on Z-photon couplings from p-p-bar interactions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 74, 1941-1945 | 7.4 | 33 |
| 7 ⁰⁸ | Identification techniques for highly boosted W bosons that decay into hadrons. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1 | 5.4 | 32 |
| 7 ⁰⁷ | Measurement of the CP-violating phase $\arg(V_{ub}/V_{ub'})$ in $B_s^0 \rightarrow J/\psi$ decays with the CDF II detector. <i>Physical Review D</i> , 2012 , 85, | 4.9 | 32 |
| 7 ⁰⁶ | Search for resonances in the dilepton mass distribution in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 32 |
| 7 ⁰⁵ | Search for supersymmetry in pp collisions at ($\sqrt{s} = 7$) TeV in events with a single lepton, jets, and missing transverse momentum. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 32 |
| 7 ⁰⁴ | Measurement of the Drell-Yan cross section in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 32 |
| 7 ⁰³ | 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 |
| 7 ⁰² | Measurement of resonance parameters of orbitally excited narrow B^0 mesons. <i>Physical Review Letters</i> , 2009 , 102, 102003 | 7.4 | 32 |
| 7 ⁰¹ | Evidence for the charmless annihilation decay mode $B(s)(0) \rightarrow \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2012 , 108, 211803 | 7.4 | 32 |
| 7 ⁰⁰ | 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 |
| 6 ⁹⁹ | 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 |
| 6 ⁹⁸ | First measurement of the ratio $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ and associated limit on the Cabibbo-Kobayashi-Maskawa element $ V_{tb} $. <i>Physical Review Letters</i> , 2001 , 86, 3233-8 | 7.4 | 32 |
| 6 ⁹⁷ | Search for muon neutrino and antineutrino oscillations in the mass range 15. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1985 , 27, 53-56 | | 32 |
| 6 ⁹⁶ | Extracting muon momentum scale corrections for hadron collider experiments. <i>European Physical Journal C</i> , 2012 , 72, 1 | 4.2 | 31 |
| 6 ⁹⁵ | 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 |
| 6 ⁹⁴ | 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 |

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| 692 | Extraction of the axial nucleon form factor from neutrino experiments on deuterium. <i>Journal of Physics: Conference Series</i> , 2008 , 110, 082004 | 0.3 | 3 ¹ |
| 691 | Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV using lepton plus jets events with semileptonic B decays to muons. <i>Physical Review D</i> , 2005 , 72, | 4.9 | 3 ¹ |
| 690 | Evidence for $B_0 \rightarrow \phi \pi^0$ 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 | 3 ¹ |
| 689 | 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 | 3 ⁰ |
| 688 | Search in leptonic channels for heavy resonances decaying to long-lived neutral particles. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 3 ⁰ |
| 687 | Inclusive b-jet production in pp collisions at $(\sqrt{s} = 7\text{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 3 ⁰ |
| 686 | Observation of Z decays to four leptons with the CMS detector at the LHC. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 3 ⁰ |
| 685 | Measurement of the top-quark mass in $(\overline{\text{t}}\text{t})$ events with lepton+jets final states in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 3 ⁰ |
| 684 | Measurement of the underlying event in the Drell-Yan process in proton-proton collisions at $(\sqrt{s} = 7\text{TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1 | 4.2 | 3 ⁰ |
| 683 | 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 | 3 ⁰ |
| 682 | 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 | 3 ⁰ |
| 681 | Observation of exclusive $\bar{t}t$ production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 081801 | 7.4 | 3 ⁰ |
| 680 | Model-independent and quasi-model-independent search for new physics at CDF. <i>Physical Review D</i> , 2008 , 78, | 4.9 | 3 ⁰ |
| 679 | Search for heavy topleike quarks using lepton plus jets events in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , 2008 , 100, 161803 | 7.4 | 3 ⁰ |
| 678 | Precision top-quark mass measurement in the lepton+jets topology in $p\bar{p}$ collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 022004 | 7.4 | 3 ⁰ |
| 677 | Measurement of the inclusive jet cross section in pp interactions at $\sqrt{s}=1.96$ TeV using a cone-based jet algorithm. <i>Physical Review D</i> , 2006 , 74, | 4.9 | 3 ⁰ |
| 676 | Measurement of $W\gamma$ and $Z\gamma$ production in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 94, 041803 | 7.4 | 3 ⁰ |

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| 674 | Events with a Rapidity Gap between Jets in $p\bar{p}$ Collisions at $\sqrt{s}=630\text{GeV}$. <i>Physical Review Letters</i> , 1998 , 81, 5278-5283 | 7.4 | 30 |
| 673 | Measurement of the cross section for production of two isolated prompt photons in pp -bar collisions at $\sqrt{s}=1.8\text{ TeV}$. <i>Physical Review Letters</i> , 1993 , 70, 2232-2236 | 7.4 | 30 |
| 672 | 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 |
| 671 | Measurement of the muon antineutrino double-differential cross section for quasielastic-like scattering on hydrocarbon at $\sqrt{s}=3.5\text{ GeV}$. <i>Physical Review D</i> , 2018 , 97, | 4.9 | 29 |
| 670 | Single neutral pion production by charged-current $\pi\pi$ interactions on hydrocarbon at $\sqrt{s}=3.6\text{ GeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 749, 130-136 | 4.2 | 29 |
| 669 | Search for supersymmetry in final states with missing transverse energy and 0, 1, 2, or 3 b-quark jets in 7 TeV pp collisions using the variable β_T . <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 29 |
| 668 | Observation of $Y(1S)$ pair production in proton-proton collisions at $(\sqrt{s}=8)\text{ TeV}$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 29 |
| 667 | Measurement of top quark-antiquark pair production in association with a W or Z boson in pp collisions at $\sqrt{s}=7\text{ TeV}$. <i>European Physical Journal C</i> , 2014 , 74, 3060 | 4.2 | 29 |
| 666 | Measurement of differential cross sections for the production of a pair of isolated photons in pp collisions at $\sqrt{s}=7\text{ TeV}$. <i>European Physical Journal C</i> , 2014 , 74, 3129 | 4.2 | 29 |
| 665 | Measurement of the leptonic asymmetry in $t\bar{t}$ events produced in pp collisions at $\sqrt{s}=1.96\text{ TeV}$. <i>Physical Review D</i> , 2013 , 88, | 4.9 | 29 |
| 664 | Search for excited quarks in pp -bar collisions at $\sqrt{s}=1.8\text{ TeV}$. <i>Physical Review Letters</i> , 1994 , 72, 3004-3008 | 7.4 | 29 |
| 663 | Search for heavy Majorana neutrinos in $e^+e^- \rightarrow \mu^+\mu^- + \text{jets}$ and $e^+e^- \rightarrow \mu^+\mu^- + \text{jets}$ events in proton-proton collisions at $(\sqrt{s}=8)\text{ TeV}$. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 28 |
| 662 | Search for supersymmetry in events with b jets and missing transverse momentum at the LHC. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 28 |
| 661 | Measurement of the top pair production cross section in the dilepton decay channel in pp collisions at $\sqrt{s}=1.96\text{ TeV}$. <i>Physical Review D</i> , 2010 , 82, | 4.9 | 28 |
| 660 | Search for a heavy topline quark in pp collisions at $\sqrt{s}=1.96\text{ TeV}$. <i>Physical Review Letters</i> , 2011 , 107, 261801 | 7.4 | 28 |
| 659 | Strong evidence for ZZ production in pp collisions at $\sqrt{s}=1.96\text{ TeV}$. <i>Physical Review Letters</i> , 2008 , 100, 201801 | 7.4 | 28 |
| 658 | Search for high-mass resonances decaying to $e\mu$ in pp collisions at square root = 1.69 TeV. <i>Physical Review Letters</i> , 2006 , 96, 211802 | 7.4 | 28 |

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| 657 | 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 |
| 656 | Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV using kinematic fitting of b-tagged lepton+jet events. <i>Physical Review D</i> , 2005 , 71, | 4.9 | 28 |
| 655 | Measurement of b-quark fragmentation fractions in p+p collisions at \sqrt{s} . <i>Physical Review Letters</i> , 2000 , 84, 1663-8 | 7.4 | 28 |
| 654 | Search for R-Parity Violating Supersymmetry Using Like-Sign Dielectrons in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1999 , 83, 2133-2138 | 7.4 | 28 |
| 653 | Ratios of bottom meson branching fractions involving J/psi mesons and determination of b quark fragmentation fractions. <i>Physical Review D</i> , 1996 , 54, 6596-6609 | 4.9 | 28 |
| 652 | Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 28 |
| 651 | Observation of the Y (4140) structure in the J/psi mass spectrum in $B\rightarrow J/\psi K$ decays. <i>Modern Physics Letters A</i> , 2017 , 32, 1750139 | 1.3 | 27 |
| 650 | Measurement of the production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at. <i>European Physical Journal C</i> , 2019 , 79, 368 | 4.2 | 27 |
| 649 | Measurement of Electron Neutrino Quasielastic and Quasielasticlike Scattering on Hydrocarbon at $\sqrt{s}=3.6$ GeV. <i>Physical Review Letters</i> , 2016 , 116, 081802 | 7.4 | 27 |
| 648 | Evidence for exclusive $B\rightarrow W+W$ production and constraints on anomalous quartic gauge couplings in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 27 |
| 647 | Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at ($\sqrt{s}=7$;TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 27 |
| 646 | Direct measurement of the total decay width of the top quark. <i>Physical Review Letters</i> , 2013 , 111, 202007.4 | 7.4 | 27 |
| 645 | Measurement of ($\overline{B}B$) angular correlations based on secondary vertex reconstruction at ($\sqrt{s}=7$,TeV). <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 27 |
| 644 | 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 |
| 643 | Searches for direct pair production of supersymmetric top and supersymmetric bottom quarks in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2007 , 76, | 4.9 | 27 |
| 642 | Measurement of the moments of the hadronic invariant mass distribution in semileptonic B decays. <i>Physical Review D</i> , 2005 , 71, | 4.9 | 27 |
| 641 | 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 |
| 640 | Production of $\chi(c1)$ and $\chi(c2)$ in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 2001 , 86, 3963-8 | 7.4 | 27 |

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| 638 | Measurement of prompt and nonprompt [Formula: see text] production in [Formula: see text] and [Formula: see text] collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 269 | 4.2 | 26 |
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| 632 | 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 |
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| 617 | Measurements of the $[\text{Formula: see text}] [\text{Formula: see text}]$ production cross sections in the $[\text{Formula: see text}]$ channel in proton-proton collisions at $[\text{Formula: see text}]$ and $[\text{Formula: see text}]$ and combined constraints on triple gauge couplings. <i>European Physical Journal C</i> , 2015 , 75, 511 | 4.2 | 25 |
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| 524 | 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 |
| 523 | 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 |
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| 519 | Measurement of $B^0\bar{B}^0$ flavor oscillations using jet-charge and lepton flavor tagging in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 1999 , 60, | 4.9 | 21 |
| 518 | 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 |
| 517 | 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 |
| 516 | 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 |
| 515 | 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 |
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| 506 | 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 |
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| 502 | Measurement of the b jet cross section in events with a Z boson in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2006 , 74, | 4.9 | 20 |
| 501 | Search for a W' boson decaying to a top and bottom quark pair in 1.8 TeV pp collisions. <i>Physical Review Letters</i> , 2003 , 90, 081802 | 7.4 | 20 |
| 500 | 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 |
| 499 | Measurements of the [Formula: see text] production cross section in lepton+jets final states in pp collisions at 8 [Formula: see text] and ratio of 8 to 7 [Formula: see text] cross sections. <i>European Physical Journal C</i> , 2017 , 77, 15 | 4.2 | 19 |
| 498 | Measurement of central exclusive $\pi\pi$ production in pp collisions at $\sqrt{s}=0.9$ and 1.96 TeV at CDF. <i>Physical Review D</i> , 2015 , 91, | 4.9 | 19 |
| 497 | 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 |
| 496 | Search for resonant and nonresonant Higgs boson pair production in the ($\overline{b}b\ell\ell$) final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 19 |

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| 495 | 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 |
| 494 | Measurement of exclusive photoproduction from protons in Pb collisions at. <i>European Physical Journal C</i> , 2019 , 79, 277 | 4.2 | 19 |
| 493 | Measurement of [math]\ell-charged-current single $\bar{0}$ production on hydrocarbon in the few-GeV region using MINERvA. <i>Physical Review D</i> , 2017 , 96, | 4.9 | 19 |
| 492 | Search for heavy resonances decaying to tau lepton pairs in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 19 |
| 491 | Search for massive resonances decaying into WW, WZ or ZZ bosons in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 19 |
| 490 | Measurement of energy flow at large pseudorapidities in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 19 |
| 489 | Search for the supersymmetric partner of the top quark in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2010 , 82, | 4.9 | 19 |
| 488 | Measurements of the top-quark mass using charged particle tracking. <i>Physical Review D</i> , 2010 , 81, | 4.9 | 19 |
| 487 | Search for a Higgs boson decaying to two W bosons at CDF. <i>Physical Review Letters</i> , 2009 , 102, 021802 | 7.4 | 19 |
| 486 | 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 |
| 485 | Measurement of $\sigma(\Lambda_b^0)/\sigma(B^0 \times B)$ ($\Lambda_b^0 \rightarrow \Lambda^0 c^+ \pi^-$)/ $B(B^0 \rightarrow D^+ \pi^-)$ in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 122002 | 7.4 | 19 |
| 484 | 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 |
| 483 | Study of the heavy flavor content of jets produced in association with W bosons in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2002 , 65, | 4.9 | 19 |
| 482 | Observation of $B^+ \rightarrow (\bar{2}S)K^+$ and $B^0 \rightarrow (\bar{2}S)K^*(892)^0$ decays and measurements of B-meson branching fractions into J/ψ and $(\bar{2}S)$ final states. <i>Physical Review D</i> , 1998 , 58, | 4.9 | 19 |
| 481 | Measurement of the $B_d^0 \bar{B}_d^0$ flavor oscillation frequency and study of same side flavor tagging of B mesons in pp collisions. <i>Physical Review D</i> , 1998 , 59, | 4.9 | 19 |
| 480 | 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 |
| 479 | Search for new physics in dijet angular distributions using proton-proton collisions at and constraints on dark matter and other models. <i>European Physical Journal C</i> , 2018 , 78, 789 | 4.2 | 19 |
| 478 | Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 364 | 4.2 | 18 |

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| 477 | Study of Z production in PbPb and pp collisions at ($\sqrt{s_{\mathrm{NN}}}$)=2.76) TeV in the dimuon and dielectron decay channels. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 18 |
| 476 | 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 |
| 475 | Constraint of the MINERvA medium energy neutrino flux using neutrino-electron elastic scattering. <i>Physical Review D</i> , 2019 , 100, | 4.9 | 18 |
| 474 | . <i>Journal of High Energy Physics</i> , 2014 , 2014, 1 | 5.4 | 18 |
| 473 | 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 |
| 472 | Search for heavy neutrinos or third-generation leptoquarks in final states with two hadronically decaying leptons and two jets in proton-proton collisions at (\sqrt{s} =13) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 18 |
| 471 | 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 |
| 470 | Mass and lifetime measurements of bottom and charm baryons in pp collisions at \sqrt{s} =1.96 TeV. <i>Physical Review D</i> , 2014 , 89, | 4.9 | 18 |
| 469 | 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 |
| 468 | Search for the rare decays $B^{+-} \rightarrow \mu^{\pm} \tau^{\pm}$, $B^0 \rightarrow \mu^{\pm} \tau^{\mp} (892)^0$, and $B_s^0 \rightarrow \mu^{\pm} \tau^{\mp}$ at CDF. <i>Physical Review D</i> , 2009 , 79, | 4.9 | 18 |
| 467 | Measurement of the b-hadron production cross section using decays to $D^0 X$ final states in pp collisions at \sqrt{s} =1.96 TeV. <i>Physical Review D</i> , 2009 , 79, | 4.9 | 18 |
| 466 | Search for pair production of scalar top quarks in R-parity violating decay modes in pp collisions at square root of \sqrt{s} =1.8 TeV. <i>Physical Review Letters</i> , 2004 , 92, 051803 | 7.4 | 18 |
| 465 | Diffraction dijet production at \sqrt{s} = 630 and 1800 GeV at the Fermilab Tevatron. <i>Physical Review Letters</i> , 2002 , 88, 151802 | 7.4 | 18 |
| 464 | Search for the Decays $B_s^0, B_d^0 \rightarrow e^{\pm} \mu^{\mp}$ and Pati-Salam Leptoquarks. <i>Physical Review Letters</i> , 1998 , 81, 5742-5747 | 7.4 | 18 |
| 463 | Study of tp -bar collisions using total transverse energy. <i>Physical Review Letters</i> , 1995 , 75, 3997-4002 | 7.4 | 18 |
| 462 | Measurements of the inclusive neutrino and antineutrino charged current cross sections in MINERvA using the low-flux method. <i>Physical Review D</i> , 2016 , 94, | 4.9 | 18 |
| 461 | Search for ($\overline{\mathrm{t}} \mathrm{H}$) production in the ($\mathrm{H} \rightarrow \overline{\mathrm{b}} \mathrm{b}$) decay channel with leptonic ($\overline{\mathrm{t}} \mathrm{t}$) decays in proton-proton collisions at (\sqrt{s} =13) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1 | 5.4 | 17 |
| 460 | Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at \sqrt{s} = 13. <i>European Physical Journal C</i> , 2018 , 78, 291 | 4.2 | 17 |

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| 459 | 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 |
| 458 | Search for ($\overline{\text{t}}\text{t}$) resonances in highly boosted lepton+jets and fully hadronic final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 17 |
| 457 | 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 |
| 456 | Search for the production of dark matter in association with top-quark pairs in the single-lepton final state in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 17 |
| 455 | Effective spectral function for quasielastic scattering on nuclei. <i>European Physical Journal C</i> , 2014 , 74, 1 | 4.2 | 17 |
| 454 | Search for stopped long-lived particles produced in pp collisions at ($\sqrt{s} = \text{7TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 17 |
| 453 | Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-proton collisions at ($\sqrt{s} = 7$ mathrm{TeV}). <i>European Physical Journal C</i> , 2012 , 72, 1 | 4.2 | 17 |
| 452 | Measurement of the inclusive Z cross section via decays to tau pairs in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 17 |
| 451 | Search for R-parity violating decays of sneutrinos to $e\bar{e}$ and $e\bar{\mu}$ pairs in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 191801 | 7.4 | 17 |
| 450 | First observation of $B(s)(0) \rightarrow D(s)(+/-)K(-/+)$ and measurement of the ratio of branching fractions $B(B(s)(0) \rightarrow D(s)(+/-)K(-+)/B(B(s)(0) \rightarrow D(s)(+)\pi(-))$. <i>Physical Review Letters</i> , 2009 , 103, 191802 | 7.4 | 17 |
| 449 | Measurement of W-boson helicity fractions in top-quark decays using $\cos\theta$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 674, 160-167 | 4.2 | 17 |
| 448 | Diffraction dijet production in $p\bar{p}$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86, | 4.9 | 17 |
| 447 | 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 |
| 446 | Measurement of the helicity of W bosons in top-quark decays. <i>Physical Review D</i> , 2006 , 73, | 4.9 | 17 |
| 445 | Search for the supersymmetric partner of the top quark in dilepton events from pp collisions at square root of $s=1.8$ TeV. <i>Physical Review Letters</i> , 2003 , 90, 251801 | 7.4 | 17 |
| 444 | Search for gluinos and squarks using like-sign dileptons in pp macro collisions at square root of $s = 1.8$ TeV. <i>Physical Review Letters</i> , 2001 , 87, 251803 | 7.4 | 17 |
| 443 | Search for Higgs Bosons Produced in Association with a Vector Boson in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1998 , 81, 5748-5753 | 7.4 | 17 |
| 442 | Search for charged Higgs boson decays of the top quark using hadronic tau decays. <i>Physical Review D</i> , 1996 , 54, 735-742 | 4.9 | 17 |

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| 441 | Measurement of the Branching Fraction $B(B \rightarrow J/\psi \pi^+)$ and Search for $B \rightarrow J/\psi \pi^+$. <i>Physical Review Letters</i> , 1996 , 77, 5176-5181 | 7.4 | 17 |
| 440 | R & D results on scintillating tile/fiber calorimetry for the CDF and SDC detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 315, 317-321 | 1.2 | 17 |
| 439 | Measurement of double-differential cross sections for top quark pair production in pp collisions at $\sqrt{s}=1.96$ TeV and impact on parton distribution functions. <i>European Physical Journal C</i> , 2017 , 77, 459 | 4.2 | 16 |
| 438 | Removal energies and final state interaction in lepton nucleus scattering. <i>European Physical Journal C</i> , 2019 , 79, 1 | 4.2 | 16 |
| 437 | Searches for physics beyond the standard model with the variable in hadronic final states with and without disappearing tracks in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>European Physical Journal C</i> , 2020 , 80, 3 | 4.2 | 16 |
| 436 | Search for new physics with the M_{T2} variable in all-jets final states produced in pp collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 16 |
| 435 | Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into $\tau\tau$ in pp collisions at $\sqrt{s}=8$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 16 |
| 434 | Measurement of WZ and ZZ production in pp collisions at $\sqrt{s}=13$ TeV in final states with b-tagged jets. <i>European Physical Journal C</i> , 2014 , 74, 2973 | 4.2 | 16 |
| 433 | Indirect measurement of $\sin^2\theta_W$ (or M_W) using $\tau\tau$ pairs from W/Z bosons produced in pp collisions at a center-of-momentum energy of 1.96 TeV. <i>Physical Review D</i> , 2014 , 89, | 4.9 | 16 |
| 432 | Search for exotic resonances decaying into WZ/ZZ in pp collisions at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 16 |
| 431 | 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 |
| 430 | Precise measurement of the W-boson mass with the Collider Detector at Fermilab. <i>Physical Review D</i> , 2014 , 89, | 4.9 | 16 |
| 429 | Search for scalar top quark production in $(p\bar{p})$ collisions at $\sqrt{s}=1.96$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 16 |
| 428 | 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 |
| 427 | Search for $B_s \rightarrow \mu\mu$ and $B \rightarrow \mu\mu$ decays with the full CDF Run II data set. <i>Physical Review D</i> , 2013 , 87, | 4.9 | 16 |
| 426 | Exclusion of exotic top-like quarks with $2/3$ electric charge using jet-charge tagging in single-lepton $t\bar{t}$ events at CDF. <i>Physical Review D</i> , 2013 , 88, | 4.9 | 16 |
| 425 | Search for Randall-Sundrum gravitons in the diphoton channel at CDF. <i>Physical Review D</i> , 2011 , 83, | 4.9 | 16 |
| 424 | 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 |

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| 4 ²³ | First measurement of the ratio of branching fractions $B(B^0 \rightarrow \bar{b} + \ell)/B(B^0 \rightarrow \bar{b} + \ell)$ <i>Physical Review D</i> , 2009 , 79, | 4.9 | 16 |
| 4 ²² | 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 |
| 4 ²¹ | Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. <i>Physical Review D</i> , 2012 , 86, | 4.9 | 16 |
| 4 ²⁰ | Search for new color-octet vector particle decaying to $\gamma\gamma$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 691, 183-190 | 4.2 | 16 |
| 4 ¹⁹ | Limits on anomalous triple gauge couplings in $pp \rightarrow \gamma\gamma$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2007 , 76, | 4.9 | 16 |
| 4 ¹⁸ | Charged-particle multiplicity pp collisions at square root of $(s) = 1.8$ TeV. <i>Physical Review Letters</i> , 2001 , 87, 211804 | 7.4 | 16 |
| 4 ¹⁷ | Search for new physics in photon-lepton events in pp collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 2002 , 89, 041802 | 7.4 | 16 |
| 4 ¹⁶ | Properties of Jets in Z Boson Events from 1.8 TeV $p\bar{p}$ Collisions. <i>Physical Review Letters</i> , 1996 , 77, 448-453 | 7.4 | 16 |
| 4 ¹⁵ | Search for dark matter and unparticles in events with a Z boson and missing transverse momentum in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 16 |
| 4 ¹⁴ | 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 |
| 4 ¹³ | 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 |
| 4 ¹² | 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 |
| 4 ¹¹ | 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 |
| 4 ¹⁰ | Search for new physics in events with photons, jets, and missing transverse energy in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 15 |
| 4 ⁰⁹ | Search for supersymmetry in pp collisions at $\sqrt{s}=7$ TeV in events with a single lepton, jets, and missing transverse momentum. <i>European Physical Journal C</i> , 2013 , 73, 2404 | 4.2 | 15 |
| 4 ⁰⁸ | 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 |
| 4 ⁰⁷ | Measurement of the transverse momentum spectra of weak vector bosons produced in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 15 |
| 4 ⁰⁶ | 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 |

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| 405 | 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 |
| 404 | Measurement of the B_c meson lifetime in the decay $B_c \rightarrow J/\psi$ <i>Physical Review D</i> , 2013 , 87, | 4.9 | 15 |
| 403 | 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 |
| 402 | Search for single top quark production in pp collisions at $\sqrt{s}=1.96$ TeV in the missing transverse energy plus jets topology. <i>Physical Review D</i> , 2010 , 81, | 4.9 | 15 |
| 401 | 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 |
| 400 | 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 |
| 399 | Measurement of the cross section for prompt isolated diphoton production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2011 , 84, | 4.9 | 15 |
| 398 | Measurements of branching fraction ratios and CP-asymmetries in suppressed $B \rightarrow D^{(*)} K$ and $B \rightarrow D^{(*)} K^*$ decays. <i>Physical Review D</i> , 2011 , 84, | 4.9 | 15 |
| 397 | 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 |
| 396 | Measurement of $B_{s0} \rightarrow D_s^{(*)} + D_s^{(*)-}$ branching ratios. <i>Physical Review Letters</i> , 2012 , 108, 201801 | 7.4 | 15 |
| 395 | Search for pair production of scalar top quarks decaying to a tau lepton and a b quark in pp over collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 071802 | 7.4 | 15 |
| 394 | First observation of the decay $B_{s0} \rightarrow D_s D_s^+$ and measurement of its branching ratio. <i>Physical Review Letters</i> , 2008 , 100, 021803 | 7.4 | 15 |
| 393 | Cross-section-constrained top-quark mass measurement from dilepton events at the Tevatron. <i>Physical Review Letters</i> , 2008 , 100, 062005 | 7.4 | 15 |
| 392 | Measurement of mass and width of the excited charmed meson states D_{10} and D_{2^*0} at CDF. <i>Physical Review D</i> , 2006 , 73, | 4.9 | 15 |
| 391 | Observation of orbitally excited B mesons in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 2001 , 64, | 4.9 | 15 |
| 390 | Measurement of the dijet mass distribution in pp -bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1993 , 48, 998-1008 | 4.9 | 15 |
| 389 | 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 |
| 388 | 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 |

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| 387 | 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 |
| 386 | 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 |
| 385 | Measurement of the (Λ_{b}^0) lifetime in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 14 |
| 384 | Measurement of the ($\mathrm{t}\overline{\mathrm{t}}$) production cross section in the all-jet final state in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 14 |
| 383 | Indirect measurement of $\sin 2\varphi$ (MW) using e^+e^- pairs in the Z-boson region with pp collisions at a center-of-momentum energy of 1.96 TeV. <i>Physical Review D</i> , 2013 , 88, | 4.9 | 14 |
| 382 | Measurement of the ($\mathrm{t}\overline{\mathrm{t}}$) 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 |
| 381 | 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 |
| 380 | Combination of searches for the Higgs boson using the full CDF data set. <i>Physical Review D</i> , 2013 , 88, | 4.9 | 14 |
| 379 | 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 |
| 378 | 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 |
| 377 | Search for heavy metastable particles decaying to jet pairs in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85, | 4.9 | 14 |
| 376 | 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 |
| 375 | Measurement of the ratios of branching fractions and. <i>Physical Review Letters</i> , 2006 , 96, 191801 | 7.4 | 14 |
| 374 | Measurement of the $t\bar{t}$ production cross section in pp collisions at square root $\sqrt{s}=1.96$ TeV using missing $E(T)$ + jets events with secondary vertex b tagging. <i>Physical Review Letters</i> , 2006 , 96, 202002 | 7.4 | 14 |
| 373 | 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 |
| 372 | 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 |
| 371 | Measurement of the average time-integrated mixing probability of b-flavored hadrons produced at the Fermilab Tevatron. <i>Physical Review D</i> , 2004 , 69, | 4.9 | 14 |
| 370 | Studies of the response of the prototype CMS hadron calorimeter, including magnetic field effects, to pion, electron, and muon beams. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 457, 75-100 | 1.2 | 14 |

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| 369 | Search for new physics in photon-lepton events in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 2002 , 66, | 4.9 | 14 |
| 368 | Search for Higgs boson off-shell production in proton-proton collisions at 7 and 8 TeV and derivation of constraints on its total decay width. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 14 |
| 367 | High-precision measurement of the boson mass with the CDF II detector.. <i>Science</i> , 2022 , 376, 170-176 | 33.3 | 14 |
| 366 | Measurement of the ratio of the production cross sections times branching fractions of $B \rightarrow J/\psi \ell \ell$ and $B \rightarrow J/\psi \ell \ell$ and $(\mathcal{B}(\mathcal{B} \rightarrow J/\psi \ell \ell)_{\text{measured}} / \mathcal{B}(\mathcal{B} \rightarrow J/\psi \ell \ell)_{\text{SM}})$ in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 13 |
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| 364 | 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 |
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