

A Bodek

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

888
papers

39,298
citations

94
h-index

147
g-index

902
ext. papers

42,153
ext. citations

5.9
avg, IF

4.69
L-index

| # | Paper | IF | Citations |
|-----|--|-----|-----------|
| 888 | Observation of Top Quark Production in p-barp Collisions with the Collider Detector at Fermilab. <i>Physical Review Letters</i> , 1995 , 74, 2626-2631 | 7.4 | 1067 |
| 887 | Measurement of the J/ψ meson and b-hadron production cross sections in pp collisions at s=1960 GeV. <i>Physical Review D</i> , 2005 , 71, | 4.9 | 596 |
| 886 | 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 |
| 885 | Precise determination of electroweak parameters in neutrino-nucleon scattering. <i>Physical Review Letters</i> , 2002 , 88, 091802 | 7.4 | 435 |
| 884 | 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 |
| 883 | Measurements of the A Dependence of Deep-Inelastic Electron Scattering from Nuclei. <i>Physical Review Letters</i> , 1984 , 52, 727-730 | 7.4 | 393 |
| 882 | Evidence for top quark production in p-barp collisions at sqrt s =1.8 TeV. <i>Physical Review D</i> , 1994 , 50, 2966-3026 | 4.9 | 384 |
| 881 | Evidence for top quark production in p-barp collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1994 , 73, 225-231 | 7.4 | 338 |
| 880 | Electron Scattering from Nuclear Targets and Quark Distributions in Nuclei. <i>Physical Review Letters</i> , 1983 , 50, 1431-1434 | 7.4 | 321 |
| 879 | 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 |
| 878 | A precise extraction of R=σ _l /σ _h from a global analysis of the SLAC deep inelastic e-p and e-d scattering cross sections. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 250, 193-198 | 4.2 | 295 |
| 877 | J/ψ and ψ(2S) Production in pp collisions at sqrt s=1.8TeV. <i>Physical Review Letters</i> , 1997 , 79, 572-577 | 7.4 | 278 |
| 876 | Observation of Bs(0)-Bs(0) oscillations. <i>Physical Review Letters</i> , 2006 , 97, 242003 | 7.4 | 274 |
| 875 | Search for dark matter, extra dimensions, and unparticles in monojet events in proton-proton collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 235 | 4.2 | 250 |
| 874 | Event generator tunes obtained from underlying event and multiparton scattering measurements. <i>European Physical Journal C</i> , 2016 , 76, 155 | 4.2 | 250 |
| 873 | Observation of the Bc Meson in pp collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1998 , 81, 2432-2437 | 7.4 | 242 |
| 872 | Fermi-motion effects in deep-inelastic lepton scattering from nuclear targets. <i>Physical Review D</i> , 1981 , 23, 1070-1091 | 4.9 | 235 |

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| 871 | Comparison of the Deep-Inelastic Structure Functions of Deuterium and Aluminum Nuclei. <i>Physical Review Letters</i> , 1983 , 51, 534-537 | 7.4 | 234 |
| 870 | 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 |
| 869 | Measurement of the A dependence of deep-inelastic electron scattering. <i>Physical Review D</i> , 1994 , 49, 4348-4372 | 4.9 | 226 |
| 868 | Production of J/ψ Mesons from η Meson Decays in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1997 , 79, 578-583 | 7.4 | 221 |
| 867 | Evidence for a mass dependent forward-backward asymmetry in top quark pair production. <i>Physical Review D</i> , 2011 , 83, | 4.9 | 219 |
| 866 | 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 |
| 865 | Experimental studies of the neutron and proton electromagnetic structure functions. <i>Physical Review D</i> , 1979 , 20, 1471-1552 | 4.9 | 212 |
| 864 | Evidence for a narrow near-threshold structure in the J/ψ mass spectrum in $B_c \rightarrow J/\psi$ decays. <i>Physical Review Letters</i> , 2009 , 102, 242002 | 7.4 | 211 |
| 863 | Measurements of the proton elastic form factors for 1^- . <i>Physical Review D</i> , 1994 , 49, 5671-5689 | 4.9 | 207 |
| 862 | 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 |
| 861 | 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 |
| 860 | Determination of the strange quark content of the nucleon from a next-to-leading-order QCD analysis of neutrino charm production. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 65, 189-198 | | 197 |
| 859 | Improved Determination of F_2 From Neutrino-Nucleon Scattering. <i>Physical Review Letters</i> , 1997 , 79, 1213-1216 | 4.9 | 188 |
| 858 | Inclusive Jet Cross Section in p -bar p Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1996 , 77, 438-443 | 4.9 | 185 |
| 857 | Suppression of non-prompt J/ψ and $(\Upsilon)(1S)$ in PbPb collisions at ($\sqrt{s_{NN}} = 2.76$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 184 |
| 856 | Precise measurement of dimuon production cross sections in e e and e e deep inelastic scattering at the Fermilab Tevatron. <i>Physical Review D</i> , 2001 , 64, | 4.9 | 179 |
| 855 | 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 |
| 854 | 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 |

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|-----|--|-----|-----|
| 853 | Observation of electroweak single top-quark production. <i>Physical Review Letters</i> , 2009 , 103, 092002 | 7.4 | 174 |
| 852 | Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007 , 34, 2457-2544 | 2.9 | 174 |
| 851 | Observation of B_c mesons in pp collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 1998 , 58, | 4.9 | 173 |
| 850 | 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 |
| 849 | 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 |
| 848 | 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 |
| 847 | 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 |
| 846 | First flavor-tagged determination of bounds on mixing-induced CP violation in $B_s^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review Letters</i> , 2008 , 100, 161802 | 7.4 | 161 |
| 845 | Comparisons of Deep-Inelastic $e\bar{p}$ and $e\bar{n}$ Cross Sections. <i>Physical Review Letters</i> , 1973 , 30, 1087-1091 | 7.4 | 160 |
| 844 | Search for new particles decaying into dijets in proton-antiproton collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2009 , 79, | 4.9 | 159 |
| 843 | Analysis of the quantum numbers J^{PC} of the $X(3872)$ particle. <i>Physical Review Letters</i> , 2007 , 98, 132002 | 7.4 | 159 |
| 842 | 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 |
| 841 | A New Parameterization of the Nucleon Elastic Form Factors. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006 , 159, 127-132 | | 143 |
| 840 | Search for New Gauge Bosons Decaying into Dileptons in pp Collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1997 , 79, 2192-2197 | 7.4 | 140 |
| 839 | Measurement of muon neutrino quasielastic scattering on a hydrocarbon target at $E_\nu = 3.5$ GeV. <i>Physical Review Letters</i> , 2013 , 111, 022502 | 7.4 | 139 |
| 838 | Measurement of the strange sea distribution using neutrino charm production. <i>Physical Review Letters</i> , 1993 , 70, 134-137 | 7.4 | 135 |
| 837 | Measurement of the B_s^0 - B_s^0 oscillation frequency. <i>Physical Review Letters</i> , 2006 , 97, 062003 | 7.4 | 133 |
| 836 | Study of four-jet events and evidence for double parton interactions in pp collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 1993 , 47, 4857-4871 | 4.9 | 131 |

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|-----|--|-----|-----|
| 835 | 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 |
| 834 | 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 |
| 833 | 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 |
| 832 | Upsilon production and polarization in $p\bar{p}$ collisions at square root of $s = 1.8$ TeV. <i>Physical Review Letters</i> , 2002 , 88, 161802 | 7.4 | 125 |
| 831 | 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 |
| 830 | 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 |
| 829 | 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 |
| 828 | Limits on Muon-Neutrino Oscillations in the Mass Range 30. <i>Physical Review Letters</i> , 1984 , 52, 1384-1388 | 7.4 | 120 |
| 827 | Measurement of muon antineutrino quasielastic scattering on a hydrocarbon target at $E_{\nu} \approx 3.5$ GeV. <i>Physical Review Letters</i> , 2013 , 111, 022501 | 7.4 | 119 |
| 826 | 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 |
| 825 | 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 |
| 824 | Neutrino tridents and W-Z interference. <i>Physical Review Letters</i> , 1991 , 66, 3117-3120 | 7.4 | 117 |
| 823 | Search for squarks and gluinos from $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 69, 3439-3443 | 7.4 | 117 |
| 822 | Measurement of the B Meson Differential Cross Section $d\sigma/dp_T$ in $pp\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 75, 1451-1455 | 7.4 | 116 |
| 821 | 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 |
| 820 | 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 |
| 819 | Precise measurement of neutrino and antineutrino differential cross sections. <i>Physical Review D</i> , 2006 , 74, | 4.9 | 110 |
| 818 | Observation of Trimuon Production by Neutrinos. <i>Physical Review Letters</i> , 1977 , 38, 577-580 | 7.4 | 109 |

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| 8 ₁₇ | 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 |
| 8 ₁₆ | 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 |
| 8 ₁₅ | Diffraction dijets with a leading antiproton in $p\bar{p}$ collisions at \sqrt{s} . <i>Physical Review Letters</i> , 2000 , 84, 5043-8 | 7.4 | 105 |
| 8 ₁₄ | 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 |
| 8 ₁₃ | 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 |
| 8 ₁₂ | Combination of the top-quark mass measurements from the Tevatron collider. <i>Physical Review D</i> , 2012 , 86, | 4.9 | 104 |
| 8 ₁₁ | Measurement of the dipion mass spectrum in decays. <i>Physical Review Letters</i> , 2006 , 96, 102002 | 7.4 | 104 |
| 8 ₁₀ | Search for charged Higgs bosons from top quark decays in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 042003 | 7.4 | 101 |
| 8 ₀₉ | 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 |
| 8 ₀₈ | Measurement of $\sin^2\theta_W$ from $B \rightarrow J/\psi K_S^0$ with the CDF detector. <i>Physical Review D</i> , 2000 , 61, | 4.9 | 100 |
| 8 ₀₇ | CMS tracking performance results from early LHC operation. <i>European Physical Journal C</i> , 2010 , 70, 11654-1192 | 9.9 | 99 |
| 8 ₀₆ | 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 |
| 8 ₀₅ | Search for new particles decaying to dijets at CDF. <i>Physical Review D</i> , 1997 , 55, R5263-R5268 | 4.9 | 98 |
| 8 ₀₄ | 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 |
| 8 ₀₃ | 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 |
| 8 ₀₂ | Search for Neutral Heavy Leptons in a High-Energy Neutrino Beam. <i>Physical Review Letters</i> , 1999 , 83, 4943-4946 | 7.4 | 97 |
| 8 ₀₁ | 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 |
| 8 ₀₀ | 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 |

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| 799 | Observation of the baryonic flavor-changing neutral current decay $B(0) \rightarrow \mu\mu$. <i>Physical Review Letters</i> , 2011 , 107, 201802 | 7.4 | 95 |
| 798 | Measurement of Double Parton Scattering in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1997 , 79, 584-589 | 7.4 | 95 |
| 797 | 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 |
| 796 | Vector and axial nucleon form factors: A duality constrained parameterization. <i>European Physical Journal C</i> , 2008 , 53, 349-354 | 4.2 | 94 |
| 795 | Observation of the Heavy Baryons Sigma b and Sigma b*. <i>Physical Review Letters</i> , 2007 , 99, 202001 | 7.4 | 93 |
| 794 | Evidence for D^0 - \bar{D}^0 mixing using the CDF II detector. <i>Physical Review Letters</i> , 2008 , 100, 121802 | 7.4 | 91 |
| 793 | Precision measurement of the prompt photon cross section in pp -bar collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1994 , 73, 2662-2666 | 7.4 | 91 |
| 792 | Observation of the decay $B_{c+/-} \rightarrow J/\psi \pi_{+/-}$ and measurement of the $B_{c+/-}$ mass. <i>Physical Review Letters</i> , 2008 , 100, 182002 | 7.4 | 90 |
| 791 | 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 |
| 790 | Measurements of the angular distributions in the decays $B \rightarrow K^{(*)} \pi \pi$ at CDF. <i>Physical Review Letters</i> , 2012 , 108, 081807 | 7.4 | 89 |
| 789 | Measurement of the inclusive jet cross section using the kT algorithm in pp collisions at $\sqrt{s}=1.96\text{TeV}$ with the CDF II detector. <i>Physical Review D</i> , 2007 , 75, | 4.9 | 89 |
| 788 | 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 |
| 787 | Measurement of the W boson mass. <i>Physical Review D</i> , 1995 , 52, 4784-4827 | 4.9 | 89 |
| 786 | Inclusive χ_c and b-quark production in p -barp collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1993 , 71, 2537-2541 | 7.4 | 89 |
| 785 | Neutrino quasielastic scattering on nuclear targets. <i>European Physical Journal C</i> , 2011 , 71, 1 | 4.2 | 88 |
| 784 | Search for doubly charged Higgs bosons decaying to dileptons in pp collisions at square root of $\sqrt{s}=1.96\text{TeV}$. <i>Physical Review Letters</i> , 2004 , 93, 221802 | 7.4 | 88 |
| 783 | Parton Distributions, d/u, and Higher Twist Effects at High x. <i>Physical Review Letters</i> , 1999 , 82, 2467-2470. | 7.4 | 88 |
| 782 | Investigations of Neutrino Interactions with Two Muons in the Final State. <i>Physical Review Letters</i> , 1976 , 36, 939-941 | 7.4 | 88 |

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| 781 | 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 |
| 780 | 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 |
| 779 | Effect of asymmetric strange seas and isospin-violating parton distribution functions on $\sin^2 2\theta_W$ measured in the NuTeV experiment. <i>Physical Review D</i> , 2002 , 65, | 4.9 | 87 |
| 778 | Neutrino production of opposite-sign dimuons at Fermilab Tevatron energies. <i>Physical Review Letters</i> , 1990 , 64, 1207-1210 | 7.4 | 84 |
| 777 | Search for high-mass resonances decaying to dimuons at CDF. <i>Physical Review Letters</i> , 2009 , 102, 091805 | 7.4 | 83 |
| 776 | Further studies of Fermi-motion effects in lepton scattering from nuclear targets. <i>Physical Review D</i> , 1981 , 24, 1400-1402 | 4.9 | 83 |
| 775 | Measurement of the difference in $R = \sigma_L / \sigma_T$ and of σ_A / σ_D in deep-inelastic e-D, e-Fe, and e-Au scattering. <i>Physical Review Letters</i> , 1988 , 60, 2591-2594 | 7.4 | 82 |
| 774 | Observation and mass measurement of the baryon Ξ_{bb} . <i>Physical Review Letters</i> , 2007 , 99, 052002 | 7.4 | 80 |
| 773 | 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 |
| 772 | Observation of Diffractive W-Boson Production at the Fermilab Tevatron. <i>Physical Review Letters</i> , 1997 , 78, 2698-2703 | 7.4 | 78 |
| 771 | 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 |
| 770 | 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 |
| 769 | Upsilon production in pp-bar collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 75, 4358-4363 | 7.4 | 77 |
| 768 | Measurements of F_2 and $xF_3(\nu)$ - $xF_3(\bar{\nu})$ from CCFR $\nu(\mu)$ -Fe and $\bar{\nu}(\mu)$ -Fe Data in a Physics Model-Independent Way. <i>Physical Review Letters</i> , 2001 , 86, 2742-5 | 7.4 | 76 |
| 767 | Inclusive jet cross section in p-bar p collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 68, 1104-1108 | 7.4 | 75 |
| 766 | 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 |
| 765 | Precise measurement of the W-boson mass with the CDF II detector. <i>Physical Review Letters</i> , 2012 , 108, 151803 | 7.4 | 74 |
| 764 | Observation of single top quark production and measurement of $ V_{tb} $ with CDF. <i>Physical Review D</i> , 2010 , 82, | 4.9 | 74 |

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|-----|---|-----|----|
| 763 | Higgs boson studies at the Tevatron. <i>Physical Review D</i> , 2013 , 88, | 4.9 | 73 |
| 762 | Observation of orbitally excited B(s) mesons. <i>Physical Review Letters</i> , 2008 , 100, 082001 | 7.4 | 73 |
| 761 | 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 |
| 760 | Search for gluinos and scalar quarks in pp collisions at square root $\sqrt{s} = 1.8$ TeV using the missing energy plus multijets signature. <i>Physical Review Letters</i> , 2002 , 88, 041801 | 7.4 | 73 |
| 759 | Measurement of the Top Quark Mass. <i>Physical Review Letters</i> , 1998 , 80, 2767-2772 | 7.4 | 73 |
| 758 | 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 |
| 757 | Measurement of the W boson mass. <i>Physical Review Letters</i> , 1995 , 75, 11-16 | 7.4 | 73 |
| 756 | Search for large extra dimensions in final states containing one photon or jet and large missing transverse energy produced in pp collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 181602 | 7.4 | 72 |
| 755 | Measurement of the B+ total cross section and B+ differential cross section $d\sigma/dp_T$ in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 2002 , 65, | 4.9 | 72 |
| 754 | Measurement of kinematic and nuclear dependence of $R = \sigma_L / \sigma_T$ in deep inelastic electron scattering. <i>Physical Review D</i> , 1994 , 49, 5641-5670 | 4.9 | 72 |
| 753 | Precision measurement of the X(3872) mass in $J/\psi \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2009 , 103, 152001 | 7.4 | 71 |
| 752 | Nucleon structure functions from high energy neutrino interactions with iron and QCD results. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1984 , 26, 1-12 | | 71 |
| 751 | 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 |
| 750 | 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 |
| 749 | 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 |
| 748 | Search for new bottomlike quark pair decays $Q\bar{Q} \rightarrow (tW^{+})(\bar{t}W^{-})$ in same-charge dilepton events. <i>Physical Review Letters</i> , 2010 , 104, 091801 | 7.4 | 70 |
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| 742 | Measurement of Diffractive Dijet Production at the Fermilab Tevatron. <i>Physical Review Letters</i> , 1997 , 79, 2636-2641 | 7.4 | 69 |
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| 735 | Observation of exclusive electron-positron production in hadron-hadron collisions. <i>Physical Review Letters</i> , 2007 , 98, 112001 | 7.4 | 67 |
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| 732 | 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 |
| 731 | Search for new physics in high-mass electron-positron events in pp collisions at square root $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 99, 171802 | 7.4 | 65 |
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| 720 | Observation of exclusive dijet production at the Fermilab Tevatron $p[\overline{p}]$ collider. <i>Physical Review D</i> , 2008 , 77, | 4.9 | 62 |
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| 717 | 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 |
| 716 | Measurement of the forward-backward charge asymmetry from $W \rightarrow e[\overline{e}]$ production in $pp[\overline{p}]$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71, | 4.9 | 61 |
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| 697 | Search for long-lived massive charged particles in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , 2009 , 103, 021802 | 7-4 | 56 |
| 696 | Search for exclusive $\gamma\gamma$ production in Hadron-Hadron collisions. <i>Physical Review Letters</i> , 2007 , 99, 242002 | 7-4 | 56 |
| 695 | Search for new particles decaying to dijets in pp-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 74, 3538-3543 | 7-4 | 56 |
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| 642 | Search for heavy bottom-like quarks in 4.9 fb of pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 44 |
| 641 | Global search for new physics with 2.0 fb at CDF. <i>Physical Review D</i> , 2009 , 79, | 4.9 | 44 |
| 640 | Search for First Generation Leptoquark Pair Production in pp Collisions at $s = 1.8$ TeV. <i>Physical Review Letters</i> , 1997 , 79, 4327-4332 | 7.4 | 44 |
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| 630 | 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 |
| 629 | Search for single-top-quark production in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2002 , 65, | 4-9 | 42 |
| 628 | 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 |
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| 624 | Measurement of muon plus proton final states in interactions on hydrocarbon at $\langle E_{\mu} \rangle = 4.2$ GeV. <i>Physical Review D</i> , 2015 , 91, | 4-9 | 41 |
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| 614 | Study of orbitally excited B mesons and evidence for a new B resonance. <i>Physical Review D</i> , 2014 , 90, | 4.9 | 40 |
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