

Giovanni Punzi

List of Publications by Citations

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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.

528
papers

24,459
citations

60
h-index

140
g-index

555
ext. papers

27,521
ext. citations

5.6
avg, IF

6.31
L-index

#	Paper	IF	Citations
528	Review of Particle Physics*. <i>Physical Review D</i> , 2012 , 86,	4.9	4786
527	Review of Particle Physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2010 , 37, 075021	2.9	4379
526	Measurement of form-factor-independent observables in the decay $B_0 \rightarrow K^{*0}(\rho^+ \rho^-)$. <i>Physical Review Letters</i> , 2013 , 111, 191801	7.4	314
525	Test of lepton universality with $B_0 \rightarrow K^{*0} \ell^+ \ell^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	298
524	Observation of the Doubly Charmed Baryon Ω_{cc}^{++} . <i>Physical Review Letters</i> , 2017 , 119, 112001	7.4	257
523	Observation of the resonant character of the $Z(4430)^-$ state. <i>Physical Review Letters</i> , 2014 , 112, 222002	7.4	234
522	Determination of the $X(3872)$ meson quantum numbers. <i>Physical Review Letters</i> , 2013 , 110, 222001	7.4	234
521	Measurement of the $B_s(0) \rightarrow \mu^+ \mu^-$ branching fraction and search for $B(0) \rightarrow \mu^+ \mu^-$ decays at the LHCb experiment. <i>Physical Review Letters</i> , 2013 , 111, 101805	7.4	221
520	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. <i>Physical Review D</i> , 2011 , 83,	4.9	219
519	Evidence for a narrow near-threshold structure in the $J/\psi \text{varphi}$ mass spectrum in $B_{\{+}\} \rightarrow J/\psi \text{varphi} K_{\{+}\}$ decays. <i>Physical Review Letters</i> , 2009 , 102, 242002	7.4	211
518	Observation of a Narrow Pentaquark State, $P_{\{c\}}(4312)^{+}$, and of the Two-Peak Structure of the $P_{\{c\}}(4450)^{+}$. <i>Physical Review Letters</i> , 2019 , 122, 222001	7.4	199
517	FCC-hh: The Hadron Collider. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 755-1107	2.3	196
516	FCC-ee: The Lepton Collider. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 261-623	2.3	193
515	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
514	FCC Physics Opportunities. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	174
513	Observation of electroweak single top-quark production. <i>Physical Review Letters</i> , 2009 , 103, 092002	7.4	174
512	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

511	Observation of Five New Narrow χ_{c^0} States Decaying to $\chi_{c^+}K^-$. <i>Physical Review Letters</i> , 2017 , 118, 182001	7.4	154
510	Differential branching fractions and isospin asymmetries of $B \rightarrow K^{(*)} \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	142
509	Search for Lepton-Universality Violation in $B^+ \rightarrow K^+ \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191801	7.4	137
508	Measurement of the Ratio of the $B^0 \rightarrow D^{*-} \mu^+ \pi^0$ and $B^0 \rightarrow D^{*-} \mu^+ \pi^0$ Branching Fractions Using Three-Prong Lepton Decays. <i>Physical Review Letters</i> , 2018 , 120, 171802	7.4	126
507	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
506	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
505	Measurement of the Ratio of Branching Fractions $B(B_{c^+} \rightarrow J/\psi \pi^0)/B(B_{c^+} \rightarrow J/\psi \pi^+)$. <i>Physical Review Letters</i> , 2018 , 120, 121801	7.4	109
504	Test of lepton flavor universality by the measurement of the $B^0 \rightarrow D^{*0} \pi^0$ branching fraction using three-prong decays. <i>Physical Review D</i> , 2018 , 97,	4.9	106
503	Measurement of the $B_{s^0} \rightarrow \mu^+ \mu^-$ Branching Fraction and Effective Lifetime and Search for $B^0 \rightarrow \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 191801	7.4	106
502	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
501	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
500	Combination of the top-quark mass measurements from the Tevatron collider. <i>Physical Review D</i> , 2012 , 86,	4.9	104
499	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^{*0} \pi^0$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	99
498	Observation of J/ψ Structures Consistent with Exotic States from Amplitude Analysis of $B^+ \rightarrow J/\psi K^+$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 022003	7.4	98
497	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
496	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
495	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
494	Measurement of ρ polarization in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2631	4.2	87

493	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
492	Differential branching fraction and angular analysis of the decay $(B_{s^0}) \rightarrow \tau^+ \tau^-$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	86
491	Updated measurements of exclusive J/ψ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 055002	2.9	83
490	Search for high-mass resonances decaying to dimuons at CDF. <i>Physical Review Letters</i> , 2009 , 102, 091805	7.4	83
489	Evidence for the decay $B_s^0 \rightarrow \tau^+ \tau^-$. <i>Nuclear Physics B</i> , 2014 , 886, 665-680	2.8	79
488	First observation of CP violation in the decays of $B(s)^0$ mesons. <i>Physical Review Letters</i> , 2013 , 110, 221601	7.4	78
487	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
486	Search for Dark Photons Produced in 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2018 , 120, 061801	7.4	75
485	Precise measurement of the W-boson mass with the CDF II detector. <i>Physical Review Letters</i> , 2012 , 108, 151803	7.4	74
484	Observation of single top quark production and measurement of $ V_{tb} $ with CDF. <i>Physical Review D</i> , 2010 , 82,	4.9	74
483	Higgs boson studies at the Tevatron. <i>Physical Review D</i> , 2013 , 88,	4.9	73
482	HE-LHC: The High-Energy Large Hadron Collider. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 1109-1382	2.3	72
481	Precision measurement of the $X(3872)$ mass in $J/\psi \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2009 , 103, 152001	7.4	71
480	Search for Majorana neutrinos in $B^- \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 112, 131802	7.4	70
479	Measurement of CP violation in the phase space of $B_B^0 \rightarrow K_B^0 \mu^+ \mu^-$ and $B_B^0 \rightarrow K_B^0 K^+ K^-$ decays. <i>Physical Review Letters</i> , 2013 , 111, 101801	7.4	70
478	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
477	Study of D J meson decays to $D^+ \pi^0 \pi^0$ and $D^{*+} \pi^0 \pi^0$ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	69
476	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

475	Measurement of CP violation and the B_s^0 meson decay width difference with $B_s^0 \rightarrow J/\psi + K^0$ and $B_s^0 \rightarrow J/\psi + K^0_S$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	66
474	Search for Structure in the $B_{s^0}^0$ Invariant Mass Spectrum. <i>Physical Review Letters</i> , 2016 , 117, 152003	7.4	64
473	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
472	Inclusive search for squark and gluino production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 121801	7.4	64
471	Search for dark matter in events with one jet and missing transverse energy in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 211804	7.4	63
470	Measurement of α_s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 692, 232-239	4.2	63
469	Measurement of CP violation in the phase space of $B_{\mu^+}^0 \rightarrow K^+ K^- \mu^+$ and $B_{\mu^+}^0 \rightarrow \mu^+ \mu^0$ decays. <i>Physical Review Letters</i> , 2014 , 112, 011801	7.4	61
468	Study of J/ψ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	60
467	Production of J/ψ and (χ_{c0}) mesons in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	58
466	Measurement of CP-violating asymmetries in $D^0 \rightarrow \mu^+ \mu^-$ and $D^0 \rightarrow K^+ K^-$ decays at CDF. <i>Physical Review D</i> , 2012 , 85,	4.9	57
465	Amplitude analysis of $B^+ \rightarrow J/\psi K^+$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	56
464	Search for long-lived massive charged particles in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , 2009 , 103, 021802	7.4	56
463	Observation of the decay $B(c)(+) \rightarrow B(s)(0)\mu^+$. <i>Physical Review Letters</i> , 2013 , 111, 181801	7.4	55
462	Measurement of the $W^+ W^-$ production cross section and search for anomalous WW and WWZ couplings in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 104, 201801	7.4	55
461	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
460	Measurement of resonant and CP components in $B_{\mu^+}^0 \rightarrow J/\psi \mu^+$ decays. <i>Physical Review D</i> , 2014 , 89,	4.9	54
459	Measurement of the ratio $\sigma(t\bar{t})/\sigma(Z/\gamma^* \rightarrow ll)$ and precise extraction of the $t\bar{t}$ cross section. <i>Physical Review Letters</i> , 2010 , 105, 012001	7.4	54
458	First Observation of the Doubly Charmed Baryon Decay $\Xi_{cc}^{++} \rightarrow \Xi_c^+ \mu^+$. <i>Physical Review Letters</i> , 2018 , 121, 162002	7.4	54

457	Measurement of the resonant and CP components in $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	52
456	Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , 2019 , 122, 211803	7.4	51
455	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
454	Observation of a New χ_{b1}^0 Resonance. <i>Physical Review Letters</i> , 2018 , 121, 072002	7.4	50
453	Search for the production of narrow χ_{b1} 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
452	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
451	Precision measurement of the $B^0 \rightarrow B^0_{\text{osc}}$ oscillation frequency with the decay $B^0 \rightarrow D^0_{\text{osc}}$. <i>New Journal of Physics</i> , 2013 , 15, 053021	2.9	49
450	Search for long-lived scalar particles in $B^+ \rightarrow K^+ \chi^0$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	48
449	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ K^- K^0$ decays and the $B^0 \rightarrow K^*(892)^0 K^0$ differential branching fraction. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	48
448	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
447	Observation of $B_{c^+} \rightarrow J/\psi D_{s^+}$ and $B_{c^+} \rightarrow J/\psi D_{s^{*+}}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	46
446	Measurement of branching ratio and B_{s^0} lifetime in the decay $B_{s^0} \rightarrow J/\psi \phi(980)$ at CDF. <i>Physical Review D</i> , 2011 , 84,	4.9	46
445	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
444	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , 2017 , 13, 391-396.2	6.2	45
443	Measurement of B meson production cross-sections in proton-proton collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	45
442	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
441	Amplitude analysis of $B^0 \rightarrow D^+ K^-$ decays. <i>Physical Review D</i> , 2016 , 94,	4.9	45
440	Measurement of the Lifetime of the Doubly Charmed Baryon χ_{cc}^{++} . <i>Physical Review Letters</i> , 2018 , 121, 052002	7.4	44

439	Global search for new physics with 2.0 fb ⁻¹ at CDF. <i>Physical Review D</i> , 2009 , 79,	4.9	44
438	Precision measurement of the ratio of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 734, 122-130	4.2	43
437	Observation of a resonance in B ⁺ → K ⁺ π ⁰ decays at low recoil. <i>Physical Review Letters</i> , 2013 , 111, 112003.	4.4	43
436	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
435	Measurement of CP asymmetry in D ⁰ → K ⁺ K ⁻ and D ⁰ → π ⁺ π ⁻ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	42
434	Measurements of the properties of Ξ(2595), Ξ(2625), Ξ(2455), and Ξ(2520) baryons. <i>Physical Review D</i> , 2011 , 84,	4.9	42
433	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
432	Search for the doubly charmed baryon (Xi _{cc} ⁺). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	41
431	Measurements of the B ⁰ → J/ψ decay amplitudes and the B ⁰ polarisation in pp collisions at s=7 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 27-35	4.2	41
430	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	41
429	Measurements of direct CP violating asymmetries in charmless decays of strange bottom mesons and bottom baryons. <i>Physical Review Letters</i> , 2011 , 106, 181802	7.4	41
428	Observation of s-channel production of single top quarks at the Tevatron. <i>Physical Review Letters</i> , 2014 , 112, 231803	7.4	40
427	Search for the Decays B _s ⁰ → π ⁺ π ⁻ and B ⁰ → π ⁺ π ⁻ . <i>Physical Review Letters</i> , 2017 , 118, 251802	7.4	40
426	Study of orbitally excited B mesons and evidence for a new B resonance. <i>Physical Review D</i> , 2014 , 90,	4.9	40
425	Observation of new charmless decays of bottom hadrons. <i>Physical Review Letters</i> , 2009 , 103, 031801	7.4	40
424	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , 2019 , 122, 231802	7.4	39
423	Combination of CDF and D0 W-Boson mass measurements. <i>Physical Review D</i> , 2013 , 88,	4.9	39
422	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

4 ²¹	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
4 ²⁰	Production of (ΨS) mesons in pp collisions at 1.96 TeV. <i>Physical Review D</i> , 2009 , 80,	4-9	37
4 ¹⁹	Measurement of the forward-backward asymmetry in the $B \rightarrow K^{*}(\rho)\ell$ decay and first observation of the $B(s)0 \rightarrow \rho^{+}\ell$ decay. <i>Physical Review Letters</i> , 2011 , 106, 161801	7-4	37
4 ¹⁸	Measurements of the angular distributions of muons from τ decays in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 151802	7-4	37
4 ¹⁷	Measurement of the b-Quark Production Cross Section in 7 and 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2017 , 118, 052002	7-4	36
4 ¹⁶	First observation of the decay ($B_c^{+} \rightarrow J/\psi K^{+}$). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	36
4 ¹⁵	Precision top-quark mass measurement at CDF. <i>Physical Review Letters</i> , 2012 , 109, 152003	7-4	36
4 ¹⁴	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , 2017 , 77, 224	4-2	35
4 ¹³	Measurement of $[Formula: see text]$ polarisation in $[Formula: see text]$ collisions at $[Formula: see text] = 7$ TeV. <i>European Physical Journal C</i> , 2014 , 74, 2872	4-2	35
4 ¹²	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
4 ¹¹	First search for multijet resonances in $\sqrt{s} = 1.96$ TeV pp collisions. <i>Physical Review Letters</i> , 2011 , 107, 042001	7-4	35
4 ¹⁰	Measurement of D^0 - \bar{D}^0 mixing parameters and search for CP violation using $D^0 \rightarrow K^{+}\ell$ decays. <i>Physical Review Letters</i> , 2013 , 111, 251801	7-4	34
4 ⁰⁹	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
4 ⁰⁸	Publisher's Note: Search for $B_s0 \rightarrow \mu\mu$ and $B0 \rightarrow \mu\mu$ Decays with CDF II [Phys. Rev. Lett. 107, 191801 (2011)]. <i>Physical Review Letters</i> , 2011 , 107,	7-4	34
4 ⁰⁷	Combination of CDF and D^0 measurements of the W boson helicity in top quark decays. <i>Physical Review D</i> , 2012 , 85,	4-9	34
4 ⁰⁶	Study of the D^0 p amplitude in $D^0 b \rightarrow D^0 p \ell$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	33
4 ⁰⁵	Measurement of the CP-violating phase ϕ_s in $B_s^0 \rightarrow J/\psi \ell$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 186-195	4-2	33
4 ⁰⁴	Measurement of the CKM angle Γ from a combination of $B_{\mu} \rightarrow Dh_{\mu}$ analyses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 151-163	4-2	33

403	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
402	Measurement of the $[Formula: see text]$ meson lifetime using $[Formula: see text]$ decays. <i>European Physical Journal C</i> , 2014 , 74, 2839	4.2	32
401	Precision measurement of the $B(0)$ baryon lifetime. <i>Physical Review Letters</i> , 2013 , 111, 102003	7.4	32
400	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
399	Measurement of resonance parameters of orbitally excited narrow B0 mesons. <i>Physical Review Letters</i> , 2009 , 102, 102003	7.4	32
398	Evidence for the charmless annihilation decay mode $B(s)(0) \rightarrow [l^+][l^-]$. <i>Physical Review Letters</i> , 2012 , 108, 211803	7.4	32
397	Measurements of long-range near-side angular correlations in sNN=5TeV proton-lead collisions in the forward region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 473-483	4.2	32
396	Measurement of the relative rate of prompt $[l^0]$, $[l^1]$ and $[l^2]$ production at (sqrt{s}=7) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	31
395	Measurement of the flavour-specific CP-violating asymmetry . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 607-615	4.2	31
394	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
393	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
392	Search for the decays $B_{(s)} \rightarrow e^+ \mu^-$ and $B_{(s)} \rightarrow e^+ e^-$ in CDF run II. <i>Physical Review Letters</i> , 2009 , 102, 201801	7.4	31
391	Study of the kinematic dependences of $[l^0]$ b production in pp collisions and a measurement of the $[l^0] b \rightarrow [l^+ c]$ branching fraction. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	30
390	Search for $D(s) \rightarrow [l^+][l^-]$ and $D(s) \rightarrow [l^+][l^+]$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 203-212	4.2	30
389	Precision measurement of the mass and lifetime of the $[l^0](0)$ baryon. <i>Physical Review Letters</i> , 2014 , 113, 032001	7.4	30
388	Measurement of W-boson polarization in Top-Quark Decay in pp collisions at sqrt{s}=1.96 TeV. <i>Physical Review Letters</i> , 2010 , 105, 042002	7.4	30
387	Search for a standard model Higgs boson in $WH \rightarrow l\nu b\bar{b}$ in pp collisions at square root s = 1.96 TeV. <i>Physical Review Letters</i> , 2009 , 103, 101802	7.4	30
386	Observation of exclusive $[l^0]$ production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 081801	7.4	30

385	Observation of photon polarization in the $b \rightarrow s \gamma$ transition. <i>Physical Review Letters</i> , 2014 , 112, 161801	7.4	29
384	Search for direct CP violation in $B \rightarrow K^* \pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 33-43	4.2	29
383	Measurement of the differential branching fraction of the decay $B \rightarrow K^* \pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 25-35	4.2	29
382	Measurement of the leptonic asymmetry in $t\bar{t}$ events produced in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2013 , 88,	4.9	29
381	Observation of Two Resonances in the $B \rightarrow K^* \pi$ Systems and Precise Measurement of $B \rightarrow K^* \pi$ and $B \rightarrow K^* \pi$ Properties. <i>Physical Review Letters</i> , 2019 , 122, 012001	7.4	29
380	Observation of the decay $B_c^+ \rightarrow \rho^+ \pi^0$. <i>Physical Review D</i> , 2013 , 87,	4.9	28
379	Measurement of the top pair production cross section in the dilepton decay channel in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	28
378	Search for a heavy toptlike quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 261801	7.4	28
377	Study of prompt D^0 meson production in pPb collisions at $(\sqrt{s_{NN}}=5)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	27
376	Observation of the $\Upsilon(4140)$ structure in the J/ψ mass spectrum in $B \rightarrow J/\psi K$ decays. <i>Modern Physics Letters A</i> , 2017 , 32, 1750139	1.3	27
375	Study of (φ) production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}})=5$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	27
374	Searches for violation of lepton flavour and baryon number in tau lepton decays at LHCb. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 36-45	4.2	27
373	Direct measurement of the total decay width of the top quark. <i>Physical Review Letters</i> , 2013 , 111, 202001	7.4	27
372	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
371	Search for the Exotic Meson $X(5568)$ with the Collider Detector at Fermilab. <i>Physical Review Letters</i> , 2018 , 120, 202006	7.4	27
370	Prompt and nonprompt J/ψ production and nuclear modification in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 159-178	4.2	26
369	Measurement of b hadron fractions in 13 TeV pp collisions. <i>Physical Review D</i> , 2019 , 100,	4.9	26
368	Search for W 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

367	Measurement of cross sections for b jet production in events with a Z boson in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2009 , 79,	4.9	26
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364	Evidence for an resonance in decays. <i>European Physical Journal C</i> , 2018 , 78, 1019	4.2	26
363	Measurement of the phase difference between short- and long-distance amplitudes in the [Formula: see text] decay. <i>European Physical Journal C</i> , 2017 , 77, 161	4.2	25
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361	Measurement of the J/ψ pair production cross-section in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	25
360	Studies of beauty baryon decays to $D^0 \pi^+ \pi^-$ and $B^+ \pi^0 \pi^+$ final states. <i>Physical Review D</i> , 2014 , 89,	4.9	25
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358	Search for pair production of strongly interacting particles decaying to pairs of jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2013 , 111, 031802	7.4	25
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355	Search for the standard model Higgs boson decaying to a $b\bar{b}$ pair in events with one charged lepton and large missing transverse energy using the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 111804	7.4	25
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352	Search for a fermiophobic Higgs boson decaying into diphotons in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 103, 061803	7.4	24
351	Limits on anomalous trilinear gauge couplings in Z events from pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 051802	7.4	24
350	Observation of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , 2011 , 107, 102001	7.4	24

349	Measurement of the mass difference between t and t quarks. <i>Physical Review Letters</i> , 2011 , 106, 1520017.4	24
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347	Measurement of the WZ cross section and triple gauge couplings in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2012 , 86,	4.9 24
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343	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2017 , 77, 812	4.2 23
342	Measurement of the ratio of B_c^+ branching fractions to J/ψ and J/ψ final states. <i>Physical Review D</i> , 2014 , 90,	4.9 23
341	Search for Higgs bosons produced in association with b quarks. <i>Physical Review D</i> , 2012 , 85,	4.9 23
340	Search for the production of scalar bottom quarks in pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 105, 081802	7.4 23
339	Diffractional W and Z production at the Fermilab Tevatron. <i>Physical Review D</i> , 2010 , 82,	4.9 23
338	Direct top-quark width measurement at CDF. <i>Physical Review Letters</i> , 2010 , 105, 232003	7.4 23
337	Measurement of b hadron lifetimes in exclusive decays containing a J/ψ in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 121804	7.4 23
336	Search for New T' particles in final states with large jet multiplicities and missing transverse energy in p p collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 191803	7.4 23
335	Search for production of heavy particles decaying to top quarks and invisible particles in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 191801	7.4 23
334	Measurement of the CKM angle Γ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4 23
333	Observation of New Resonances in the $\psi(3700)$ System. <i>Physical Review Letters</i> , 2019 , 123, 152001	7.4 22
332	Measurements of the B^+ , B^0 , B_s^0 meson and Λ_b^0 baryon lifetimes. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4 22

331	Measurement of the $B^0 \rightarrow K^* e^+ e^-$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	22
330	Observation of the Decays $B^0 \rightarrow c_1 p K^-$ and $B^0 \rightarrow c_2 p K^-$. <i>Physical Review Letters</i> , 2017 , 119, 062001	7.4	22
329	Measurement of the inclusive leptonic asymmetry in top-quark pairs that decay to two charged leptons at CDF. <i>Physical Review Letters</i> , 2014 , 113, 042001	7.4	22
328	Measurement of the masses and widths of the bottom baryons Λ_b and Λ_b^* . <i>Physical Review D</i> , 2012 , 85,	4.9	22
327	Triggering on Heavy Flavors at Hadron Colliders. <i>Annual Review of Nuclear and Particle Science</i> , 2010 , 60, 595-614	15.7	22
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324	Search for a new heavy gauge boson W' with event signature electron+missing transverse energy in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2011 , 83,	4.9	22
323	Evidence for $t\bar{t}$ production and measurement of $\sigma_{t\bar{t}}$. <i>Physical Review D</i> , 2011 , 84,	4.9	22
322	Combined search for the standard model Higgs boson decaying to a bb pair using the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 111802	7.4	22
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319	Measurement of the cross section for direct-photon production in association with a heavy quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2013 , 111, 042003	7.4	21
318	Measurement of the differential cross section $d\sigma/d(\cos(\theta))$ for Top-Quark Pair Production in pp Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2013 , 111, 182002	7.4	21
317	Measurement of the WW + WZ production cross section using the lepton + jets final state at CDF II. <i>Physical Review Letters</i> , 2010 , 104, 101801	7.4	21
316	Measurement of the top quark mass in the dilepton channel using mT2 at CDF. <i>Physical Review D</i> , 2010 , 81,	4.9	21
315	Measurements of branching fraction ratios and CP asymmetries in $B_{\pm} \rightarrow DCPK_{\pm}$ decays in hadron collisions. <i>Physical Review D</i> , 2010 , 81,	4.9	21
314	Study of substructure of high transverse momentum jets produced in proton-antiproton collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	21

313	Search for beautiful tetraquarks in the $\Upsilon(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	21
312	Measurement of charged particle multiplicities and densities in [Formula: see text] collisions at [Formula: see text] TeV in the forward region. <i>European Physical Journal C</i> , 2014 , 74, 2888	4.2	20
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310	Study of J/ψ Production in Jets. <i>Physical Review Letters</i> , 2017 , 118, 192001	7.4	20
309	Study of forward Z + jet production in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	20
308	Observation of D^0 - \bar{D}^0 mixing using the CDF II detector. <i>Physical Review Letters</i> , 2013 , 111, 231802	7.4	20
307	Observation of the production of a W boson in association with a single charm quark. <i>Physical Review Letters</i> , 2013 , 110, 071801	7.4	20
306	Study of the associated production of photons and b-quark jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2010 , 81,	4.9	20
305	Observation of $B_s^0 \rightarrow J/\psi(892)^0$ and $B_s^0 \rightarrow J/\psi S^0$ decays. <i>Physical Review D</i> , 2011 , 83,	4.9	20
304	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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302	First observations of $B_{\psi}^0 \rightarrow D^+ D_s^-$ and $D^0 D_s^0$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	19
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300	Measurements of the top-quark mass using charged particle tracking. <i>Physical Review D</i> , 2010 , 81,	4.9	19
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297	Observation of the Annihilation Decay Mode $B^0 \rightarrow K^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 081801	7.4	18
296	Observation of an Excited B_c^{+} State. <i>Physical Review Letters</i> , 2019 , 122, 232001	7.4	18

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293	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
292	Measurements of indirect CP asymmetries in $D^0 \rightarrow K^-K^+$ and $D^0 \rightarrow \pi\pi$ decays. <i>Physical Review Letters</i> , 2014 , 112, 041801	7.4	18
291	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
290	Search for the rare decays $B^+ \rightarrow \mu^+\mu^+$, $B^0 \rightarrow \mu^+\mu^-(892)^0$, and $B_s^0 \rightarrow \mu\mu$ at CDF. <i>Physical Review D</i> , 2009 , 79,	4.9	18
289	Measurement of the b-hadron production cross section using decays to D^0X final states in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2009 , 79,	4.9	18
288	Observation of the decay $B_s^0 \rightarrow \mu\mu$ and evidence for $B^0 \rightarrow \mu\mu$ <i>Physical Review D</i> , 2017 , 95,	4.9	17
287	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. <i>Physical Review Letters</i> , 2019 , 122, 132002	7.4	17
286	Observation of $B(s)^0 \rightarrow J/\psi(1285)$ decays and measurement of the $f_1(1285)$ mixing angle. <i>Physical Review Letters</i> , 2014 , 112, 091802	7.4	17
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284	Search for R-parity violating decays of sneutrinos to $e\mu$ and $e\tau$ pairs in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 191801	7.4	17
283	First observation of $B(s)^0 \rightarrow D(s)^{\pm}K^{\mp}$ and measurement of the ratio of branching fractions $B(B(s)^0 \rightarrow D(s)^{\pm}K^{\mp})/B(B(s)^0 \rightarrow D(s)^{\pm}\pi^{\mp})$. <i>Physical Review Letters</i> , 2009 , 103, 191802	7.4	17
282	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
281	Diffraction dijet production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	17
280	Study of B_c^+ decays to the K^+K^0 final state and evidence for the decay $B_c^+ \rightarrow \mu^0\mu^+$. <i>Physical Review D</i> , 2016 , 94,	4.9	17
279	Angular moments of the decay $\Lambda_b \rightarrow \mu\mu$ at low hadronic recoil. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	17
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274	Observation of $\text{B}(2\text{S}) \rightarrow \text{pp}$ and search for $\text{X}(3872) \rightarrow \text{pp}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 305-313	4.2	16
273	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 5 \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	16
272	Precise measurement of the W-boson mass with the Collider Detector at Fermilab. <i>Physical Review D</i> , 2014 , 89,	4.9	16
271	Search for scalar top quark production in ($\text{p}\bar{\text{p}}$) collisions at ($\sqrt{s} = 1.96 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	16
270	Observations of B_c . <i>Nuclear Physics B</i> , 2013 , 871, 403-419	2.8	16
269	Measurement of the branching fractions of the decays $\text{B}_s^0 \rightarrow \text{D}^0 \text{K}^0$ and $\text{B}^0 \rightarrow \text{D}^0 \text{K}^0$. <i>Physical Review D</i> , 2013 , 87,	4.9	16
268	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
267	Search for $\text{B}_s^0 \rightarrow \mu\mu$ and $\text{B}^0 \rightarrow \mu\mu$ decays with the full CDF Run II data set. <i>Physical Review D</i> , 2013 , 87,	4.9	16
266	Exclusion of exotic top-like quarks with $2/3$ electric charge using jet-charge tagging in single-lepton tt events at CDF. <i>Physical Review D</i> , 2013 , 88,	4.9	16
265	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. <i>Physical Review D</i> , 2011 , 83,	4.9	16
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263	First measurement of the ratio of branching fractions $\text{B}(\text{B}^0 \rightarrow \mu^+ \mu^-) / \text{B}(\text{B}^0 \rightarrow \mu^+ \mu^-)$. <i>Physical Review D</i> , 2009 , 79,	4.9	16
262	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
261	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. <i>Physical Review D</i> , 2012 , 86,	4.9	16
260	Search for new color-octet vector particle decaying to B_c . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 691, 183-190	4.2	16

259	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , 2016 , 76, 664	4.2	16
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257	Observation of Z production in proton-lead collisions at LHCb. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
256	Search for CP violation in the decay $B \rightarrow \mu\mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 585-595	4.2	15
255	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
254	Observation of the $B \rightarrow J/\psi K$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 772, 265-273	4.2	15
253	First measurement of the charge asymmetry in beauty-quark pair production. <i>Physical Review Letters</i> , 2014 , 113, 082003	7.4	15
252	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
251	Measurement of the polarization amplitudes in $B^0 \rightarrow J/\psi^*(892)0$ decays. <i>Physical Review D</i> , 2013 , 88,	4.9	15
250	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
249	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
248	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
247	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
246	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
245	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
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243	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
242	Measurement of $B_s^0 \rightarrow D_s^*(\pm) + D_s^*(\mp)$ branching ratios. <i>Physical Review Letters</i> , 2012 , 108, 201801	7.4	15

241	Tevatron Run II combination of the effective leptonic electroweak mixing angle. <i>Physical Review D</i> , 2018 , 97,	4.9	15
240	Evidence for the decay ($B_s^0 \rightarrow \overline{K}^* \mu^+ \mu^-$). <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
239	Precision measurement of the Λ_b^+ , Σ_b^+ , and Ξ_b^0 baryon lifetimes. <i>Physical Review D</i> , 2019 , 100,	4.9	14
238	Search for CP violation in $D \rightarrow \tau \mu$ and ($D_s^+ \rightarrow K_S^0 \pi^+$) decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	14
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236	Study of $B_{(s)}^0 \rightarrow K_{\text{charm}(S)}^0 h^+ h'^-$ decays with first observation of $B_s^0 \rightarrow K_{\text{charm}(S)}^0 K^{\pm} \pi^{\mp}$ and $B_s^0 \rightarrow K_{\text{charm}(S)}^0 \pi^+ \pi^-$. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5.4	14
235	Observation of $B_{(s)}^0 \rightarrow \overline{B}_{(s)}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , 2013 , 73,	4.2	14
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232	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
231	Combination of searches for the Higgs boson using the full CDF data set. <i>Physical Review D</i> , 2013 , 88,	4.9	14
230	First measurement of the CP-violating phase in $B_s(0) \rightarrow \tau \mu$ decays. <i>Physical Review Letters</i> , 2013 , 110, 241802	4.9	14
229	First observation of $B^0 \rightarrow J/\psi K^0$ and search for $B^0 \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2013 , 88,	4.9	14
228	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
227	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
226	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
225	Model-Independent Observation of Exotic Contributions to $B^0 \rightarrow J/\psi \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 152002	7.4	13
224	Search for excited B + c states. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13

223	Observation of the decay $B_s^0 \rightarrow D^0 \tau^+ \tau^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 403-411	4.2	13
222	Observation of $B_{c^+} \rightarrow D^0 K^+$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 111803	7.4	13
221	Resonances and CP violation in B^0 and $(\overline{B}_s^0 \rightarrow J/\psi K^+ K^-)$ decays in the mass region above the $\psi(1020)$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	13
220	Evidence for s-channel single-top-quark production in events with one charged lepton and two jets at CDF. <i>Physical Review Letters</i> , 2014 , 112, 231804	7.4	13
219	Search for Gluino-Mediated Bottom Squark Production in pp Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 221801	7.4	13
218	Measurement of the $t\bar{t}$ production cross section in 2 fb of pp collisions at $s=1.96$ TeV using lepton plus jets events with soft muon b tagging. <i>Physical Review D</i> , 2009 , 79,	4.9	13
217	Search for resonant production of $t\bar{t}$ decaying to jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2011 , 84,	4.9	13
216	Search for the standard model Higgs Boson produced in association with top quarks using the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 181802	7.4	13
215	First study of the CP-violating phase and decay-width difference in $B_s^0 \rightarrow \psi(2S)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 253-262	4.2	13
214	Search for the Lepton-Flavor-Violating Decays $B_{s^+}^0 \rightarrow \mu^+ \mu^+ \nu$ and $B^+ \rightarrow \mu^+ \mu^+ \nu$. <i>Physical Review Letters</i> , 2019 , 123, 211801	7.4	13
213	Central exclusive production of J/ψ and $\psi(2S)$ mesons in pp collisions at $s = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	13
212	Measurement of CP asymmetries in two-body $B(s)0$ -meson decays to charged pions and kaons. <i>Physical Review D</i> , 2018 , 98,	4.9	13
211	Measurement of B^+ , B^0 and \bar{B}^0 production in pPb collisions at $s_{NN}=8.16$ TeV. <i>Physical Review D</i> , 2019 , 99,	4.9	12
210	Measurement of the $B_s(0) \rightarrow D_s D_s^+$ and $B_s(0) \rightarrow D^- D_s^+$ effective lifetimes. <i>Physical Review Letters</i> , 2014 , 112, 111802	7.4	12
209	A study of CP violation in $B_{\mu} \rightarrow DK_{\mu}$ and $B_{\mu} \rightarrow D_{\mu}$ decays with $D \rightarrow KS^0 K_{\mu}^{\pm}$ final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 733, 36-45	4.2	12
208	Updated search for the standard model Higgs boson in events with jets and missing transverse energy using the full CDF data set. <i>Physical Review D</i> , 2013 , 87,	4.9	12
207	Search for anomalous production of events with two photons and additional energetic objects at CDF. <i>Physical Review D</i> , 2010 , 82,	4.9	12
206	Measurement of the fraction of $t\bar{t}$ production via gluon-gluon fusion in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2009 , 79,	4.9	12

205	Search for the standard model Higgs boson decaying to a $b\bar{b}$ pair in events with no charged leptons and large missing transverse energy using the full CDF data set. <i>Physical Review Letters</i> , 2012 , 109, 111805	7.4	12
204	Search for a low-mass standard model Higgs boson in the $\tau\tau$ decay channel in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 181804	7.4	12
203	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12
202	Measurement of the Λ_c^0 Baryon Lifetime. <i>Physical Review Letters</i> , 2018 , 121, 092003	7.4	12
201	Measurement of CP asymmetry in $D^0 \rightarrow K\bar{K}^+$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 177-187	4.2	11
200	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^+ \mu^- \bar{\nu}_\mu$ in the $K^*_{0,2}(1430)^0$ region. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	11
199	Measurement of the CP Violation Parameter A_{FB}^0 in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 261803	7.4	11
198	Measurement of $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ in top-quark-pair decays using dilepton events and the full CDF Run II data set. <i>Physical Review Letters</i> , 2014 , 112, 221801	7.4	11
197	Search for high-mass resonances decaying into ZZ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	11
196	Measurement of the CP asymmetry in $B^+ \rightarrow K^+ \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2013 , 111, 151801	7.4	11
195	Measurement of the top-quark pair-production cross section in events with two leptons and bottom-quark jets using the full CDF data set. <i>Physical Review D</i> , 2013 , 88,	4.9	11
194	Studies of the decays $B^+ \rightarrow p\bar{p}\pi^+$ and observation of $B^+ \rightarrow \chi(1520)p$. <i>Physical Review D</i> , 2013 , 88,	4.9	11
193	Top-quark mass measurement in events with jets and missing transverse energy using the full CDF data set. <i>Physical Review D</i> , 2013 , 88,	4.9	11
192	Measurement of event shapes in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2011 , 83,	4.9	11
191	Measurement of the $t\bar{t}$ cross section in pp collisions at $s=1.96$ TeV using dilepton events with a lepton plus track selection. <i>Physical Review D</i> , 2009 , 79,	4.9	11
190	Measurement of the $B(s)^0$ lifetime in fully and partially reconstructed $B(s)^0 \rightarrow D(s)^- (\pi^+)$ decays in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 272001	7.4	11
189	Search for a very light CP-odd Higgs boson in top quark decays from pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 031801	7.4	11
188	Measurements of the top-quark mass and the $t\bar{t}$ cross section in the hadronic b jets decay channel at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 192001	7.4	11

187	Search for a heavy particle decaying to a top quark and a light quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 211805	7.4	11
186	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , 2018 , 78, 443	4.2	11
185	Updated determination of $D^0\bar{D}^0$ mixing and CP violation parameters with $D^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review D</i> , 2018 , 97,	4.9	11
184	Study of charmonium production in π -hadron decays and first evidence for the decay. <i>European Physical Journal C</i> , 2017 , 77, 609	4.2	10
183	Measurement of CP observables in $B_{\mu} \rightarrow D^{(*)} K_{\mu}$ and $B_{\mu} \rightarrow D^{(*)} \pi_{\mu}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 777, 16-30	4.2	10
182	Measurement of the B_{μ}^0 and B_{μ}^+ baryon lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 154-162	4.2	10
181	Measurement of the charge asymmetry in B_{μ}^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 85-94	4.2	10
180	Measurement of the effective α_s . <i>Nuclear Physics B</i> , 2013 , 873, 275-292	2.8	10
179	Measurement of B_{μ}^0 and D_{μ}^0 Meson Lifetimes. <i>Physical Review Letters</i> , 2017 , 119, 101801	7.4	10
178	Observation of the suppressed decay $B_{\mu}^0 \rightarrow \rho^+ \pi^-$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
177	Measurement of B^0 , B_s^0 , B^+ and B^0 production asymmetries in 7 and 8 TeV proton-proton collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 139-158	4.2	10
176	First Observation of a Baryonic B_{μ}^0 Decay. <i>Physical Review Letters</i> , 2017 , 119, 041802	7.4	10
175	Study of top quark production and decays involving a tau lepton at CDF and limits on a charged Higgs boson contribution. <i>Physical Review D</i> , 2014 , 89,	4.9	10
174	Faith, folie π famille, and mummification: a brief review of the literature and a rare case report. <i>Journal of Forensic Sciences</i> , 2014 , 59, 274-80	1.8	10
173	Search for the Higgs boson using neural networks in events with missing energy and b-quark jets in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 104, 141801	7.4	10
172	Measurement of the $k(T)$ distribution of particles in jets produced in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 232002	7.4	10
171	Top quark mass measurement in the $t\bar{t}$ all hadronic channel using a matrix element technique in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2009 , 79,	4.9	10
170	Measurement of the top pair production cross section in the lepton+jets channel using a jet flavor discriminant. <i>Physical Review D</i> , 2011 , 84,	4.9	10

169	Measurement of CP-violation asymmetries in $D^0 \rightarrow KS^0$. <i>Physical Review D</i> , 2012 , 86,	4.9	10
168	Measurement of the top quark mass at CDF using the β neutrino χ^2 weighting template method on a lepton plus isolated track sample. <i>Physical Review D</i> , 2009 , 79,	4.9	10
167	Prompt \bar{c} production in pPb collisions at $(\sqrt{s_{\text{NN}}}=5.02)$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	10
166	Measurement of the mass and production rate of B baryons. <i>Physical Review D</i> , 2019 , 99,	4.9	9
165	A measurement of the CP asymmetry difference between $B^+ \rightarrow pK^+$ and $p\bar{B}$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	9
164	Effective lifetime measurements in the $B_s^0 \rightarrow K^+K^-$ and $B_s^0 \rightarrow K^0\bar{K}^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 446-454	4.2	9
163	Branching fraction and CP asymmetry of the decays $B^+ \rightarrow KS^0$ and $B^+ \rightarrow KS^0K^+$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 646-655	4.2	9
162	First search for exotic Z Boson decays into photons and neutral pions in hadron collisions. <i>Physical Review Letters</i> , 2014 , 112, 111803	7.4	9
161	Search for s-channel single-top-quark production in events with missing energy plus jets in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2014 , 112, 231805	7.4	9
160	Measurement of the mass difference between top and antitop quarks. <i>Physical Review D</i> , 2013 , 87,	4.9	9
159	Improved search for a Higgs boson produced in association with $Z \rightarrow l^+l^-$ in pp collisions $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 251802	7.4	9
158	Search for the associated production of the standard-model Higgs Boson in the all-hadronic channel. <i>Physical Review Letters</i> , 2009 , 103, 221801	7.4	9
157	Search for the Higgs boson produced in association with $Z \rightarrow \mu\mu$ using the matrix element method at CDF II. <i>Physical Review D</i> , 2009 , 80,	4.9	9
156	Search for CP violation in $B^0 \rightarrow pK^+$ and $B^0 \rightarrow p\bar{K}^+$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 787, 124-133	4.2	9
155	Measurement of the CKM angle β using $B^0 \rightarrow DK^0$ with $D \rightarrow K^0S^0$ and $K^0S^0K^+K^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	9
154	Search for the rare decay $B^+ \rightarrow p\pi^+$. <i>Physical Review D</i> , 2018 , 97,	4.9	9
153	Search for the suppressed decays $B^+ \rightarrow K^+K^+$ and $B^+ \rightarrow \pi^+\pi^+$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 765, 307-316	4.2	8
152	Observation of $B_c^{+-} \rightarrow J/\psi K^{(*)}$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8

151	Measurements of charm mixing and CP violation using $D^0 \rightarrow K_S^0$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
150	Search for the rare decay $B^+ \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	8
149	Measurement of the Charm-Mixing Parameter y_{CP} . <i>Physical Review Letters</i> , 2019 , 122, 011802	7.4	8
148	Combined Forward-Backward Asymmetry Measurements in Top-Antitop Quark Production at the Tevatron. <i>Physical Review Letters</i> , 2018 , 120, 042001	7.4	8
147	Measurement of branching fractions of charmless four-body B^0 and B^+ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
146	Evidence for the Rare Decay $B^+ \rightarrow p \bar{n}$. <i>Physical Review Letters</i> , 2018 , 120, 221803	7.4	8
145	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow K^*(892)^0$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	8
144	Search for the decay $B^0 \rightarrow K^+ K^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 234-243	4.2	8
143	Observation of $B^0 \rightarrow K^+ K^-$. <i>Nuclear Physics B</i> , 2013 , 874, 663-678	2.8	8
142	χ_{c1} and χ_{c2} Resonance Parameters with the Decays $B^0 \rightarrow J/\psi \chi_{c1}$. <i>Physical Review Letters</i> , 2017 , 119, 221801	7.4	8
141	Measurement of the B^0 production cross-section in pp collisions at $\sqrt{s} = 7$ and 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	8
140	Measurement of the WW+WZ production cross section using a matrix element technique in lepton+jets events. <i>Physical Review D</i> , 2010 , 82,	4.9	8
139	Search for new physics with a dijet plus missing E(T) signature in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 131801	7.4	8
138	Measurement of the top quark mass in the lepton+jets channel using the lepton transverse momentum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 371-379	4.2	8
137	Search for standard model Higgs boson production in association with a W boson using a matrix element technique at CDF in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	8
136	Search for the standard model Higgs boson produced in association with a W^0 boson with 7.5 fb ⁻¹ integrated luminosity at CDF. <i>Physical Review D</i> , 2012 , 86,	4.9	8
135	Information and perception of meaningful patterns. <i>PLoS ONE</i> , 2013 , 8, e69154	3.7	8
134	Search for Lepton-Flavor Violating Decays $B^+ \rightarrow K^+ \mu^+ \mu^- e^+$. <i>Physical Review Letters</i> , 2019 , 123, 241802	8	8

133	Study of τ production in pPb collisions at ($\sqrt{s_{\text{NN}}}=8.16$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	8
132	Measurement of Angular and CP Asymmetries in $D^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ and $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2018 , 121, 091801	7-4	8
131	Measurements of the branching fractions of $\tau^+ \rightarrow \rho^0$, $\tau^+ \rightarrow \rho^0 K^+$, and $\tau^+ \rightarrow \rho^0 \pi^+$. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5-4	8
130	Search for the CP-violating strong decays $B \rightarrow \pi \pi$ and $B(958) \rightarrow \pi \pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 764, 233-240	4-2	7
129	Observation of the Decay $\Lambda_b^0 \rightarrow p K^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 071801	7-4	7
128	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , 2017 , 77, 678	4-2	7
127	Observation of the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 784, 101-111	4-2	7
126	First Observation of the Radiative Decay $\Lambda_b^0 \rightarrow \gamma$. <i>Physical Review Letters</i> , 2019 , 123, 031801	7-4	7
125	Updated measurement of time-dependent (CP)-violating observables in ($B^0 \rightarrow J/\psi K^+ K^-$) decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4-2	7
124	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow \bar{p} \pi^+$. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5-4	7
123	First observation of the decay ($B_s^0 \rightarrow \pi^0 K^+ K^-$). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	7
122	Search for CP violation in the phase space of $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 345-356	4-2	7
121	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	7
120	Measurement of the ZZ production cross section using the full CDF II data set. <i>Physical Review D</i> , 2014 , 89,	4-9	7
119	Measurement of Z production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2010 , 82,	4-9	7
118	Updated search for the flavor-changing neutral-current decay $D^0 \rightarrow \pi^0 \pi^0$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2010 , 82,	4-9	7
117	Measurement of the top-quark mass in the lepton+jets channel using a matrix element technique with the CDF II detector. <i>Physical Review D</i> , 2011 , 84,	4-9	7
116	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon b-tagged events. <i>Physical Review D</i> , 2009 , 80,	4-9	7

115	Measurement of the B lifetime using a simulation free approach for trigger bias correction. <i>Physical Review D</i> , 2011 , 83,	4.9	7
114	Search for new heavy particles decaying to $ZZ \rightarrow llll$, $lljj$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2011 , 83,	4.9	7
113	Measurement of the cross section for prompt isolated diphoton production in pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2011 , 107, 102003	7.4	7
112	Top-quark mass measurement using events with missing transverse energy and jets at CDF. <i>Physical Review Letters</i> , 2011 , 107, 232002	7.4	7
111	Novel inclusive search for the Higgs boson in the four-lepton final state at CDF. <i>Physical Review D</i> , 2012 , 86,	4.9	7
110	Search for a dimuon resonance in the τ mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
109	Search for CP violation using triple product asymmetries in $D^0 b \rightarrow pK^+D^0 b \rightarrow pK^+K^0$ and $D^0 b \rightarrow pK^+D^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
108	Amplitude Analysis of the Decay $B^0 \rightarrow K^0_S \pi^+ \pi^-$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K^0_S \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2018 , 120, 261801	7.4	7
107	Measurement of the B^0 production asymmetry and the CP asymmetry in $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	6
106	First measurement of the CP-violating phase ($\phi_s^{\overline{D}}$) in $B^0 s \rightarrow (K^+ \pi^-) K^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
105	Measurements of CP asymmetries in charmless four-body (Λ^0_{cb}) and (Ξ^0_{cb}) decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	6
104	Searches for $(B_{(s)}^0 \rightarrow \{J/\psi \pi\} \overline{p})$ and $B^+ \rightarrow J/\psi (\overline{p}) \pi^+$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	6
103	Measurement of CP asymmetries in $D^0 \rightarrow \pi^0 \pi^0$ and $D_s^0 \rightarrow \pi^0 \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 21-30	4.2	6
102	Observation of the decay $B^0 \rightarrow \tau^+ \tau^-$ and evidence for $B^0 \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	6
101	Measurement of the $Y(nS)$ polarizations in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	6
100	Search for the decay $B_s^0 \rightarrow D^* \pi^0$. <i>Physical Review D</i> , 2013 , 87,	4.9	6
99	Searches for the Higgs boson decaying to $W^+ W^- \mu^+ \mu^-$ with the CDF II detector. <i>Physical Review D</i> , 2013 , 88,	4.9	6
98	Search for technicolor particles produced in association with a W Boson at CDF. <i>Physical Review Letters</i> , 2010 , 104, 111802	7.4	6

97	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=1.96$ TeV using soft electron b-tagging. <i>Physical Review D</i> , 2010 , 81,	4.9	6
96	Search for narrow resonances lighter than ρ mesons. <i>European Physical Journal C</i> , 2009 , 62, 319-326	4.2	6
95	Search for standard model Higgs boson production in association with a W boson using a neural network discriminant at CDF. <i>Physical Review D</i> , 2009 , 80,	4.9	6
94	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=1.96$ TeV using events with large missing transverse energy and jets. <i>Physical Review D</i> , 2011 , 84,	4.9	6
93	Measurement of CP Violation in $B^0 \rightarrow D^+ D^-$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 261801	7.4	6
92	Observation of the decay $B_s^0 \rightarrow D^0 K^+ K^-$ <i>Physical Review D</i> , 2018 , 98,	4.9	6
91	Measurement of ρ production in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
90	First observation of $B^+ \rightarrow D^+ s^+ K^+ K^-$ decays and a search for $B^+ \rightarrow D^+ s^+ \rho^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
89	Observation of charmless baryonic decays $B(s)^0 \rightarrow pp \pi^+ \pi^-$ <i>Physical Review D</i> , 2017 , 96,	4.9	5
88	Observation of the ($\Lambda_{\text{charm}}^0 \rightarrow \text{proton} \pi^-$) (3872) pK decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
87	First Results of an Artificial Retina Processor Prototype. <i>EPJ Web of Conferences</i> , 2016 , 127, 00005	0.3	5
86	Amplitude analysis of $B^0 \rightarrow K^0 S^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
85	Search for the Higgs boson in the all-hadronic final state using the full CDF data set. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	5
84	Observation of the decay $B^0 \rightarrow p \bar{K}^+ \pi^-$ and a search for CP violation. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	5
83	Study of ($\overline{\text{charm}} \text{charm}$) correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	5
82	Invariant-mass distribution of jet pairs produced in association with a W boson in pp collisions at $s=1.96$ TeV using the full CDF Run II data set. <i>Physical Review D</i> , 2014 , 89,	4.9	5
81	Production of K_S^0 , $K^{*0}(892)$ and $\rho^0(1020)$ in minimum bias events and K_S^0 and ρ^0 in jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2013 , 88,	4.9	5
80	Measurement of the $t\bar{t}$ production cross section with an in situ calibration of b-jet identification efficiency. <i>Physical Review D</i> , 2011 , 83,	4.9	5

79	Search for new physics in the $e^+e^- \rightarrow T$ channel with a low- p_T lepton threshold at the Collider Detector at Fermilab. <i>Physical Review D</i> , 2009 , 79,	4.9	5
78	Search for a Higgs boson in the diphoton final state in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 011801	7.4	5
77	Search for the rare radiative decay $W \rightarrow \gamma \nu$ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	5
76	Search for anomalous production of multiple leptons in association with W and Z bosons at CDF. <i>Physical Review D</i> , 2012 , 85,	4.9	5
75	Searching the inclusive $e^+e^- \rightarrow T+b$ -quark signature for radiative top quark decay and non-standard-model processes. <i>Physical Review D</i> , 2009 , 80,	4.9	5
74	A search for $(\Xi_{\text{cc}}^{++}) \rightarrow D+pK^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
73	Observation of $B_s^0 \rightarrow D^* K^0$ and search for $B^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , 2018 , 98,	4.9	5
72	Observation of the decay $D^0_b \rightarrow (D^* S^0) p$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	5
71	Search for weakly decaying b-flavored pentaquarks. <i>Physical Review D</i> , 2018 , 97,	4.9	5
70	Measurement of forward $t\bar{t}$, $W+bb$ and $W+cc$ production in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 110-120	4.2	4
69	Observation of $[B_c^+]$ and $[B_c^0]$ decays. <i>European Physical Journal C</i> , 2017 , 77, 72	4.2	4
68	Observation of $B_{(s)}^0 \rightarrow J/\psi p$ Decays and Precision Measurements of the $B_{(s)}^0$ Masses. <i>Physical Review Letters</i> , 2019 , 122, 191804	7.4	4
67	Measurement of CP asymmetry in $B^0 \rightarrow D^* K^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
66	Search for B_c^+ decays to two charm mesons. <i>Nuclear Physics B</i> , 2018 , 930, 563-582	2.8	4
65	Dalitz plot analysis of the $D^+ \rightarrow K^0 K^+$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	4
64	Limits on neutral Higgs boson production in the forward region in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	4
63	New algorithms for identifying the flavour of $[B_c^+]$ mesons using pions and protons. <i>European Physical Journal C</i> , 2017 , 77, 238	4.2	4
62	Evidence for the two-body charmless baryonic decay ($\Lambda_b^+ \rightarrow \bar{\Lambda}^0$). <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4

61	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow pp$. <i>Physical Review Letters</i> , 2017 , 119, 232001	7.4	4
60	Measurement of CP observables in $B^0 \rightarrow DK^{*0}$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
59	Updated branching fraction measurements of $B(s) \rightarrow K S^0 h+h^0$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	4
58	Measurement of the branching fraction $B(B^0 \rightarrow \pi^+ \pi^0)$ at CDF. <i>Physical Review D</i> , 2012 , 85,	4.9	4
57	Search for WZ+ZZ production with missing transverse energy+jets with b enhancement at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	4
56	Search for supersymmetry with like-sign lepton-tau events at CDF. <i>Physical Review Letters</i> , 2013 , 110, 201802	7.4	4
55	Signature-based search for delayed photons in exclusive photon plus missing transverse energy events from pp collisions with $s=1.96$ TeV. <i>Physical Review D</i> , 2013 , 88,	4.9	4
54	Search for the production of ZW and ZZ boson pairs decaying into charged leptons and jets in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2013 , 88,	4.9	4
53	Search for a two-Higgs-boson doublet using a simplified model in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2013 , 110, 121801	7.4	4
52	Search for the neutral current top quark decay $t \rightarrow Zc$ using the ratio of Z-boson+4 jets to W-boson+4 jets production. <i>Physical Review D</i> , 2009 , 80,	4.9	4
51	Measurement of the $B_{s0} \rightarrow J/\psi$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 484-492	4.2	4
50	Measurement of the Bc meson production fraction and asymmetry in 7 and 13 TeV pp collisions. <i>Physical Review D</i> , 2019 , 100,	4.9	4
49	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 S^0 K^0 S^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
48	Measurement of forward top pair production in the dilepton channel in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
47	Measurement of D^0 production asymmetry in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
46	Measurement of the branching fractions of the decays $D^+ \rightarrow K^0 K^+$, $D^+ \rightarrow \pi^+ K^+$ and $D^+ \rightarrow \pi^+ K^+$. <i>Journal of High Energy Physics</i> , 2019 , 2019,	5.4	3
45	Amplitude analysis of the ($B^0 \rightarrow K^{*0} \overline{K}^{*0}$) decays and measurement of the branching fraction of the ($B^0 \rightarrow K^{*0} \overline{K}^{*0}$) decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	3
44	W-boson polarization measurement in the tt dilepton channel using the CDF II detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 722, 48-54	4.2	3

43	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	3
42	Search for standard model Higgs boson production in association with a W boson at CDF. <i>Physical Review D</i> , 2012 , 85,	4-9	3
41	Search for new phenomena in events with two Z bosons and missing transverse momentum in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2012 , 85,	4-9	3
40	Search for the Higgs boson in the all-hadronic final state using the CDF II detector. <i>Physical Review D</i> , 2011 , 84,	4-9	3
39	Search for anomalous production of events with a photon, jet, b-quark jet, and missing transverse energy. <i>Physical Review D</i> , 2009 , 80,	4-9	3
38	Measurement of Charged Hadron Production in Z-Tagged Jets in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , 2019 , 123, 232001	7-4	3
37	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , 2018 , 78, 1008	4-2	3
36	Measurement of the relative $B \rightarrow D^0/D^{*0}$ branching fractions using B mesons from $B \rightarrow 2^0$ decays. <i>Physical Review D</i> , 2019 , 99,	4-9	2
35	Measurement of the CP-violating phase γ from $B_s^0 \rightarrow J/\psi$ decays in 13 TeV pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 797, 134789	4-2	2
34	Search for CP Violation in $D_{s1}^+ \rightarrow K_{S1}^0 \pi^+$, $D^+ \rightarrow K_{S1}^0 K^+$, and $D^+ \rightarrow \pi^+ \pi^0$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191803	7-4	2
33	Observation of the doubly Cabibbo-suppressed decay $B^+ \rightarrow p \pi^+$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	2
32	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	2
31	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^+ \rightarrow J/\psi \pi^+$ and $B^+ \rightarrow J/\psi K^+$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	2
30	Study of the $B^0 \rightarrow \pi^+ \pi^- K^*(892)^0$ decay with an amplitude analysis of $B^0 \rightarrow \pi^+ \pi^- K^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	2
29	Observation of the $B^+ \rightarrow D^+ K^0$ decay. <i>Physical Review D</i> , 2017 , 96,	4-9	2
28	Measurement of CP violation in $B^0 \rightarrow J/\psi K_S^0$ and $B^0 \rightarrow \psi(2S) K_S^0$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5-4	2
27	Search for new physics in trilepton events and limits on the associated chargino-neutralino production at CDF. <i>Physical Review D</i> , 2014 , 90,	4-9	2
26	Search for the standard model Higgs boson produced in association with a Z boson in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 715, 98-104	4-2	2

25	Search for a dijet resonance in events with jets and missing transverse energy in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2013 , 88,	4.9	2
24	Measurement of the ratio of branching fractions $B(B \rightarrow J/\psi)/B(B \rightarrow J/\psi K_S)$. <i>Physical Review D</i> , 2009 , 79,	4.9	2
23	Search for a heavy vector boson decaying to two gluons in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	2
22	Production of Λ , Σ , Ξ , and Ξ hyperons in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	2
21	Measurement of CP-Violating and Mixing-Induced Observables in $B_{s^0} \rightarrow \pi$ Decays. <i>Physical Review Letters</i> , 2019 , 123, 081802	7.4	2
20	Measurement of $Z \rightarrow \tau\tau$ production in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
19	Measurement of CP violation in $B^0 \rightarrow D^* \pi$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
18	Measurement of CP observables in the process $B^0 \rightarrow DK^0$ with two- and four-body D decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	1
17	First observation of forward $Z \rightarrow b\bar{b}$ production in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 776, 430-439	4.2	1
16	Measurement of the ratio of branching fractions of the decays $\Lambda_b \rightarrow (\rho S)\pi$ and $\Lambda_b \rightarrow J/\psi$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	1
15	Measurement of the branching fraction and (C)P asymmetry in $(\{B^+\} \rightarrow \{J/\psi\} \{\rho^+\})$ decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	1
14	Search for the $B^0_s \rightarrow \tau\tau$ decay. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	1
13	Search for Baryon-Number Violating $\Delta B=1$ Oscillations. <i>Physical Review Letters</i> , 2017 , 119, 181807	7.4	1
12	Measurement of the D^+ -meson production cross section at low transverse momentum in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2017 , 95,	4.9	1
11	Improved determination of the sample composition of dimuon events produced in $(p\bar{p})$ collisions at ($\sqrt{s}=1.96$) TeV. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	1
10	Search for WW and WZ production in lepton plus jets final state at CDF. <i>Physical Review D</i> , 2009 , 79,	4.9	1
9	Chromatic Information and Feature Detection in Fast Visual Analysis. <i>PLoS ONE</i> , 2016 , 11, e0159898	3.7	1
8	Measurement of the CP asymmetry in $B^+ \rightarrow D^+ \bar{K}^0$ and $B^+ \rightarrow D^+ D^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	1

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