

# Giovanni Punzi

## List of Publications by Year in Descending Order

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

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	Readout firmware of the Vertex Locator for LHCb Run 3 and beyond. <i>IEEE Transactions on Nuclear Science</i> , <b>2021</b> , 1-1	1.7	
527	Measurement of b hadron fractions in 13 TeV pp collisions. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	26
526	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> , <b>2019</b> , 99,	4.9	2
525	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> , <b>2019</b> , 2019, 1	5.4	1
524	Search for the rare decay $(\{B^+\} \rightarrow \{\mu^+\} \{\mu^-\} \{\mu^+\} \{\nu_\mu\})$ . <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	8
523	Measurement of the CP-violating phase $\gamma$ 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> , <b>2019</b> , 797, 134789	4.2	2
522	Observation of the $(\{\Lambda_b^0\} \rightarrow \{\chi_{c1}\})$ (3872) pK decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	5
521	Measurement of the Charm-Mixing Parameter $y_{CP}$ . <i>Physical Review Letters</i> , <b>2019</b> , 122, 011802	7.4	8
520	Search for CP Violation in $D_{s^+} \rightarrow K_{S^0} \pi^+$ , $D^+ \rightarrow K_{S^0} K^+$ , and $D^+ \rightarrow \pi^+$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191803	7.4	2
519	Observation of $B_{(s)^0} \rightarrow J/\psi p$ Decays and Precision Measurements of the $B_{(s)^0}$ Masses. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191804	7.4	4
518	FCC Physics Opportunities. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	174
517	Measurement of $B^+$ , $B^0$ and $B^0$ production in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	12
516	Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 211803	7.4	51
515	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> , <b>2019</b> , 122, 222001	7.4	199
514	Observation of an Excited $B_{c^+}$ State. <i>Physical Review Letters</i> , <b>2019</b> , 122, 232001	7.4	18
513	Search for Lepton-Universality Violation in $B^+ \rightarrow K^+ \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191801	7.4	137
512	Observation of the doubly Cabibbo-suppressed decay $\bar{B}^0_c \rightarrow p \pi^+$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	2

511	Model-Independent Observation of Exotic Contributions to $B^0 \rightarrow J/\psi K^+ K^-$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 152002	7.4	13
510	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	2
509	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. <i>Physical Review Letters</i> , <b>2019</b> , 122, 132002	7.4	17
508	Measurement of the mass and production rate of $\Lambda$ baryons. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	9
507	Measurement of the branching fractions of the decays $D^+ \rightarrow K^+ K^+ K^-$ , $D^+ \rightarrow \pi^+ K^+$ and $D^+ \rightarrow \pi^+ K^0$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019,	5.4	3
506	Study of the $B^0 \rightarrow \pi^0 \pi^0 K^*(892)^0$ decay with an amplitude analysis of $B^0 \rightarrow \pi^0 \pi^0 K^+$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	2
505	Measurement of the ratio of branching fractions of the decays $D^0 \rightarrow \pi^0 \pi^0$ and $D^0 \rightarrow J/\psi \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	1
504	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^+ K^-$ decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	4
503	Precision measurement of the $\Lambda^+$ , $\Sigma^+$ , and $\Sigma^0$ baryon lifetimes. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	14
502	Amplitude analysis of $B^0 \rightarrow K^0 S K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	5
501	First Observation of the Radiative Decay $\Lambda_b^0 \rightarrow \gamma \Lambda^0$ . <i>Physical Review Letters</i> , <b>2019</b> , 123, 031801	7.4	7
500	Measurement of the branching fraction and (C)P asymmetry in $(\rho^+ \rightarrow J/\psi \pi^+)$ decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	1
499	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , <b>2019</b> , 122, 231802	7.4	39
498	Near-threshold ( $\overline{D} D$ ) spectroscopy and observation of a new charmonium state. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	16
497	FCC-hh: The Hadron Collider. <i>European Physical Journal: Special Topics</i> , <b>2019</b> , 228, 755-1107	2.3	196
496	Amplitude analysis of the $(B^0 \rightarrow K^* \pi^0 \overline{K}^*)$ decays and measurement of the branching fraction of the $(B^0 \rightarrow K^* \pi^0 \overline{K}^*)$ decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	3
495	HE-LHC: The High-Energy Large Hadron Collider. <i>European Physical Journal: Special Topics</i> , <b>2019</b> , 228, 1109-1382	2.3	72
494	FCC-ee: The Lepton Collider. <i>European Physical Journal: Special Topics</i> , <b>2019</b> , 228, 261-623	2.3	193

493	Observation of New Resonances in the $\chi_{c0}^{\prime}$ System. <i>Physical Review Letters</i> , <b>2019</b> , 123, 152001	7.4	22
492	Updated measurement of time-dependent (CP)-violating observables in $(B^0 \rightarrow J/\psi K^+ K^-)$ decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	7
491	Measurements of CP asymmetries in charmless four-body $(\Lambda_b^0)$ and $(\Xi_b^0)$ decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	6
490	Prompt $\chi_c$ production in pPb collisions at $(\sqrt{s_{\text{NN}}}=5.02)$ TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	10
489	A search for $(\chi_{cc}^{++}) \rightarrow D+pK^0$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	5
488	Measurement of the $B_c$ meson production fraction and asymmetry in 7 and 13 TeV pp collisions. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	4
487	Search for the Lepton-Flavor-Violating Decays $B_{(s)}^0 \rightarrow \mu^{\pm} \mu^{\mp}$ and $B^0 \rightarrow \mu^{\pm} \mu^{\mp}$ . <i>Physical Review Letters</i> , <b>2019</b> , 123, 211801	7.4	13
486	Search for Lepton-Flavor Violating Decays $B^+ \rightarrow K^+ \mu^{\pm} e^{\mp}$ . <i>Physical Review Letters</i> , <b>2019</b> , 123, 241802	7.4	8
485	Measurement of CP-Violating and Mixing-Induced Observables in $B_{(s)}^0 \rightarrow \tau^{\pm} \nu$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 123, 081802	7.4	2
484	Measurement of Charged Hadron Production in Z-Tagged Jets in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 123, 232001	7.4	3
483	Observation of Two Resonances in the $\chi_{c0}^{\prime}$ Systems and Precise Measurement of $\chi_{c0}^{\prime}$ and $\chi_{c1}^{\prime}$ Properties. <i>Physical Review Letters</i> , <b>2019</b> , 122, 012001	7.4	29
482	Performance of a high-throughput tracking processor implemented on Stratix-V FPGA. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2019</b> , 936, 344-345	1.2	
481	Search for excited $B + c$ states. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	13
480	Search for Dark Photons Produced in 13 TeV pp Collisions. <i>Physical Review Letters</i> , <b>2018</b> , 120, 061801	7.4	75
479	Combined Forward-Backward Asymmetry Measurements in Top-Antitop Quark Production at the Tevatron. <i>Physical Review Letters</i> , <b>2018</b> , 120, 042001	7.4	8
478	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> , <b>2018</b> , 776, 430-439	4.2	1
477	Measurement of CP observables in $B_{(s)}^0 \rightarrow D^{(*)} K^0$ and $B_{(s)}^0 \rightarrow D^{(*)} \bar{K}^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 777, 16-30	4.2	10
476	A measurement of the CP asymmetry difference between $\bar{c}^+ \rightarrow pK^0$ and $p^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018,	5.4	9

475	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
474	Search for the lepton-flavour violating decays $B^0 \rightarrow e\mu$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	15
473	First measurement of the CP-violating phase ( $\phi_s^{\overline{d}}$ ) in $B^0 \rightarrow (K^+ K^-)$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
472	Test of lepton flavor universality by the measurement of the $B^0 \rightarrow D^+ \mu^-$ branching fraction using three-prong $\mu$ decays. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	106
471	Measurement of the Ratio of the $B^0 \rightarrow D^{*-} \mu^+ \mu^-$ and $B^0 \rightarrow D^{*-} \mu^+ \mu^-$ Branching Fractions Using Three-Prong $\mu$ Lepton Decays. <i>Physical Review Letters</i> , <b>2018</b> , 120, 171802	7.4	126
470	Measurement of the Ratio of Branching Fractions $B(B_{c^+} \rightarrow J/\psi \mu^+ \mu^-) / B(B_{c^+} \rightarrow J/\psi \mu^+ \mu^-)$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 121801	7.4	109
469	Search for $B_{c^+}$ decays to two charm mesons. <i>Nuclear Physics B</i> , <b>2018</b> , 930, 563-582	2.8	4
468	Measurement of the Lifetime of the Doubly Charmed Baryon $\Xi_{cc}^{++}$ . <i>Physical Review Letters</i> , <b>2018</b> , 121, 052002	7.4	44
467	Measurement of branching fractions of charmless four-body $\Xi_b$ and $\Xi_b$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8
466	Observation of the decay $B^0 \rightarrow \bar{p} p \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 784, 101-111	4.2	7
465	Observation of a New $\Xi_b^{\prime}$ Resonance. <i>Physical Review Letters</i> , <b>2018</b> , 121, 072002	7.4	50
464	Evidence for the Rare Decay $\Xi_{cc}^+ \rightarrow p \mu^+ \mu^-$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 221803	7.4	8
463	Central exclusive production of $J/\psi$ and $\psi(2S)$ mesons in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018,	5.4	13
462	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 S K^0 S$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
461	Study of $\eta$ production in pPb collisions at ( $\sqrt{s_{\text{NN}}} = 8.16$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8
460	Search for beautiful tetraquarks in the $\eta(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	21
459	Search for CP violation in $B^0 \rightarrow p K^0$ and $B^0 \rightarrow p \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 787, 124-133	4.2	9
458	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1008	4.2	3

457	Evidence for an resonance in decays. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1019	4.2	26
456	Observation of the decay $B_s^0 \rightarrow D^0 K^+ K^-$ . <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	6
455	Observation of $B_s^0 \rightarrow D^0 \pi^0$ and search for $B^0 \rightarrow D^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	5
454	Measurement of Antiproton Production in p-He Collisions at $\sqrt{s_{NN}}=110$ GeV. <i>Physical Review Letters</i> , <b>2018</b> , 121, 222001	7.4	22
453	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	12
452	Measurement of $\eta$ production in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
451	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> , <b>2018</b> , 2018, 1	5.4	4
450	Observation of the decay ( $\overline{B}_s^0 \rightarrow \chi_{c2}^+ K^+ K^-$ ) in the $\eta$ mass region. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	0
449	Search for a dimuon resonance in the $\eta$ mass region. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	7
448	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , <b>2018</b> , 78, 443	4.2	11
447	Angular moments of the decay $\Lambda_b \rightarrow \Lambda \pi$ at low hadronic recoil. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	17
446	Measurement of $Z \rightarrow \mu^+ \mu^-$ production in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	2
445	First Observation of the Doubly Charmed Baryon Decay $\Xi_{cc}^{++} \rightarrow \Xi_{cc}^+ \pi^+$ . <i>Physical Review Letters</i> , <b>2018</b> , 121, 162002	7.4	54
444	Measurement of the CKM angle $\beta$ using $B^0 \rightarrow DK^0$ with $D \rightarrow K^0 S \pi^0$ or $D \rightarrow K^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	9
443	Tevatron Run II combination of the effective leptonic electroweak mixing angle. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	15
442	Measurement of $D^0$ production asymmetry in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
441	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> , <b>2018</b> , 121, 091801	7.4	8
440	Measurement of the $\Xi_{cc}^0$ Baryon Lifetime. <i>Physical Review Letters</i> , <b>2018</b> , 121, 092003	7.4	12

439	Evidence for the decay ( $B_{S^0} \rightarrow \overline{K}^0 \mu^+ \mu^-$ ). <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	15
438	Measurement of CP asymmetries in two-body B(s)0-meson decays to charged pions and kaons. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	13
437	Observation of the decay $D_b \rightarrow (D_S) p$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	5
436	Measurement of the CP asymmetry in $B \rightarrow D \bar{K} D^0$ and $B \rightarrow D D^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	1
435	Search for CP violation using triple product asymmetries in $D_b \rightarrow p \bar{K}^0 D^0$ and $D_b \rightarrow p \bar{K}^+ K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	7
434	Updated determination of $D^0 \bar{D}^0$ mixing and CP violation parameters with $D^0 \rightarrow K^+ \bar{K}^-$ decays. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	11
433	Search for the rare decay $B^+ \rightarrow p \bar{K}^0$ . <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	9
432	Search for the Exotic Meson X(5568) with the Collider Detector at Fermilab. <i>Physical Review Letters</i> , <b>2018</b> , 120, 202006	7.4	27
431	Search for weakly decaying b-flavored pentaquarks. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	5
430	First observation of $B^+ \rightarrow D^+ s K^+ K^-$ decays and a search for $B^+ \rightarrow D^+ s ?$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
429	Measurements of the branching fractions of $\bar{K}^+ \rightarrow p \bar{K}^0$ , $\bar{K}^+ \rightarrow p \bar{K}^+ K^0$ , and $\bar{K}^+ \rightarrow p \bar{K}^+$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018,	5.4	8
428	Measurement of CP violation in $B^0 \rightarrow D^0 \bar{K}^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	2
427	Amplitude Analysis of the Decay $B^0 \rightarrow K_{S^0}^+ \bar{K}^0$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K^{*0} \bar{K}^0$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 261801	7.4	7
426	Search for the CP-violating strong decays $B^0 \rightarrow \bar{K}^0 \bar{K}^0$ and $\bar{K}^0(958) \rightarrow \bar{K}^0 \bar{K}^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 764, 233-240	4.2	7
425	Search for the suppressed decays $B^+ \rightarrow K^+ K^+ \bar{K}^0$ and $B^+ \rightarrow \bar{K}^0 K^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 765, 307-316	4.2	8
424	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , <b>2017</b> , 13, 391-396.	6.2	45
423	Amplitude analysis of $B^+ \rightarrow J/\psi K^+$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	56
422	Observation of $J/\psi$ Structures Consistent with Exotic States from Amplitude Analysis of $B^+ \rightarrow J/\psi K^+$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 022003	7.4	98

421	Observation of the Annihilation Decay Mode $B^0 \rightarrow K^+ K^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 081801	7.4	14	18
420	First Experimental Study of Photon Polarization in Radiative $B_{s^0}$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 021801	7.4		16
419	Measurement of forward $t\bar{t}$ , $W+bb$ and $W+cc$ production in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 767, 110-120	4.2		4
418	Observation of the decay $B_{s0} \rightarrow \mu^+ \mu^-$ and evidence for $B^0 \rightarrow \mu^+ \mu^-$ . <i>Physical Review D</i> , <b>2017</b> , 95,	4.9		17
417	Measurement of the b-Quark Production Cross Section in 7 and 13 TeV pp Collisions. <i>Physical Review Letters</i> , <b>2017</b> , 118, 052002	7.4		36
416	Measurement of the phase difference between short- and long-distance amplitudes in the $B^0 \rightarrow \pi^+ \pi^-$ decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 161	4.2		25
415	Study of the $D^0 \rightarrow \pi^+ \pi^-$ amplitude in $B \rightarrow D^0 \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4		33
414	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 224	4.2		35
413	Observation of $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>European Physical Journal C</i> , <b>2017</b> , 77, 72	4.2		4
412	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 767, 177-187	4.2		11
411	Observation of the Decay $B^0 \rightarrow \pi^+ \pi^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 071801	7.4		7
410	Search for long-lived scalar particles in $B^+ \rightarrow K^+ \pi^0$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9		48
409	Study of prompt $D^0$ meson production in pPb collisions at $(\sqrt{s_{\text{N}}})=5$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4		27
408	Prompt and nonprompt $J/\psi$ production and nuclear modification in pPb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 774, 159-178	4.2		26
407	Observation of charmless baryonic decays $B(s)0 \rightarrow p\bar{p}h$ . <i>Physical Review D</i> , <b>2017</b> , 96,	4.9		5
406	Study of charmonium production in $\pi$ -hadron decays and first evidence for the decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 609	4.2		10
405	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 678	4.2		7
404	Observation of the $Y(4140)$ structure in the $J/\psi$ mass spectrum in $B^0 \rightarrow J/\psi K^0$ decays. <i>Modern Physics Letters A</i> , <b>2017</b> , 32, 1750139	1.3		27



403	Observation of $B_{c^+} \rightarrow J/\psi D^{(*)} K^{(*)}$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	8
402	Measurements of charm mixing and CP violation using $D_0 \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	8
401	Measurement of the $B_{\pi^0}$ production asymmetry and the CP asymmetry in $B_{\pi^0} \rightarrow J/\psi K_S^0$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	6
400	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> , <b>2017</b> , 2017, 1	5.4	2
399	An artificial retina processor for track reconstruction at the LHC crossing rate. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 898, 032038	0.3	
398	Search for the $B^0 \rightarrow \eta' \pi^0$ decay. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	1
397	Observation of the decay $\Lambda_b^0 \rightarrow p K_S^0 \pi^0$ and a search for CP violation. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	5
396	Measurement of $B_{\pi^0}$ and $D_{\pi^0}$ Meson Lifetimes. <i>Physical Review Letters</i> , <b>2017</b> , 119, 101801	7.4	10
395	Observation of the Doubly Charmed Baryon $\Xi_{cc}^{++}$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 112001	7.4	257
394	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> , <b>2017</b> , 118, 261803	7.4	11
393	Observation of $B_{\pi^0} \rightarrow D^0 K^+$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 111803	7.4	13
392	Observation of Five New Narrow $\chi_{c0}$ States Decaying to $\chi_{c0} K^+$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 182001	7.4	154
391	Measurement of CP asymmetries in $D_{\pi^0} \rightarrow \pi^0$ and $D_{s\pi^0} \rightarrow \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 771, 21-30	4.2	6
390	Observation of $\psi(2S) \rightarrow p\bar{p}$ and search for $X(3872) \rightarrow p\bar{p}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 769, 305-313	4.2	16
389	Observation of the $B_{\pi^0} \rightarrow J/\psi K_S^0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 772, 265-273	4.2	15
388	Measurement of the $B_{\pi^0} \rightarrow \pi^+ \pi^-$ Branching Fraction and Effective Lifetime and Search for $B^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 191801	7.4	106
387	Study of $J/\psi$ Production in Jets. <i>Physical Review Letters</i> , <b>2017</b> , 118, 192001	7.4	20
386	Observation of the Decays $\Lambda_b^0 \rightarrow \Lambda_c^+ p K^-$ and $\Lambda_b^0 \rightarrow \Lambda_c^+ p K^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 062001	7.4	22

385	Observation of the $B^+ \rightarrow D^* K^+$ decay. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	2
384	Search for the Decays $B_{s^0} \rightarrow \bar{D}^+ D^-$ and $B^0 \rightarrow \bar{D}^+ D^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 251802	7.4	40
383	Measurement of the shape of the $B^0 \rightarrow \bar{D}^+ D^-$ differential decay rate. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	23
382	Observation of the suppressed decay $B^0 \rightarrow \rho^+ \pi^-$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	10
381	Test of lepton universality with $B^0 \rightarrow K^* \ell^+ \ell^-$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	298
380	$\chi^2$ and $\chi^2$ Resonance Parameters with the Decays $\chi^2 \rightarrow J/\psi \ell^+ \ell^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 221801	7.4	8
379	Observation of $D^0$ Meson Decays to $\bar{D}^+ D^-$ and $K^+ K^-$ Final States. <i>Physical Review Letters</i> , <b>2017</b> , 119, 181805	7.4	14
378	Search for Baryon-Number Violating $\chi^0$ Oscillations. <i>Physical Review Letters</i> , <b>2017</b> , 119, 181807	7.4	1
377	Measurement of the $J/\psi$ pair production cross-section in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	25
376	New algorithms for identifying the flavour of [Formula: see text] mesons using pions and protons. <i>European Physical Journal C</i> , <b>2017</b> , 77, 238	4.2	4
375	Measurements of prompt charm production cross-sections in pp collisions at $s = 5 \sqrt{s}=5$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	16
374	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> , <b>2017</b> , 769, 345-356	4.2	7
373	Evidence for the two-body charmless baryonic decay ( $\Lambda_b^+ \rightarrow p \bar{\Lambda}$ ). <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	4
372	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow p \bar{p}$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 232001	7.4	4
371	Resonances and CP violation in $B^0$ and ( $\bar{B}_s^0 \rightarrow J/\psi K^+ K^-$ ) decays in the mass region above the $\psi(1020)$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	13
370	Study of ( $\overline{\text{b}} \text{b}$ ) correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	5
369	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> , <b>2017</b> , 2017, 1	5.4	4
368	Measurement of $B^0$ , $B_s^0$ , $B^+$ and $\bar{B}^0$ production asymmetries in 7 and 8 TeV proton-proton collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 774, 139-158	4.2	10

367	Measurement of the D <sup>+</sup> -meson production cross section at low transverse momentum in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	1
366	Measurement of CP violation in B <sup>0</sup> → J/ψ K <sup>0</sup> and B <sup>0</sup> → ψ(2S) K <sup>0</sup> decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	2
365	First Observation of a Baryonic B <sub>s</sub> <sup>0</sup> Decay. <i>Physical Review Letters</i> , <b>2017</b> , 119, 041802	7.4	10
364	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2017</b> , 77, 812	4.2	23
363	Updated branching fraction measurements of B ( s ) <sup>0</sup> → K S <sup>0</sup> h+h <sup>±</sup> decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	4
362	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	7
361	Observation of the decay B s <sup>0</sup> → τ <sup>±</sup> and evidence for B s <sup>0</sup> → τ <sup>±</sup> μ <sup>∓</sup> . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	6
360	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> , <b>2017</b> , 2017, 1	5.4	3
359	Measurement of the B <sub>s</sub> <sup>0</sup> production cross-section in pp collisions at s = 7 TeV and 13 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	8
358	Measurement of the Y(nS) polarizations in pp collisions at ( sqrt{s}=7 ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	6
357	First Results of an Artificial Retinal Processor Prototype. <i>EPJ Web of Conferences</i> , <b>2016</b> , 127, 00005	0.3	5
356	Search for Structure in the B <sub>s</sub> <sup>0</sup> Invariant Mass Spectrum. <i>Physical Review Letters</i> , <b>2016</b> , 117, 152003	7.4	64
355	Differential branching fraction and angular moments analysis of the decay B <sup>0</sup> → K <sup>+</sup> K <sup>0</sup> in the K <sup>0</sup> (1430) region. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	11
354	Chromatic Information and Feature Detection in Fast Visual Analysis. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159898	3.7	1
353	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , <b>2016</b> , 76, 664	4.2	16
352	Measurement of the CKM angle φ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	23
351	Measurements of the S-wave fraction in B <sup>0</sup> → K <sup>+</sup> K <sup>0</sup> decays and the B <sup>0</sup> → K <sup>*</sup> (892) <sup>0</sup> K <sup>±</sup> differential branching fraction. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	48
350	Amplitude analysis of B <sub>s</sub> <sup>0</sup> → D <sup>±</sup> decays. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	45

349	Study of $B_c^+$ decays to the $K+K^*$ final state and evidence for the decay $B_c^+ \rightarrow \bar{D}^0 \pi^+$ . <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	17
348	Measurement of CP Violation in $B^0 \rightarrow D^+ D^-$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 261801	7.4	6
347	Measurement of the $B_s^0 \rightarrow J/\psi$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 762, 484-492	4.2	4
346	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> , <b>2016</b> , 762, 253-262	4.2	13
345	Measurements of long-range near-side angular correlations in $\sqrt{s_{NN}}=5$ TeV proton-lead collisions in the forward region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 762, 473-483	4.2	32
344	Study of $J/\psi$ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	60
343	Measurement of the $\bar{B}$ and $B$ baryon lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 154-162	4.2	10
342	Effective lifetime measurements in the $B_s^0 \rightarrow K^+ K^- B^0 \rightarrow K^+ \pi^-$ and $B_s^0 \rightarrow \pi^+ K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 446-454	4.2	9
341	Measurement of the CP-violating phase $\phi_s$ in $B_s^0 \rightarrow J/\psi \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 186-195	4.2	33
340	Evidence for the decay $\Lambda_b^0 \rightarrow \bar{D}^0 \pi^+$ . <i>Nuclear Physics B</i> , <b>2014</b> , 886, 665-680	2.8	79
339	Searches for $(\Lambda_b^0)$ and $(\Xi_b^0)$ decays to $(K_{\text{matrix}}^0 p \pi^+)$ and $(K_{\text{matrix}}^0 p \pi^0)$ final states with first observation of the $(\Lambda_b^0 \rightarrow K_{\text{matrix}}^0 p \pi^+)$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	18
338	Measurements of the $B^+$ , $B^0$ , $B_s^0$ meson and $\Lambda_b^0$ baryon lifetimes. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014,	5.4	22
337	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow K^*(892)^0$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	8
336	Angular analysis of charged and neutral $B \rightarrow K^* \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	18
335	Evidence for the decay $(B_{\text{matrix}}^+ \rightarrow \psi(2S) \pi^+)$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	16
334	Differential branching fractions and isospin asymmetries of $B \rightarrow K^* \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	142
333	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	42
332	Study of $(\Upsilon)$ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	27

331	Study of the kinematic dependences of $\Upsilon(4S)$ $b$ production in $pp$ collisions and a measurement of the $\Upsilon(4S) \rightarrow b\bar{c}c$ branching fraction. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	30
330	Observation of $Z$ production in proton-lead collisions at LHCb. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	15
329	Measurement of $\Upsilon(4S)$ production in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74,	4.2	23
328	Measurement of the $B_c$ meson lifetime using $B_c \rightarrow \tau \nu$ decays. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2839	4.2	32
327	Measurement of $B_c$ polarisation in $pp$ collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2872	4.2	35
326	Measurement of charged particle multiplicities and densities in $pp$ collisions at $\sqrt{s} = 7$ TeV in the forward region. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2888	4.2	20
325	Search for the decay $B_c \rightarrow \tau \nu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 234-243	4.2	8
324	Indirect measurement of $\sin 2\alpha$ (or $M_W$ ) using $B_c$ pairs from $Z$ bosons produced in $pp$ collisions at a center-of-momentum energy of 1.96 TeV. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	16
323	Search for CP violation in the decay $B_c \rightarrow \tau \nu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 585-595	4.2	15
322	Measurement of the charge asymmetry in $B_c \rightarrow \tau \nu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 85-94	4.2	10
321	Observation of the resonant character of the $Z(4430)^{-}$ state. <i>Physical Review Letters</i> , <b>2014</b> , 112, 222002	7.4	234
320	Observation of photon polarization in the $b \rightarrow s$ transition. <i>Physical Review Letters</i> , <b>2014</b> , 112, 161801	7.4	29
319	Observation of $s$ -channel production of single top quarks at the Tevatron. <i>Physical Review Letters</i> , <b>2014</b> , 112, 231803	7.4	40
318	Precision measurement of the ratio of the $B_c$ branching fractions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 734, 122-130	4.2	43
317	Updated measurements of exclusive $J/\psi$ and $\psi(2S)$ production cross-sections in $pp$ collisions at $\sqrt{s} = 7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2014</b> , 41, 055002	2.9	83
316	Mass and lifetime measurements of bottom and charm baryons in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	18
315	Measurement of the $ZZ$ production cross section using the full CDF II data set. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	7
314	Invariant-mass distribution of jet pairs produced in association with a $W$ boson in $pp$ collisions at $\sqrt{s} = 1.96$ TeV using the full CDF Run II data set. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	5

313	Combination of measurements of the top-quark pair production cross section from the Tevatron Collider. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	47
312	First measurement of the charge asymmetry in beauty-quark pair production. <i>Physical Review Letters</i> , <b>2014</b> , 113, 082003	7.4	15
311	Search for new physics in trilepton events and limits on the associated chargino-neutralino production at CDF. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	2
310	Measurement of the inclusive leptonic asymmetry in top-quark pairs that decay to two charged leptons at CDF. <i>Physical Review Letters</i> , <b>2014</b> , 113, 042001	7.4	22
309	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> , <b>2014</b> , 89,	4.9	10
308	First search for exotic Z Boson decays into photons and neutral pions in hadron collisions. <i>Physical Review Letters</i> , <b>2014</b> , 112, 111803	7.4	9
307	Measurement of resonant and CP components in $B_{\text{c}}^0 \rightarrow J/\psi \mu^+ \mu^-$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	54
306	Search for Majorana neutrinos in $B^- \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 131802	7.4	70
305	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> , <b>2014</b> , 112, 221801	7.4	11
304	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> , <b>2014</b> , 112, 231805	7.4	9
303	Evidence for s-channel single-top-quark production in events with one charged lepton and two jets at CDF. <i>Physical Review Letters</i> , <b>2014</b> , 112, 231804	7.4	13
302	Measurement of CP violation in the phase space of $B_{\text{c}}^0 \rightarrow K^+ K^- \mu^+ \mu^-$ and $B_{\text{c}}^0 \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 011801	7.4	61
301	Measurement of the resonant and CP components in $B_{\text{c}}^0 \rightarrow J/\psi \mu^+ \mu^-$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	52
300	Measurement of the $B_{\text{s}}(0) \rightarrow D_{\text{s}} D_{\text{s}}^+$ and $B_{\text{s}}(0) \rightarrow D^- D_{\text{s}}^+$ effective lifetimes. <i>Physical Review Letters</i> , <b>2014</b> , 112, 111802	7.4	12
299	Measurements of indirect CP asymmetries in $D^0 \rightarrow K^- K^+$ and $D^0 \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 041801	7.4	18
298	Precision measurement of the mass and lifetime of the $\Lambda_{\text{b}}(0)$ baryon. <i>Physical Review Letters</i> , <b>2014</b> , 113, 032001	7.4	30
297	Study of orbitally excited B mesons and evidence for a new $B_{\text{c}}$ resonance. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	40
296	Precise measurement of the W-boson mass with the Collider Detector at Fermilab. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	16

295	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , <b>2014</b> , 112,	7.4	21
294	Observation of $B(s)0 \rightarrow J/\psi(1285)$ decays and measurement of the $f_1(1285)$ mixing angle. <i>Physical Review Letters</i> , <b>2014</b> , 112, 091802	7.4	17
293	Measurement of the ratio of $B_c^+$ branching fractions to $J/\psi$ and $J/\psi$ final states. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	23
292	Studies of beauty baryon decays to $D^0 p h^0$ and $\bar{D}^0 h^0$ final states. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	25
291	Faith, folie $\neq$ famille, and mummification: a brief review of the literature and a rare case report. <i>Journal of Forensic Sciences</i> , <b>2014</b> , 59, 274-80	1.8	10
290	Measurement of the flavour-specific CP-violating asymmetry $A_{CP}^{\text{FB}}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 607-615	4.2	31
289	A study of CP violation in $B_{\text{d}}^0 \rightarrow DK_{\text{d}}^0$ and $B_{\text{d}}^0 \rightarrow D_{\text{d}}^0$ decays with $D \rightarrow KS^0 K_{\text{d}}^0$ final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 733, 36-45	4.2	12
288	Study of forward $Z + \text{jet}$ production in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	20
287	Differential branching fraction and angular analysis of the decay $(B_s^0 \rightarrow \psi(3700) \pi^0)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	86
286	Search for CP violation in $D \rightarrow \psi(3700)$ and $(D_s^+ \rightarrow K_S^0 \pi^+)$ decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	14
285	Production of $J/\psi$ and $(\text{varUpsilon})$ mesons in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	58
284	Measurement of the $B^0 \rightarrow K^*0 e^+ e^-$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	22
283	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> , <b>2013</b> , 2013, 1	5.4	4
282	Search for the Higgs boson in the all-hadronic final state using the full CDF data set. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	5
281	Search for $D(s) \rightarrow \psi(3700) \pi$ and $D(s) \rightarrow \psi(3700) K$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 724, 203-212	4.2	30
280	W-boson polarization measurement in the $t\bar{t}$ dilepton channel using the CDF II detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 722, 48-54	4.2	3
279	Model-independent search for CP violation in $B \rightarrow \psi(3700) K$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 623-633	4.2	19
278	Branching fraction and CP asymmetry of the decays $B^+ \rightarrow KS^0 \psi(3700)$ and $B^+ \rightarrow KS^0 K^+$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 646-655	4.2	9

277	Higgs boson studies at the Tevatron. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	73
276	Indirect measurement of $\sin 2\alpha$ (MW) using $e^+e^-$ pairs in the Z-boson region with $pp$ collisions at a center-of-momentum energy of 1.96 TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	14
275	First measurement of time-dependent CP violation in $(B_s^0 \rightarrow K^+ K^-)$ decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	25
274	Study of $B_{(s)}^0 \rightarrow K_{\text{charmless}}^0 h^+ h^-$ decays with first observation of $B_s^0 \rightarrow K_{\text{charmless}}^0 \pi^+ \pi^-$ and $B_s^0 \rightarrow K_{\text{charmless}}^0 \pi^+ \pi^-$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5.4	14
273	Measurement of the relative rate of prompt $\Upsilon(0)$ , $\Upsilon(1)$ and $\Upsilon(2)$ production at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	31
272	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow p \bar{p}$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5.4	7
271	Study of D meson decays to $D^+ D^0$ and $D^* D$ final states in $pp$ collisions. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	69
270	First observation of the decay $(B_c^+ \rightarrow J/\psi K^+)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	36
269	Searches for $(B_{(s)}^0 \rightarrow J/\psi p) \bar{p}$ and $B^+ \rightarrow J/\psi (p) \bar{p}$ decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	6
268	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^* \bar{p} p$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	99
267	Measurement of B meson production cross-sections in proton-proton collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	45
266	Observation of $B_{(s)}^0 \rightarrow \bar{B}_{(s)}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , <b>2013</b> , 73,	4.2	14
265	Search for the doubly charmed baryon $(\Xi_{cc}^+)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	41
264	Measurement of $\rho$ polarization in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2631	4.2	87
263	Observation of the decay $(B_c^+ \rightarrow J/\psi + K^+)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	20
262	First observation of the decay $(B_s^0 \rightarrow \phi \bar{K}^0)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	7
261	Measurement of W-boson polarization in top-quark decay using the full CDF Run II data set. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	15
260	First observation of CP violation in the decays of $B(s)_0$ mesons. <i>Physical Review Letters</i> , <b>2013</b> , 110, 221601	4.4	78



259	Measurement of the effective . <i>Nuclear Physics B</i> , <b>2013</b> , 873, 275-292	2.8	10
258	Observation of the suppressed ADS modes . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 723, 44-53	4.2	14
257	Measurement of the CKM angle $\Gamma$ from a combination of $B_{\mu} \rightarrow D h_{\mu}$ analyses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 151-163	4.2	33
256	Search for direct CP violation in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 723, 33-43	4.2	29
255	Measurements of the $B^0 \rightarrow J/\psi$ decay amplitudes and the $B^0$ polarisation in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 724, 27-35	4.2	41
254	Observation of the decay $B_s^0 \rightarrow D^0 \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 727, 403-411	4.2	13
253	Search for the rare decay $D^0 \rightarrow \pi^0 \pi^0$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 725, 15-24	4.2	23
252	Measurement of the differential branching fraction of the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 725, 25-35	4.2	29
251	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> , <b>2013</b> , 724, 36-45	4.2	27
250	Observation of . <i>Nuclear Physics B</i> , <b>2013</b> , 874, 663-678	2.8	8
249	Observations of . <i>Nuclear Physics B</i> , <b>2013</b> , 871, 403-419	2.8	16
248	Precision measurement of the $B^0_s \overline{B}^0_s$ oscillation frequency with the decay $B^0_s \rightarrow D^0 \pi^0$ . <i>New Journal of Physics</i> , <b>2013</b> , 15, 053021	2.9	49
247	Search for the lepton-flavor-violating decays $B(s)^0 \rightarrow e(\mu)\tau$ and $B^0 \rightarrow e(\mu)\tau$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 141801	7.4	25
246	Precision measurement of the $B(0)$ baryon lifetime. <i>Physical Review Letters</i> , <b>2013</b> , 111, 102003	7.4	32
245	Measurement of CP violation and the $B_s^0$ meson decay width difference with $B_s^0 \rightarrow J/\psi + K^{\pm}$ and $B_s^0 \rightarrow J/\psi + \pi^{\pm}$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	66
244	Measurement of $D^0$ - $\overline{D}^0$ mixing parameters and search for CP violation using $D^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 111, 251801	7.4	34
243	Combination of searches for the Higgs boson using the full CDF data set. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	14
242	First observations of $B_{\mu}^0 \rightarrow D^+ D_{\mu}^-$ and $D^0 D^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	19

241	Measurement of the CP asymmetry in $B(+)\rightarrow K(+)(\ell^+)(\ell^-)$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 111, 151801	7.4	11
240	First measurement of the CP-violating phase in $B_s(0)\rightarrow??$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 110, 241802	7.4	14
239	Determination of the X(3872) meson quantum numbers. <i>Physical Review Letters</i> , <b>2013</b> , 110, 222001	7.4	234
238	Measurement of the mass difference between top and antitop quarks. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	9
237	Measurement of the branching fractions of the decays $B_s0\rightarrow D^0K^0$ and $B0\rightarrow D^0K^0$ <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	16
236	Observation of the decay $B(c)(+)\rightarrow B(s)(0)$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 181801	7.4	55
235	Search for the decay $B_s0\rightarrow D^*\ell$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	6
234	Search for supersymmetry with like-sign lepton-tau events at CDF. <i>Physical Review Letters</i> , <b>2013</b> , 110, 201802	7.4	4
233	Measurement of the polarization amplitudes in $B0\rightarrow J/\psi(892)0$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	15
232	Searches for the Higgs boson decaying to $W+W\ell\ell$ with the CDF II detector. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	6
231	Measurement of CP violation in the phase space of $B_{\mu}^0\rightarrow K_{\mu}^0$ and $B_{\mu}^0\rightarrow K_{\mu}^0 K^+ K^-$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101801	7.4	70
230	Observation of $D^0$ - $\bar{D}^0$ mixing using the CDF II detector. <i>Physical Review Letters</i> , <b>2013</b> , 111, 231802	7.4	20
229	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> , <b>2013</b> , 87,	4.9	12
228	Observation of the decay $B_{c^+}\rightarrow(\psi S)$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	28
227	Measurement of form-factor-independent observables in the decay $B0\rightarrow K(^*0)(\ell^+)(\ell^-)$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 191801	7.4	314
226	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> , <b>2013</b> , 88,	4.9	11
225	Combination of CDF and D0 W-Boson mass measurements. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	39
224	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> , <b>2013</b> , 88,	4.9	2

223	Observation of $B_{c^{++}} \rightarrow J/\psi D_{s^{+}}$ and $B_{c^{++}} \rightarrow J/\psi D_{s^{*+}}$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	46
222	Measurement of the cross section for prompt isolated diphoton production using the full CDF run II data sample. <i>Physical Review Letters</i> , <b>2013</b> , 110, 101801	7.4	16
221	Studies of the decays $B^{+-} \rightarrow \rho^{\pm} h^{+}$ and observation of $B^{+-} \rightarrow \omega(1520) p$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	11
220	Production of $K_S^0$ , $K^{*0}(892)$ and $\phi(1020)$ in minimum bias events and $K_S^0$ and $\phi$ in jets in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	5
219	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> , <b>2013</b> , 88,	4.9	4
218	Observation of a resonance in $B^{+} \rightarrow K^{+} \phi$ decays at low recoil. <i>Physical Review Letters</i> , <b>2013</b> , 111, 112003,	7.4	43
217	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> , <b>2013</b> , 111, 042003	7.4	21
216	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> , <b>2013</b> , 111, 031802	7.4	25
215	Measurement of the $B_c$ meson lifetime in the decay $B_c \rightarrow J/\psi$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	15
214	First observation of $B_{D^*}^0 \rightarrow J/\psi K^0$ and search for $B_{D^*}^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	14
213	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> , <b>2013</b> , 111, 101805	7.4	221
212	Top-quark mass measurement in events with jets and missing transverse energy using the full CDF data set. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	11
211	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> , <b>2013</b> , 111, 182002	7.4	21
210	Evidence for a bottom baryon resonance $B^*0$ in CDF data. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	24
209	Search for $B_{D^*}^0 \rightarrow \mu^+ \mu^-$ and $B_0 \rightarrow \mu^+ \mu^-$ decays with the full CDF Run II data set. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	16
208	Measurement of the leptonic asymmetry in $t\bar{t}$ events produced in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	29
207	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	96
206	Exclusion of exotic top-like quarks with $2/3$ electric charge using jet-charge tagging in single-lepton $t\bar{t}$ events at CDF. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	16

205	Observation of the production of a W boson in association with a single charm quark. <i>Physical Review Letters</i> , <b>2013</b> , 110, 071801	7.4	20
204	Direct measurement of the total decay width of the top quark. <i>Physical Review Letters</i> , <b>2013</b> , 111, 202001.4	7.4	27
203	Search for the production of ZW and ZZ boson pairs decaying into charged leptons and jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	4
202	Search for resonant top-antitop production in the lepton plus jets decay mode using the full CDF data set. <i>Physical Review Letters</i> , <b>2013</b> , 110, 121802	7.4	15
201	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> , <b>2013</b> , 110, 121801	7.4	4
200	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> , <b>2013</b> , 87,	4.9	14
199	Information and perception of meaningful patterns. <i>PLoS ONE</i> , <b>2013</b> , 8, e69154	3.7	8
198	An additional study of multi-muon events produced in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 710, 278-283	4.2	
197	Review of Particle Physics*. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	4786
196	Search for scalar top quark production in ( $\bar{p}p$ ) collisions at ( $\sqrt{s}=1.96$ ; $\text{TeV}$ ). <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	16
195	Measurement of the branching fraction $B(B^0 \rightarrow \bar{D}^0 \mu^+ \mu^-)$ at CDF. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	4
194	Search for WZ+ZZ production with missing transverse energy+jets with b enhancement at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	4
193	Search for standard model Higgs boson production in association with a W boson at CDF. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	3
192	Measurement of CP-violating asymmetries in $D^0 \rightarrow \bar{D}^0 \mu^+ \mu^-$ and $D^0 \rightarrow K^+ K^- \mu^+ \mu^-$ decays at CDF. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	57
191	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> , <b>2012</b> , 85,	4.9	3
190	Search for Higgs bosons produced in association with b quarks. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	23
189	Measurement of the masses and widths of the bottom baryons $\Lambda_b^0$ and $\Lambda_b^{*0}$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	22
188	Search for high-mass resonances decaying into ZZ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	11

187	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> , <b>2012</b> , 714, 24-31	4.2	15
186	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> , <b>2012</b> , 715, 98-104	4.2	2
185	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> , <b>2012</b> , 717, 173-181	4.2	14
184	Precise measurement of the W-boson mass with the CDF II detector. <i>Physical Review Letters</i> , <b>2012</b> , 108, 151803	7.4	74
183	Genotypic resistance profiles associated with virological failure to darunavir-containing regimens: a cross-sectional analysis. <i>Infection</i> , <b>2012</b> , 40, 311-8	5.8	17
182	Measurements of the angular distributions of muons from $\tau$ decays in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 151802	7.4	37
181	Search for a Higgs boson in the diphoton final state in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 011801	7.4	5
180	Transverse momentum cross section of $e+e\tau$ pairs in the Z-boson region from $pp\tau$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	24
179	Observation of exclusive $\tau$ production in $pp\tau$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 081801	7.4	30
178	Combination of the top-quark mass measurements from the Tevatron collider. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	104
177	Search for the standard model Higgs boson decaying to a $bb$ pair in events with no charged leptons and large missing transverse energy using the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 111805	7.4	12
176	Search for the standard model Higgs boson decaying to a $bb$ pair in events with two oppositely charged leptons using the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 111803	7.4	25
175	Measurement of ZZ production in leptonic final states at $\sqrt{s}$ of 1.96 TeV at CDF. <i>Physical Review Letters</i> , <b>2012</b> , 108, 101801	7.4	20
174	Search for a heavy vector boson decaying to two gluons in $pp\tau$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	2
173	Production of $\Lambda$ , $\Sigma$ , $\Xi$ , and $\Xi$ hyperons in $pp\tau$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	2
172	Search for a low-mass standard model Higgs boson in the $\tau$ decay channel in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 108, 181804	7.4	12
171	Diffraction dijet production in $p\tau p$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	17
170	Precision top-quark mass measurement at CDF. <i>Physical Review Letters</i> , <b>2012</b> , 109, 152003	7.4	36

169	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> , <b>2012</b> , 109, 192001	7.4	11
168	Search for the rare radiative decay $W \rightarrow \nu n$ in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	5
167	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> , <b>2012</b> , 108, 211804	7.4	63
166	Study of substructure of high transverse momentum jets produced in proton-antiproton collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	21
165	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> , <b>2012</b> , 85,	4.9	8
164	Search for anomalous production of multiple leptons in association with W and Z bosons at CDF. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	5
163	Combination of CDF and D0 measurements of the W boson helicity in top quark decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	34
162	Search for heavy metastable particles decaying to jet pairs in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	14
161	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> , <b>2012</b> , 108, 211805	7.4	11
160	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> , <b>2012</b> , 109, 111801	7.4	77
159	Measurement of the bottom-strange meson mixing phase in the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 171802	7.4	46
158	Novel inclusive search for the Higgs boson in the four-lepton final state at CDF. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	7
157	Measurements of the angular distributions in the decays $B \rightarrow K^{(*)} \ell^+ \ell^-$ at CDF. <i>Physical Review Letters</i> , <b>2012</b> , 108, 081807	7.4	89
156	Search for the standard model Higgs boson produced in association with a $W$ boson with $7.5 \text{ fb}^{-1}$ integrated luminosity at CDF. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	8
155	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> , <b>2012</b> , 109, 111804	7.4	25
154	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> , <b>2012</b> , 108, 201802	7.4	15
153	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> , <b>2012</b> , 109, 071804	7.4	175
152	Combined search for the standard model Higgs boson decaying to a $b\bar{b}$ pair using the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 111802	7.4	22

151	Measurement of the WZ cross section and triple gauge couplings in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	24
150	Measurement of $B_s^0 \rightarrow D_s^{(*)} + D_s^{(*)-}$ branching ratios. <i>Physical Review Letters</i> , <b>2012</b> , 108, 201801	7.4	15
149	Measurement of CP-violation asymmetries in $D^0 \rightarrow K_S^0 \pi^+ \pi^-$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	10
148	Search for the standard model Higgs Boson produced in association with top quarks using the full CDF data set. <i>Physical Review Letters</i> , <b>2012</b> , 109, 181802	7.4	13
147	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	16
146	Evidence for the charmless annihilation decay mode $B(s)(0) \rightarrow [q^+][\bar{q}]$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 211803	7.4	32
145	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	219
144	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> , <b>2011</b> , 71, 1	4.2	1
143	Measurements of the properties of $\Xi(2595)$ , $\Xi(2625)$ , $\Xi(2455)$ , and $\Xi(2520)$ baryons. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	42
142	Search for Randall-Sundrum gravitons in the diphoton channel at CDF. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	16
141	Measurement of branching ratio and $B_s^0$ lifetime in the decay $B_s^0 \rightarrow J/\psi(980)$ at CDF. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	46
140	Top quark mass measurement using the template method at CDF. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	22
139	Measurement of $t\bar{t}$ spin correlation in pp collisions using the CDF II detector at the Tevatron. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	42
138	Search for $B(s)(0) \rightarrow \mu^+ \mu^-$ and $B(0) \rightarrow \mu^+ \mu^-$ decays with CDF II. <i>Physical Review Letters</i> , <b>2011</b> , 107, 191801	7.4	64
137	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> , <b>2011</b> , 84,	4.9	7
136	Search for the Higgs boson in the all-hadronic final state using the CDF II detector. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	3
135	Search for resonant production of $t\bar{t}$ pairs in 4.8 fb of integrated luminosity of pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	16
134	Measurement of event shapes in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	11

133	Measurement of the $t\bar{t}$ production cross section with an in situ calibration of b-jet identification efficiency. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	5
132	A statistical prescription to estimate properly normalized distributions of different particle species. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 640, 219-224	1.2	
131	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> , <b>2011</b> , 698, 371-379	4.2	8
130	Measurement of the forward-backward asymmetry in the $B \rightarrow K^*(\mu)\tau$ decay and first observation of the $B(s)0 \rightarrow \tau^+\tau^-$ decay. <i>Physical Review Letters</i> , <b>2011</b> , 106, 161801	7.4	37
129	Search for a heavy toplike quark in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 261801	7.4	28
128	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> , <b>2011</b> , 106, 171801	7.4	105
127	Measurement of the $B$ lifetime using a simulation free approach for trigger bias correction. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	7
126	Search for a new heavy gauge boson $W'$ with event signature electron+missing transverse energy in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	22
125	Search for heavy bottomlike quarks decaying to an electron or muon and jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 106, 141803	7.4	50
124	Measurement of b hadron lifetimes in exclusive decays containing a $J/\psi$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 106, 121804	7.4	23
123	Search for New $T'$ particles in final states with large jet multiplicities and missing transverse energy in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 191803	7.4	23
122	Search for new heavy particles decaying to $ZZ \rightarrow 4l, lljj$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	7
121	Measurement of the top pair production cross section in the lepton+jets channel using a jet flavor discriminant. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	10
120	Search for resonant production of $t\bar{t}$ decaying to jets in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	13
119	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV using events with large missing transverse energy and jets. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	6
118	Measurement of the $B(s)0$ lifetime in fully and partially reconstructed $B(s)0 \rightarrow D(s)(\mu)\tau X$ decays in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 272001	7.4	11
117	First search for multijet resonances in $\sqrt{s}=1.96$ TeV pp collisions. <i>Physical Review Letters</i> , <b>2011</b> , 107, 042001	7.4	35
116	Measurement of the cross section for prompt isolated diphoton production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 102003	7.4	7



115	Limits on anomalous trilinear gauge couplings in $Z\gamma$ events from $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2011</b> , 107, 051802	7.4	24
114	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> , <b>2011</b> , 106, 191801	7.4	23
113	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> , <b>2011</b> , 106, 241801	7.4	38
112	Evidence for $t\bar{t}$ production and measurement of $\sigma(t\bar{t})/\sigma_{\text{SM}}$ <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	22
111	Measurement of the cross section for prompt isolated diphoton production in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	15
110	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> , <b>2011</b> , 107, 031801	7.4	11
109	Observation of the baryonic flavor-changing neutral current decay $B(0)\rightarrow\mu\mu$ <i>Physical Review Letters</i> , <b>2011</b> , 107, 201802	7.4	95
108	Publisher's Note: Search for $B_{s0}\rightarrow\mu\mu$ and $B_0\rightarrow\mu\mu$ Decays with CDF II [Phys. Rev. Lett. 107, 191801 (2011)]. <i>Physical Review Letters</i> , <b>2011</b> , 107,	7.4	34
107	Observation of $B_{s0}\rightarrow J/\psi(892)0$ and $B_{s0}\rightarrow J/\psi S_0$ decays. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	20
106	Measurements of branching fraction ratios and CP-asymmetries in suppressed $B\rightarrow D(-\rightarrow K+K)$ and $B\rightarrow D(-\rightarrow K+\mu)$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	15
105	Search for new dielectron resonances and Randall-Sundrum gravitons at the collider detector at Fermilab. <i>Physical Review Letters</i> , <b>2011</b> , 107, 051801	7.4	19
104	Top-quark mass measurement using events with missing transverse energy and jets at CDF. <i>Physical Review Letters</i> , <b>2011</b> , 107, 232002	7.4	7
103	Measurements of direct CP violating asymmetries in charmless decays of strange bottom mesons and bottom baryons. <i>Physical Review Letters</i> , <b>2011</b> , 106, 181802	7.4	41
102	Observation of the $\Lambda(b)0$ baryon. <i>Physical Review Letters</i> , <b>2011</b> , 107, 102001	7.4	24
101	Measurement of the mass difference between $t$ and $\bar{t}$ quarks. <i>Physical Review Letters</i> , <b>2011</b> , 106, 152001	7.4	24
100	Search for new physics in high $p_T$ like-sign dilepton events at CDF II. <i>Physical Review Letters</i> , <b>2011</b> , 107, 181801	7.4	16
99	Search for high mass resonances decaying to muon pairs in $\sqrt{s}=1.96$ TeV $pp$ collisions. <i>Physical Review Letters</i> , <b>2011</b> , 106, 121801	7.4	26
98	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> , <b>2010</b> , 105, 191801	7.4	17

97	Search for technicolor particles produced in association with a W Boson at CDF. <i>Physical Review Letters</i> , <b>2010</b> , 104, 111802	7.4	6
96	Inclusive search for standard model Higgs boson production in the WW decay channel using the CDF II detector. <i>Physical Review Letters</i> , <b>2010</b> , 104, 061803	7.4	35
95	Measurement of the $\Lambda_{b0}$ lifetime in $\Lambda_{b0} \rightarrow \Lambda_{b0}^+ \pi^-$ decays in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , <b>2010</b> , 104, 102002	7.4	24
94	Search for the production of scalar bottom quarks in pp collisions at square root( $s$ ) = 1.96 TeV. <i>Physical Review Letters</i> , <b>2010</b> , 105, 081802	7.4	23
93	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> , <b>2010</b> , 104, 251801	7.4	27
92	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> , <b>2010</b> , 105, 251802	7.4	9
91	Measurement of the $W^+ W^-$ production cross section and search for anomalous $WW$ and $WWZ$ couplings in pp collisions at square root( $s$ )=1.96 TeV. <i>Physical Review Letters</i> , <b>2010</b> , 104, 201801	7.4	55
90	Measurement of the $WW + WZ$ production cross section using the lepton + jets final state at CDF II. <i>Physical Review Letters</i> , <b>2010</b> , 104, 101801	7.4	21
89	Exclusion of an exotic top quark with $-4/3$ electric charge using soft lepton tagging. <i>Physical Review Letters</i> , <b>2010</b> , 105, 101801	7.4	14
88	Measurement of W-boson polarization in Top-Quark Decay in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2010</b> , 105, 042002	7.4	30
87	Search for the Higgs boson using neural networks in events with missing energy and b-quark jets in pp collisions at square root( $s$ ) = 1.96 TeV. <i>Physical Review Letters</i> , <b>2010</b> , 104, 141801	7.4	10
86	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> , <b>2010</b> , 104, 131801	7.4	32
85	Measurement of the top quark mass and $pp \rightarrow t\bar{t}$ cross section in the all-hadronic mode with the CDF II detector. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	25
84	Measurement of the $WW+WZ$ production cross section using a matrix element technique in lepton+jets events. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	8
83	Search for WW and WZ resonances decaying to electron, missing $E(T)$ , and two jets in pp collisions at square root( $s$ ) = 1.96 TeV. <i>Physical Review Letters</i> , <b>2010</b> , 104, 241801	7.4	26
82	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> , <b>2010</b> , 105, 012001	7.4	54
81	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> , <b>2010</b> , 105, 131801	7.4	8
80	Search for supersymmetry with gauge-mediated breaking in diphoton events with missing transverse energy at CDF II. <i>Physical Review Letters</i> , <b>2010</b> , 104, 011801	7.4	31

79	Search for new bottomlike quark pair decays $QQ \rightarrow (tW^{+})(-)(tW^{+})(-)$ in same-charge dilepton events. <i>Physical Review Letters</i> , <b>2010</b> , 104, 091801	7.4	70
78	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> , <b>2010</b> , 105, 252001	7.4	34
77	Triggering on Heavy Flavors at Hadron Colliders. <i>Annual Review of Nuclear and Particle Science</i> , <b>2010</b> , 60, 595-614	15.7	22
76	Combination of Tevatron searches for the standard model Higgs boson in the $W+W-$ decay mode. <i>Physical Review Letters</i> , <b>2010</b> , 104, 061802	7.4	104
75	Diffractional W and Z production at the Fermilab Tevatron. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	23
74	Direct top-quark width measurement at CDF. <i>Physical Review Letters</i> , <b>2010</b> , 105, 232003	7.4	23
73	Search for the supersymmetric partner of the top quark in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	19
72	Observation of single top quark production and measurement of $ V_{tb} $ with CDF. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	74
71	Studying the underlying event in Drell-Yan and high transverse momentum jet production at the Tevatron. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	45
70	Study of the associated production of photons and b-quark jets in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	20
69	Measurement of $Z\bar{\nu}\nu$ production in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	7
68	Search for anomalous production of events with two photons and additional energetic objects at CDF. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	12
67	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> , <b>2010</b> , 81,	4.9	6
66	Measurement of the top pair production cross section in the dilepton decay channel in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	28
65	Measurement of the top quark mass in the dilepton channel using $m_{T2}$ at CDF. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	21
64	Measurements of branching fraction ratios and CP asymmetries in $B_{\mu} \rightarrow DCPK_{\mu}$ decays in hadron collisions. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	21
63	Updated search for the flavor-changing neutral-current decay $D_0 \rightarrow \mu\bar{\mu}$ in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	7
62	Measurements of the top-quark mass using charged particle tracking. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	19

61	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> , <b>2010</b> , 82,	4.9	31
60	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> , <b>2010</b> , 81,	4.9	15
59	Enhancement of the ATLAS trigger system with a hardware tracker finder FTK. <i>Journal of Instrumentation</i> , <b>2010</b> , 5, C12037-C12037	1	
58	Review of Particle Physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2010</b> , 37, 075021	2.9	4379
57	Search for new color-octet vector particle decaying to . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 691, 183-190	4.2	16
56	Measurement of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 692, 232-239	4.2	63
55	Inclusive search for squark and gluino production in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 121801	7.4	64
54	Search for high-mass resonances decaying to dimuons at CDF. <i>Physical Review Letters</i> , <b>2009</b> , 102, 091805	7.4	83
53	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> , <b>2009</b> , 103, 191802	7.4	17
52	Observation of new charmless decays of bottom hadrons. <i>Physical Review Letters</i> , <b>2009</b> , 103, 031801	7.4	40
51	First observation of vector boson pairs in a hadronic final state at the Tevatron collider. <i>Physical Review Letters</i> , <b>2009</b> , 103, 091803	7.4	18
50	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> , <b>2009</b> , 103, 201801	7.4	33
49	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> , <b>2009</b> , 102, 042001	7.4	15
48	Search for long-lived massive charged particles in 1.96 TeV $pp$ collisions. <i>Physical Review Letters</i> , <b>2009</b> , 103, 021802	7.4	56
47	Search for maximal flavor violating scalars in same-charge lepton pairs in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 041801	7.4	22
46	Direct measurement of the W production charge asymmetry in $pp$ collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 181801	7.4	67
45	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> , <b>2009</b> , 80,	4.9	4
44	Measurement of resonance parameters of orbitally excited narrow B0 mesons. <i>Physical Review Letters</i> , <b>2009</b> , 102, 102003	7.4	32

43	Search for a Higgs boson decaying to two W bosons at CDF. <i>Physical Review Letters</i> , <b>2009</b> , 102, 021802	7.4	19
42	Search for anomalous production of events with a photon, jet, b-quark jet, and missing transverse energy. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	3
41	Search for the production of narrow $t\bar{b}$ resonances in $1.9 \text{ fb}^{-1}$ of $pp$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 041801	7.4	50
40	Evidence for a narrow near-threshold structure in the $J/\psi\text{varphi}$ mass spectrum in $B_{\text{K}}^{\text{+}} \rightarrow J/\psi\text{varphi}K_{\text{K}}^{\text{+}}$ decays. <i>Physical Review Letters</i> , <b>2009</b> , 102, 242002	7.4	211
39	Measurement of cross sections for b jet production in events with a Z boson in $pp$ collisions at $s=1.96 \text{ TeV}$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	26
38	Search for a standard model Higgs boson in $WH \rightarrow \text{lvbb}$ in $pp$ collisions at square root $s = 1.96 \text{ TeV}$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 101802	7.4	30
37	Precision measurement of the $X(3872)$ mass in $J/\psi \pi^{+} \pi^{-}$ decays. <i>Physical Review Letters</i> , <b>2009</b> , 103, 152001	7.4	71
36	Search for the decays $B_{\text{K}}^{\text{+}} \rightarrow e^{+} \mu^{-}$ and $B_{\text{K}}^{\text{+}} \rightarrow e^{+} e^{-}$ in CDF run II. <i>Physical Review Letters</i> , <b>2009</b> , 102, 201801	7.4	31
35	Top quark mass measurement in the lepton plus jets channel using a modified matrix element method. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	15
34	Search for top-quark production via flavor-changing neutral currents in $W+1$ jet events at CDF. <i>Physical Review Letters</i> , <b>2009</b> , 102, 151801	7.4	51
33	Observation of exclusive charmonium production and $\gamma\gamma \rightarrow \mu^{+}\mu^{-}$ in $pp$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 242001	7.4	126
32	Measurement of the $k(T)$ distribution of particles in jets produced in $pp$ collisions at $\sqrt{s}=1.96 \text{ TeV}$ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 232002	7.4	10
31	Search for Gluino-Mediated Bottom Squark Production in $pp$ Collisions at $\sqrt{s}=1.96 \text{ TeV}$ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 221801	7.4	13
30	First measurement of the $t\bar{t}$ differential cross section $d\sigma/dM_{t\bar{t}}$ in $pp$ collisions at $\sqrt{s}=1.96 \text{ TeV}$ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 222003	7.4	113
29	Search for new physics in the $\mu e \mu E T$ channel with a low- $p_T$ lepton threshold at the Collider Detector at Fermilab. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	5
28	Search for high-mass $e^{+}e^{-}$ resonances in $pp$ collisions at $\sqrt{s}=1.96 \text{ TeV}$ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 031801	7.4	55
27	Search for the associated production of the standard-model Higgs Boson in the all-hadronic channel. <i>Physical Review Letters</i> , <b>2009</b> , 103, 221801	7.4	9
26	Search for a fermiophobic Higgs boson decaying into diphotons in $pp$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 061803	7.4	24

25	Measurement of the top-quark mass with dilepton events selected using neuroevolution at CDF. <i>Physical Review Letters</i> , <b>2009</b> , 102, 152001	7.4	38
24	Observation of electroweak single top-quark production. <i>Physical Review Letters</i> , <b>2009</b> , 103, 092002	7.4	174
23	First measurement of the ratio of branching fractions $B(B^0 \rightarrow \bar{D}^+ \pi^-) / B(B^0 \rightarrow \bar{D}^+ \pi^0)$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	16
22	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> , <b>2009</b> , 103, 101803	7.4	87
21	Measurement of W-boson helicity fractions in top-quark decays using $\cos^2 \theta$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2009</b> , 674, 160-167	4.2	17
20	Search for narrow resonances lighter than $\rho$ mesons. <i>European Physical Journal C</i> , <b>2009</b> , 62, 319-326	4.2	6
19	Observation of the $\Lambda_b$ baryon and measurement of the properties of the $\Lambda_b$ and $\Sigma_b$ baryons. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	41
18	Production of $(\bar{D}S)$ mesons in pp collisions at 1.96 TeV. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	37
17	Search for new particles decaying into dijets in proton-antiproton collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	159
16	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $s=1.96$ TeV using the CDF detector. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	26
15	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> , <b>2009</b> , 80,	4.9	9
14	Global search for new physics with $2.0 \text{ fb}^{-1}$ at CDF. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	44
13	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> , <b>2009</b> , 79,	4.9	11
12	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> , <b>2009</b> , 80,	4.9	6
11	Measurement of the ratio of branching fractions $B(B^{\pm} \rightarrow J/\psi) / B(B^{\pm} \rightarrow J/\psi \pi^{\pm})$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	2
10	Search for the rare decays $B^+ \rightarrow \mu^+ \bar{\nu}_\mu$ , $B^0 \rightarrow \mu^+ \bar{\nu}_\mu (892)^0$ , and $B_s^0 \rightarrow \mu^+ \bar{\nu}_\mu$ at CDF. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	18
9	Measurement of the $t\bar{t}$ production cross section in $2 \text{ fb}^{-1}$ of pp collisions at $s=1.96$ TeV using lepton plus jets events with soft muon b tagging. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	13
8	Top quark mass measurement in the $t\bar{t}$ all hadronic channel using a matrix element technique in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	10

7	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon b-tagged events. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	7
6	Search for WW and WZ production in lepton plus jets final state at CDF. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	1
5	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> , <b>2009</b> , 79,	4.9	12
4	Measurement of particle production and inclusive differential cross sections in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	43
3	Measurement of the b-hadron production cross section using decays to $D^0X$ final states in $pp$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	18
2	Searching the inclusive $E_T+b$ -quark signature for radiative top quark decay and non-standard-model processes. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	5
1	Measurement of the top quark mass at CDF using the $\beta$ -neutrino $\chi^2$ weighting template method on a lepton plus isolated track sample. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	10