

Aaron Dominguez

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.

517
papers

16,608
citations

61
h-index

100
g-index

529
ext. papers

18,747
ext. citations

5
avg, IF

2.07
L-index

#	Paper	IF	Citations
517	Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
516	Search for flavor-changing neutral current interactions of the top quark and the Higgs boson decaying to a bottom quark-antiquark pair at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	1
515	Search for long-lived particles decaying to leptons with large impact parameter in proton-proton collisions at .. <i>European Physical Journal C</i> , 2022 , 82, 153	4.2	0
514	Study of dijet events with large rapidity separation in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	
513	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at .. <i>European Physical Journal C</i> , 2022 , 82, 290	4.2	0
512	Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
511	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
510	Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
509	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
508	Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
507	Search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
506	Measurement of the inclusive $\overline{\text{t}}\text{t}$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	
505	Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 970	4.2	3
504	Measurements of production cross sections and constraints on anomalous triple gauge couplings at. <i>European Physical Journal C</i> , 2021 , 81, 200	4.2	5
503	Development and validation of HERWIG γ tunes from CMS underlying-event measurements. <i>European Physical Journal C</i> , 2021 , 81, 312	4.2	1
502	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at. <i>European Physical Journal C</i> , 2021 , 81, 378	4.2	5
501	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 488	4.2	5

500	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	3
499	Search for dark matter produced in association with a leptonically decaying boson in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 13	4.2	7
498	Search for top squark pair production using dilepton final states in collision data collected at. <i>European Physical Journal C</i> , 2021 , 81, 3	4.2	5
497	MUSiC: a model-unspecific search for new physics in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 629	4.2	4
496	Search for a heavy vector resonance decaying to a Υ boson and a Higgs boson in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 688	4.2	0
495	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 723	4.2	3
494	Measurements of angular distance and momentum ratio distributions in three-jet and + two-jet final states in collisions. <i>European Physical Journal C</i> , 2021 , 81, 852	4.2	0
493	Precision luminosity measurement in proton-proton collisions at in 2015 and 2016 at CMS. <i>European Physical Journal C</i> , 2021 , 81, 800	4.2	7
492	Performance of the CMS Level-1 trigger in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of Instrumentation</i> , 2020 , 15, P10017-P10017	1	23
491	Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	12
490	Measurement of top quark pair production in association with a Z boson in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
489	Search for direct pair production of supersymmetric partners to the lepton in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 189	4.2	3
488	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in collisions at and 5.02. <i>European Physical Journal C</i> , 2020 , 80, 534	4.2	6
487	Measurement of electroweak production of a boson in association with two jets in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 43	4.2	6
486	Evidence for $(\text{W})\text{W}(\text{W})$ production from double-parton interactions in proton-proton collisions at $(\sqrt{s} = 13, \text{TeV})$. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
485	Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 75	4.2	24
484	Searches for physics beyond the standard model with the variable in hadronic final states with and without disappearing tracks in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 3	4.2	16
483	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. <i>European Physical Journal C</i> , 2020 , 80, 4	4.2	61

482	Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	7
481	A multi-dimensional search for new heavy resonances decaying to boosted γ , W , or boson pairs in the dijet final state at 13 TeV. <i>European Physical Journal C</i> , 2020 , 80, 237	4.2	10
480	Measurement of single-diffractive dijet production in proton-proton collisions at 13 TeV with the CMS and TOTEM experiments. <i>European Physical Journal C</i> , 2020 , 80, 1164	4.2	0
479	Measurement of differential cross sections and charge ratios for W -channel single top quark production in proton-proton collisions at 13 TeV. <i>European Physical Journal C</i> , 2020 , 80, 370	4.2	4
478	Measurement of $(\bar{t}t)$ normalised multi-differential cross sections in (pp) collisions at $(\sqrt{s}=13, \text{TeV})$, and simultaneous determination of the strong coupling strength, top quark pole mass, and parton distribution functions. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	13
477	A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution. <i>Computing and Software for Big Science</i> , 2020 , 4, 10	6	3
476	Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of Instrumentation</i> , 2020 , 15, P02027-P02027	1	11
475	Calibration of the CMS hadron calorimeters using proton-proton collision data at $\sqrt{s} = 13$ TeV. <i>Journal of Instrumentation</i> , 2020 , 15, P05002-P05002	1	
474	Study of central exclusive production in proton-proton collisions at 13 TeV. <i>European Physical Journal C</i> , 2020 , 80, 718	4.2	2
473	Search for physics beyond the standard model in events with jets and two same-sign or at least three charged leptons in proton-proton collisions at 13 TeV. <i>European Physical Journal C</i> , 2020 , 80, 752	4.2	2
472	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in proton-proton collisions at 13 TeV. <i>European Physical Journal C</i> , 2019 , 79, 773	4.2	0
471	Search for resonant production of second-generation sleptons with same-sign dimuon events in proton-proton collisions at 13 TeV. <i>European Physical Journal C</i> , 2019 , 79, 305	4.2	2
470	Search for the pair production of light top squarks in the e^+e^- final state in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	4
469	Combined measurements of Higgs boson couplings in proton-proton collisions at 13 TeV. <i>European Physical Journal C</i> , 2019 , 79, 421	4.2	153
468	Search for supersymmetry in events with a photon, jets, \cancel{E}_T , and missing transverse momentum in proton-proton collisions at 13 TeV. <i>European Physical Journal C</i> , 2019 , 79, 444	4.2	1
467	Measurements of the $pp \rightarrow WZ$ inclusive and differential production cross sections and constraints on charged anomalous triple gauge couplings at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	10
466	Measurement of the production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at 13 TeV. <i>European Physical Journal C</i> , 2019 , 79, 368	4.2	27
465	Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at $(\sqrt{s} = 13, \text{TeV})$. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7

464	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 280	4.2	12
463	Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 364	4.2	18
462	Search for single production of vector-like quarks decaying to a top quark and a boson in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 90	4.2	6
461	Study of the underlying event in top quark pair production in collisions at 13. <i>European Physical Journal C</i> , 2019 , 79, 123	4.2	4
460	Search for rare decays of and Higgs bosons to and a photon in proton-proton collisions at = 13. <i>European Physical Journal C</i> , 2019 , 79, 94	4.2	7
459	Search for $(\overline{\text{t}}\text{H})$ production in the $(\text{H})\text{to}\overline{\text{b}}\text{b}$ decay channel with leptonic $(\overline{\text{t}})$ decays in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	17
458	Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	7
457	Measurement of differential cross sections for inclusive isolated-photon and photon+jet production in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 20	4.2	4
456	Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	8
455	Properties of $Z\chi(3900)$ produced in pp collisions. <i>Physical Review D</i> , 2019 , 100,	4.9	8
454	Search for a heavy resonance decaying to a top quark and a vector-like top quark in the lepton + jets final state in pp collisions at $(\sqrt{s} = 13, \text{TeV})$. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	6
453	Measurement of exclusive \bar{p} photoproduction in ultraperipheral $p\text{Pb}$ collisions at. <i>European Physical Journal C</i> , 2019 , 79, 702	4.2	13
452	Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at. <i>European Physical Journal C</i> , 2019 , 79, 564	4.2	20
451	Measurement of the top quark mass in the all-jets final state at and combination with the lepton+jets channel. <i>European Physical Journal C</i> , 2019 , 79, 313	4.2	13
450	Measurements of differential Z boson production cross sections in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	11
449	Measurement of the differential Drell-Yan cross section in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	6
448	Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 893	4.2	6
447	Search for new physics in top quark production in dilepton final states in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 886	4.2	6

446	Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at. <i>European Physical Journal C</i> , 2018 , 78, 242	4.2	4
445	Pseudorapidity distributions of charged hadrons in proton-lead collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) and 8.16 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
444	Combined Forward-Backward Asymmetry Measurements in Top-Antitop Quark Production at the Tevatron. <i>Physical Review Letters</i> , 2018 , 120, 042001	7.4	8
443	Search for resonant and nonresonant Higgs boson pair production in the ($\overline{\mathrm{b}}\mathrm{ell}\nu\mathrm{ell}\nu$) final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	19
442	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s}=13$. <i>European Physical Journal C</i> , 2018 , 78, 291	4.2	17
441	Measurements of the production cross section and the branching fraction, and constraints on anomalous triple gauge couplings at. <i>European Physical Journal C</i> , 2018 , 78, 165	4.2	29
440	Measurement of associated Z + charm production in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 287	4.2	11
439	Measurement of the inclusive ($\overline{\mathrm{t}}\mathrm{t}$) cross section in pp collisions at ($\sqrt{s}=5.02$) TeV using final states with at least one charged lepton. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	3
438	Search for natural supersymmetry in events with top quark pairs and photons in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	
437	Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
436	Search for supersymmetry in events with at least three electrons or muons, jets, and missing transverse momentum in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
435	Combined search for electroweak production of charginos and neutralinos in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	45
434	Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	40
433	Measurement of differential cross sections in the kinematic angular variable ϕ^* for inclusive Z boson production in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
432	Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
431	Measurement of normalized differential ($\overline{\mathrm{t}}\mathrm{t}$) cross sections in the dilepton channel from pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12
430	Constraints on the double-parton scattering cross section from same-sign W boson pair production in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13
429	Search for ZZ resonances in the $2\ell\ell$ final state in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	3

428	Jet properties in PbPb and pp collisions at ($\sqrt{s_{\mathrm{N};\mathrm{N}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	7
427	Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 140	4-2	20
426	Measurement of the Effective Weak Mixing Angle in $pp \rightarrow Z/\gamma^* \rightarrow \ell^+ \ell^-$ Events. <i>Physical Review Letters</i> , 2018 , 120, 241802	7-4	3
425	Measurements of the ($\mathrm{p} \rightarrow \mathrm{Z} \rightarrow \ell^+ \ell^-$) production cross section and the ($\mathrm{Z} \rightarrow 4\ell$) branching fraction, and constraints on anomalous triple gauge couplings at ($\sqrt{s} = 13, \text{TeV}$) 2018 , 78, 1		3
424	Search for ($\overline{\mathrm{t}} \mathrm{t} \mathrm{H}$) production in the all-jet final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	13
423	Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos and b quarks at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	7
422	Search for natural and split supersymmetry in proton-proton collisions at ($\sqrt{s}=13$) TeV in final states with jets and missing transverse momentum. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	39
421	Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	6
420	Measurement of the top quark mass with lepton+jets final states using collisions at. <i>European Physical Journal C</i> , 2018 , 78, 891	4-2	13
419	Measurements of Higgs boson properties in the diphoton decay channel in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	37
418	Search for Z resonances using leptonic and hadronic final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	11
417	Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	9
416	Search for third-generation scalar leptoquarks decaying to a top quark and a lepton at. <i>European Physical Journal C</i> , 2018 , 78, 707	4-2	23
415	Measurement of differential cross sections for boson production in association with jets in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 965	4-2	19
414	Search for a heavy resonance decaying into a Z boson and a Z or W boson in Zq final states at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	7
413	Measurement of charged particle spectra in minimum-bias events from proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 697	4-2	9
412	Search for lepton-flavor violating decays of heavy resonances and quantum black holes to $e\ell$ final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	3
411	Search for new physics in dijet angular distributions using proton-proton collisions at and constraints on dark matter and other models. <i>European Physical Journal C</i> , 2018 , 78, 789	4-2	19

410	Azimuthal correlations for inclusive 2-jet, 3-jet, and 4-jet events in pp collisions at ($\sqrt{s}=13$ TeV). <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	4
409	Search for high-mass resonances in final states with a lepton and missing transverse momentum at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
408	Evidence for $Z_c(3900)$ in semi-inclusive decays of b-flavored hadrons. <i>Physical Review D</i> , 2018 , 98,	4.9	17
407	Measurement of the underlying event activity in inclusive Z boson production in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
406	Measurement of the cross section in pp collisions at and validation of lepton analysis techniques. <i>European Physical Journal C</i> , 2018 , 78, 708	4.2	5
405	Search for dark matter produced in association with a Higgs boson decaying to $\tau\tau$ ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
404	Search for a heavy resonance decaying to a pair of vector bosons in the lepton plus merged jet final state at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
403	Search for a heavy resonance decaying into a Z boson and a vector boson in the ($\nu\bar{\nu}$) final state. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
402	Tevatron Run II combination of the effective leptonic electroweak mixing angle. <i>Physical Review D</i> , 2018 , 97,	4.9	15
401	Measurement of the weak mixing angle using the forward-backward asymmetry of Drell-Yan events in collisions at 8. <i>European Physical Journal C</i> , 2018 , 78, 701	4.2	25
400	Measurement of prompt and nonprompt charmonium suppression in collisions at 5.02. <i>European Physical Journal C</i> , 2018 , 78, 509	4.2	37
399	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying leptons at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	23
398	Electroweak production of two jets in association with a Z boson in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	12
397	Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	16
396	Study of the $X(5568)$ state with semileptonic decays of the B_s^0 meson. <i>Physical Review D</i> , 2018 , 97,	4.9	18
395	Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	10
394	Measurement of the inelastic proton-proton cross section at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	41
393	Search for high-mass resonances in dilepton final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	63

392	Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	28
391	Measurement of top quark polarization in $t\bar{t}\ell\ell$ final states. <i>Physical Review D</i> , 2017 , 95,	4-9	3
390	Measurements of the [Formula: see text] production cross section in lepton+jets final states in pp collisions at 8 [Formula: see text] and ratio of 8 to 7 [Formula: see text] cross sections. <i>European Physical Journal C</i> , 2017 , 77, 15	4-2	19
389	Measurement of the [Formula: see text] production cross section using events in the [Formula: see text] final state in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 172	4-2	22
388	Measurement and QCD analysis of double-differential inclusive jet cross sections in pp collisions at ($\sqrt{s}=8$) TeV and cross section ratios to 2.76 and 7 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	34
387	Search for electroweak production of charginos in final states with two ℓ leptons in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	7
386	Measurement of the production cross section of a W boson in association with two b jets in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 92	4-2	7
385	Measurement of the WZ production cross section in pp collisions at [Formula: see text] and 8 [Formula: see text] and search for anomalous triple gauge couplings at [Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 236	4-2	21
384	Measurement of prompt and nonprompt [Formula: see text] production in [Formula: see text] and [Formula: see text] collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 269	4-2	26
383	A search for new phenomena in pp collisions at [Formula: see text] in final states with missing transverse momentum and at least one jet using the [Formula: see text] variable. <i>European Physical Journal C</i> , 2017 , 77, 294	4-2	21
382	Measurement of the direct CP violating charge asymmetry in $B\bar{B} \rightarrow \bar{B}D^0$ decays. <i>Physical Review D</i> , 2017 , 95,	4-9	1
381	Search for new physics in the monophoton final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	11
380	Measurement of double-differential cross sections for top quark pair production in pp collisions at [Formula: see text][Formula: see text] and impact on parton distribution functions. <i>European Physical Journal C</i> , 2017 , 77, 459	4-2	16
379	Measurement of the jet mass in highly boosted [Formula: see text] events from pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 467	4-2	14
378	Measurements of the associated production of a Z boson and b jets in pp collisions at. <i>European Physical Journal C</i> , 2017 , 77, 751	4-2	15
377	Measurement of the transverse momentum spectrum of the Higgs boson produced in pp collisions at ($\sqrt{s}=8$) TeV using $H \rightarrow WW$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	10
376	Charged-particle nuclear modification factors in PbPb and pPb collisions at ($\sqrt{s_{\mathrm{N};\mathrm{N}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	64
375	Combination of D^0 measurements of the top quark mass. <i>Physical Review D</i> , 2017 , 95,	4-9	1

374	Search for ($\overline{\text{t}}\text{t}$) resonances in highly boosted lepton+jets and fully hadronic final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	17
373	Search for associated production of dark matter with a Higgs boson decaying to ($\overline{\text{b}}\text{b}$) or $\overline{\text{t}}\text{t}$ ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9
372	Observation of Y(1S) pair production in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	29
371	Search for anomalous Wtb couplings and flavour-changing neutral currents in t-channel single top quark production in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	26
370	Search for single production of vector-like quarks decaying to a Z boson and a top or a bottom quark in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	8
369	Measurement of the semileptonic ($\overline{\text{t}}\text{t}$) + $\overline{\text{b}}\text{b}$ production cross section in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
368	Measurements of the $\text{pp} \rightarrow \text{W}\overline{\text{b}}$ and $\text{pp} \rightarrow \text{Z}\overline{\text{t}}$ cross sections and limits on anomalous quartic gauge couplings at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	2
367	Search for new phenomena with the variable in the all-hadronic final state produced in proton-proton collisions at. <i>European Physical Journal C</i> , 2017 , 77, 710	4.2	54
366	Measurements of differential production cross sections for a Z boson in association with jets in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	11
365	Search for heavy resonances decaying to tau lepton pairs in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	19
364	Search for electroweak production of a vector-like quark decaying to a top quark and a Higgs boson using boosted topologies in fully hadronic final states. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9
363	Measurement of the transverse momentum spectra of weak vector bosons produced in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	15
362	Suppression and azimuthal anisotropy of prompt and nonprompt [Formula: see text] production in PbPb collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 252	4.2	58
361	Searches for pair production of third-generation squarks in [Formula: see text][Formula: see text] pp collisions. <i>European Physical Journal C</i> , 2017 , 77, 327	4.2	17
360	Measurement of the top quark mass using single top quark events in proton-proton collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2017 , 77, 354	4.2	8
359	Searches for invisible decays of the Higgs boson in pp collisions at (\sqrt{s}) = 7, 8, and 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	74
358	Search for massive resonances decaying into WW, WZ or ZZ bosons in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	19
357	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at. <i>European Physical Journal C</i> , 2017 , 77, 845	4.2	22

356	Measurement of electroweak-induced production of $W\gamma$ with two jets in pp collisions at ($\sqrt{s}=8$) TeV and constraints on anomalous quartic gauge couplings. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	9
355	Searches for $W\gamma$ bosons decaying to a top quark and a bottom quark in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	7
354	Measurement of the inclusive energy spectrum in the very forward direction in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	5
353	Search for direct production of supersymmetric partners of the top quark in the all-jets final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	18
352	Search for electroweak production of charginos and neutralinos in WH events in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	11
351	Search for pair production of vector-like T and B quarks in single-lepton final states using boosted jet substructure in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	20
350	Search for top squark pair production in pp collisions at ($\sqrt{s}=13$) TeV using single lepton events. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	25
349	Search for top quark decays via Higgs-boson-mediated flavor-changing neutral currents in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	12
348	Measurement of the ($\overline{\text{t}}\text{t}$) production cross section using events with one lepton and at least one jet in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	14
347	Search for a heavy resonance decaying to a top quark and a vector-like top quark at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	4
346	Test beam performance measurements for the Phase I upgrade of the CMS pixel detector. <i>Journal of Instrumentation</i> , 2017 , 12, P05022-P05022	1	3
345	Search for physics beyond the standard model in events with two leptons of same sign, missing transverse momentum, and jets in proton-proton collisions at. <i>European Physical Journal C</i> , 2017 , 77, 578	4-2	21
344	Search for top quark partners with charge 5/3 in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	3
343	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	21
342	Measurements of jet charge with dijet events in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	10
341	Search for associated production of a Z boson with a single top quark and for tZ flavour-changing interactions in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	10
340	Search for new physics with dijet angular distributions in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	11
339	Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	46

338	Search for third-generation scalar leptoquarks and heavy right-handed neutrinos in final states with two tau leptons and two jets in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	35
337	Characterisation of irradiated thin silicon sensors for the CMS phase II pixel upgrade. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	2
336	Search for new phenomena with multiple charged leptons in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	2
335	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at. <i>European Physical Journal C</i> , 2017 , 77, 636	4.2	20
334	Search for high-mass Z resonances in e^+e^- and $\mu^+\mu^-$ final states in proton-proton collisions at ($\sqrt{s}=8$) and 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
333	Search for heavy neutrinos or third-generation leptoquarks in final states with two hadronically decaying leptons and two jets in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	18
332	Search for CP violation in (\overline{t}) production and decay in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
331	Measurement of the triple-differential dijet cross section in proton-proton collisions at and constraints on parton distribution functions. <i>European Physical Journal C</i> , 2017 , 77, 746	4.2	8
330	Search for a light pseudoscalar Higgs boson produced in association with bottom quarks in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
329	Search for supersymmetry in events with at least one photon, missing transverse momentum, and large transverse event activity in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
328	Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	77
327	Search for dark matter and unparticles in events with a Z boson and missing transverse momentum in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	16
326	Forward-backward asymmetry of Drell-Yan lepton pairs in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 325	4.2	13
325	Search for new physics in same-sign dilepton events in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 439	4.2	34
324	Measurement of the forward-backward asymmetry of Λ and $\bar{\Lambda}$ production in pp collisions. <i>Physical Review D</i> , 2016 , 93,	4.9	1
323	Measurement of the forward-backward asymmetries in the production of Λ and $\bar{\Lambda}$ baryons in pp collisions. <i>Physical Review D</i> , 2016 , 93,	4.9	1
322	Evidence for Simultaneous Production of J/ψ and η Mesons. <i>Physical Review Letters</i> , 2016 , 116, 082002	7.4	31
321	Evidence for a $B_{s^0}^{\prime}$ State. <i>Physical Review Letters</i> , 2016 , 117, 022003	7.4	110

320	Study of double parton interactions in diphoton+dijet events in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2016 , 93,	4.9	13
319	Measurement of dijet azimuthal decorrelation in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 536	4.2	6
318	Search for dark matter particles in proton-proton collisions at ($\sqrt{s}=8$) TeV using the razor variables. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	2
317	Search for s channel single top quark production in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
316	Measurement of inclusive jet production and nuclear modifications in pPb collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 372	4.2	24
315	Measurement of differential and integrated fiducial cross sections for Higgs boson production in the four-lepton decay channel in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	15
314	Measurement of the ($\overline{\text{t}}\text{t}$) production cross section in the e channel in proton-proton collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	30
313	Search for new physics with the M T2 variable in all-jets final states produced in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	16
312	Search for dark matter in proton-proton collisions at 8 TeV with missing transverse momentum and vector boson tagged jets. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	9
311	Measurement of the inclusive tt production cross section in pp collisions at $\sqrt{s}=1.96$ TeV and determination of the top quark pole mass. <i>Physical Review D</i> , 2016 , 94,	4.9	9
310	Evidence for exclusive $\text{B} \rightarrow \text{W} + \text{W}$ production and constraints on anomalous quartic gauge couplings in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	27
309	Search for supersymmetry in pp collisions at ($\sqrt{s}=13$) TeV in the single-lepton final state using the sum of masses of large-radius jets. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
308	Search for direct pair production of supersymmetric top quarks decaying to all-hadronic final states in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 460	4.2	14
307	Azimuthal decorrelation of jets widely separated in rapidity in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	9
306	Phenomenological MSSM interpretation of CMS searches in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	11
305	Measurement of the mass of the top quark in decays with a J/ meson in pp collisions at 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	5
304	Measurement of the inclusive jet cross section in pp collisions at ($\sqrt{s} = 2.76, \text{text \{TeV\}}$). <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	17
303	Measurement of [Formula: see text] production with additional jet activity, including [Formula: see text] quark jets, in the dilepton decay channel using pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 379	4.2	20

302	Measurement of the differential cross section and charge asymmetry for inclusive [Formula: see text] production at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2016 , 76, 469	4.2	37
301	Observation of top quark pairs produced in association with a vector boson in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	18
300	Search for $W \rightarrow tb$ in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	2
299	Correlations between jets and charged particles in PbPb and pp collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	21
298	Search for the production of an excited bottom quark decaying to tW in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	2
297	Search for excited leptons in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
296	Measurement of the [Formula: see text] production cross section in the all-jets final state in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 128	4.2	21
295	Event generator tunes obtained from underlying event and multiparton scattering measurements. <i>European Physical Journal C</i> , 2016 , 76, 155	4.2	250
294	Search for massive WH resonances decaying into the [Formula: see text] final state at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 237	4.2	19
293	Search for a massive resonance decaying into a Higgs boson and a W or Z boson in hadronic final states in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	14
292	Measurement of top quark polarisation in t-channel single top quark production. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
291	Search for heavy Majorana neutrinos in $e\bar{e}\mu^+\mu^+$ jets and $e\bar{e}\tau^+\tau^+$ jets events in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	28
290	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into $\mu\mu$ leptons in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	16
289	Measurement of differential cross sections for Higgs boson production in the diphoton decay channel in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 13	4.2	35
288	Search for new physics in final states with two opposite-sign, same-flavor leptons, jets, and missing transverse momentum in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
287	Decomposing transverse momentum balance contributions for quenched jets in PbPb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
286	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 451	4.2	36
285	Measurement of the [Formula: see text] cross section in pp collisions at [Formula: see text] TeV and limits on anomalous gauge couplings. <i>European Physical Journal C</i> , 2016 , 76, 401	4.2	38

284	Search for heavy resonances decaying to two Higgs bosons in final states containing four b quarks. <i>European Physical Journal C</i> , 2016 , 76, 371	4.2	25
283	Search for Higgs boson off-shell production in proton-proton collisions at 7 and 8 TeV and derivation of constraints on its total decay width. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	14
282	Search for lepton flavour violating decays of heavy resonances and quantum black holes to an [Formula: see text] pair in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 317	4.2	9
281	Measurement of electroweak production of a W boson and two forward jets in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	4
280	Measurement of spin correlation between top and antitop quarks produced in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 757, 199-206	4.2	3
279	Precise measurement of the top quark mass in dilepton decays using optimized neutrino weighting. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 752, 18-26	4.2	6
278	Measurement of transverse momentum relative to dijet systems in PbPb and pp collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	21
277	Search for anomalous single top quark production in association with a photon in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	20
276	Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	6
275	B_s^0 lifetime measurement in the CP-odd decay channel $B_s^0 \rightarrow J/\psi(980)$. <i>Physical Review D</i> , 2016 , 94,	4.9	5
274	Measurement of the top quark mass using the matrix element technique in dilepton final states. <i>Physical Review D</i> , 2016 , 94,	4.9	8
273	Search for the associated production of a Higgs boson with a single top quark in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
272	Tevatron constraints on models of the Higgs boson with exotic spin and parity using decays to bottom-antibottom quark pairs. <i>Physical Review Letters</i> , 2015 , 114, 151802	7.4	3
271	Measurement of the $B(s)^0$ lifetime in the flavor-specific decay channel $B(s)^0 \rightarrow D(s)^{-} \ell^+ \bar{\nu}_\ell$. <i>Physical Review Letters</i> , 2015 , 114, 062001	7.4	5
270	Measurement of the θ distribution of muon pairs with masses between 30 and 500 GeV in 10.4 fb^{-1} of pp collisions. <i>Physical Review D</i> , 2015 , 91,	4.9	7
269	Search for a standard model Higgs boson produced in association with a top-quark pair and decaying to bottom quarks using a matrix element method. <i>European Physical Journal C</i> , 2015 , 75, 251	4.2	55
268	Measurement of the forward-backward asymmetry in the production of $B(\Xi)$ mesons in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2015 , 114, 051803	7.4	10
267	Measurement of the electron charge asymmetry in $pp \rightarrow W+X \rightarrow e\bar{\nu}X$ decays in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2015 , 91,	4.9	26

266	Measurement of the ratio of inclusive cross sections $(\sigma(\text{pp} \rightarrow Z+2\text{b jets})/\sigma(\text{pp} \rightarrow Z+2\text{ jets}))$ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2015 , 91,	4.9	2
265	Measurement of electroweak production of two jets in association with a Z boson in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 66	4.2	21
264	Measurements of differential and double-differential Drell-Yan cross sections in proton-proton collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 147	4.2	50
263	Search for decays of stopped long-lived particles produced in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 151	4.2	33
262	Measurement of the W boson helicity in events with a single reconstructed top quark in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	19
261	Measurement of the ratio of the production cross sections times branching fractions of $B \rightarrow J/\psi$ and $B \rightarrow J/\psi$ and $(\text{mathcal{B}}\left(\text{B} \rightarrow \text{J}/\psi\right)/\text{psi}\left\{\text{pi}\right\}^{\pm}\left\{\text{pi}\right\}^{\pm}\left\{\text{pi}\right\}^{\pm}\right)/\text{mathcal{B}}\left(\text{B} \rightarrow \text{J}/\psi\right)/\text{psi}\left\{\text{pi}\right\}^{\pm}\left\{\text{pi}\right\}^{\pm}\right)$ in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	13
260	Search for disappearing tracks in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	35
259	Study of Z production in PbPb and pp collisions at $(\sqrt{s_{\text{NN}}}=2.76)$ TeV in the dimuon and dielectron decay channels. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	18
258	Search for physics beyond the standard model in dilepton mass spectra in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	69
257	Measurement of the underlying event activity using charged-particle jets in proton-proton collisions at $(\sqrt{s}=2.76)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
256	Search for dark matter, extra dimensions, and unparticles in monojet events in proton-proton collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 235	4.2	250
255	Constraints on parton distribution functions and extraction of the strong coupling constant from the inclusive jet cross section in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 288	4.2	37
254	Nuclear effects on the transverse momentum spectra of charged particles in pPb collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 237	4.2	48
253	Distributions of topological observables in inclusive three- and four-jet events in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 302	4.2	4
252	Constraints on the pMSSM, AMSB model and on other models from the search for long-lived charged particles in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 325	4.2	24
251	Measurement of the forward-backward asymmetry in Λ^0 and $\bar{\Lambda}^0$ baryon production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2015 , 91,	4.9	3
250	Precision measurement of the top-quark mass in lepton+jets final states. <i>Physical Review D</i> , 2015 , 91,	4.9	14
249	Simultaneous measurement of forward-backward asymmetry and top polarization in dilepton final states from $t\bar{t}$ production at the Tevatron. <i>Physical Review D</i> , 2015 , 92,	4.9	18

248	Measurement of the Effective Weak Mixing Angle in $pp \rightarrow Z/\gamma^* \rightarrow e^+e^-$ Events. <i>Physical Review Letters</i> , 2015 , 115, 041801	7.4	12
247	Tevatron Combination of Single-Top-Quark Cross Sections and Determination of the Magnitude of the Cabibbo-Kobayashi-Maskawa Matrix Element V_{tb} . <i>Physical Review Letters</i> , 2015 , 115, 152003	7.4	23
246	Search for Violation of CPT and Lorentz Invariance in $B_s(0)$ Meson Oscillations. <i>Physical Review Letters</i> , 2015 , 115, 161601	7.4	6
245	Inclusive Production of the X(4140) State in pp Collisions at D0. <i>Physical Review Letters</i> , 2015 , 115, 232001	7.4	32
244	Search for physics beyond the standard model in events with two leptons, jets, and missing transverse momentum in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
243	Searches for supersymmetry using the M_{T2} variable in hadronic events produced in pp collisions at 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	26
242	Searches for third-generation squark production in fully hadronic final states in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	33
241	Search for the production of dark matter in association with top-quark pairs in the single-lepton final state in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	17
240	Search for a charged Higgs boson in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	61
239	Search for supersymmetry in the vector-boson fusion topology in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	11
238	Search for a light charged Higgs boson decaying to $(\overline{\text{charm}})$ in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1-37	5.4	33
237	Search for vector-like T quarks decaying to top quarks and Higgs bosons in the all-hadronic channel using jet substructure. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	16
236	Search for neutral color-octet weak-triplet scalar particles in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	
235	Search for a Higgs boson in the mass range from 145 to 1000 GeV decaying to a pair of W or Z bosons. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	73
234	Precise determination of the mass of the Higgs boson and tests of compatibility of its couplings with the standard model predictions using proton collisions at 7 and 8 [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 212	4.2	399
233	Measurement of the $Z\gamma$ production cross section in pp collisions at 8 TeV and search for anomalous triple gauge boson couplings. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	7
232	Measurement of the inclusive 3-jet production differential cross section in proton-proton collisions at 7 TeV and determination of the strong coupling constant in the TeV range. <i>European Physical Journal C</i> , 2015 , 75, 186	4.2	41
231	Measurement of the differential cross section for top quark pair production in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 542	4.2	98

230	Measurements of the $[Formula: see text][Formula: see text]$ production cross sections in the $[Formula: see text]$ channel in proton-proton collisions at $[Formula: see text]$ and $[Formula: see text]$ and combined constraints on triple gauge couplings. <i>European Physical Journal C</i> , 2015 , 75, 511	4.2	25
229	Search for neutral MSSM Higgs bosons decaying into a pair of bottom quarks. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	18
228	Measurement of the W+b-jet and W+c-jet differential production cross sections in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 6-14	4.2	4
227	Measurement of the (\overline{t}) production cross section in the dilepton channel in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	43
226	Measurement of associated W + charm production in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	37
225	Search for new physics in events with same-sign dileptons and jets in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	38
224	Muon reconstruction and identification with the Run II D0 detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 737, 281-294	1.2	24
223	Improved b quark jet identification at the D0 experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 763, 290-303	1.2	16
222	Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at $(\sqrt{s_{\mathit{NN}}} = 5.02)$ (,text {TeV}). <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	67
221	Measurement of WZ and ZZ production in pp collisions at $[Formula: see text]$ in final states with b-tagged jets. <i>European Physical Journal C</i> , 2014 , 74, 2973	4.2	16
220	Search for invisible decays of Higgs bosons in the vector boson fusion and associated ZH production modes. <i>European Physical Journal C</i> , 2014 , 74, 2980	4.2	131
219	Measurement of jet multiplicity distributions in $[Formula: see text]$ production in pp collisions at $[Formula: see text]$. <i>European Physical Journal C</i> , 2014 , 74, 3014	4.2	11
218	Study of double parton scattering using W + 2-jet events in proton-proton collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	61
217	Event activity dependence of $(Y)(nS)$ production in $(\sqrt{s_{\mathit{NN}}}) = 5.02$ TeV pPb and $(\sqrt{s}) = 2.76$ TeV pp collisions. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	42
216	. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
215	Evidence for the 125 GeV Higgs boson decaying to a pair of Π leptons. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	101
214	Search for $W? \rightarrow tb$ decays in the lepton + jets final state in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	23
213	Search for new physics in the multijet and missing transverse momentum final state in proton-proton collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	81

212	Measurement of the t-channel single-top-quark production cross section and of the $ V_{tb} $ CKM matrix element in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	48
211	Measurement of the production cross sections for a Z boson and one or more b jets in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	21
210	Search for massive resonances in dijet systems containing jets tagged as W or Z boson decays in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	74
209	Search for massive resonances decaying into pairs of boosted bosons in semi-leptonic final states at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	59
208	Precision measurement of the top quark mass in lepton + jets final States. <i>Physical Review Letters</i> , 2014 , 113, 032002	7.4	39
207	Measurement of the top-quark mass in all-jets [Formula: see text] events in pp collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2014 , 74, 2758	4.2	21
206	Study of the production of charged pions, kaons, and protons in pPb collisions at [Formula: see text]5.02[Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 2847	4.2	71
205	Probing color coherence effects in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 2901	4.2	13
204	Electron and photon identification in the D0 experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 750, 78-95	1.2	19
203	Observation of s-channel production of single top quarks at the Tevatron. <i>Physical Review Letters</i> , 2014 , 112, 231803	7.4	40
202	Observation and studies of double J/ \bar{l} production at the Tevatron. <i>Physical Review D</i> , 2014 , 90,	4.9	45
201	Measurement of the direct CP-violating parameter ACP in the decay $D^{+} \rightarrow K_{S}^{0} \pi^{+}$. <i>Physical Review D</i> , 2014 , 90,	4.9	4
200	Measurement of differential $t\bar{t}$ production cross sections in pp collisions. <i>Physical Review D</i> , 2014 , 90,	4.9	28
199	Search for heavy neutrinos and [Formula: see text] bosons with right-handed couplings in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 3149	4.2	149
198	Measurement of top quark-antiquark pair production in association with a W or Z boson in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 3060	4.2	29
197	Measurement of differential cross sections for the production of a pair of isolated photons in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 3129	4.2	29
196	Search for neutral MSSM Higgs bosons decaying to a pair of tau leptons in pp collisions. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	70
195	Measurement of pseudorapidity distributions of charged particles in proton-proton collisions at $(\sqrt{s}) = 8$ TeV by the CMS and TOTEM experiments. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	37

194	Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and W, Z, and Higgs bosons in pp collisions at 8 TeV. <i>European Physical Journal C</i> , 2014 , 74, 3036	4.2	183
193	Measurement of prompt J/ψ pair production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	41
192	Jet energy scale determination in the D0 experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 763, 442-475 ^{1.2}	1.2	20
191	Measurement of the electric charge of the top quark in tt̄ events. <i>Physical Review D</i> , 2014 , 90,	4.9	5
190	Measurement of associated production of z bosons with charm quark jets in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2014 , 112, 042001	7.4	14
189	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
188	Measurement of the W boson mass with the D0 detector. <i>Physical Review D</i> , 2014 , 89,	4.9	18
187	Measurement of the forward-backward asymmetry in top quark-antiquark production in pp̄ collisions using the lepton+jets channel. <i>Physical Review D</i> , 2014 , 90,	4.9	46
186	Search for the X(4140) state in B ⁺ →J/ψK ⁺ decays with the D0 detector. <i>Physical Review D</i> , 2014 , 89,	4.9	59
185	Measurement of the forward-backward asymmetry in the distribution of leptons in tt̄ events in the lepton+jets channel. <i>Physical Review D</i> , 2014 , 90,	4.9	18
184	Double parton interactions in \bar{b} 3 jet and \bar{b} b/cjet+2 jet events in pp̄ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review D</i> , 2014 , 89,	4.9	27
183	Measurement of the W boson production charge asymmetry in pp → W+X → e [±] X events at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2014 , 112, 151803	7.4	14
182	Observation of the diphoton decay of the Higgs boson and measurement of its properties. <i>European Physical Journal C</i> , 2014 , 74, 3076	4.2	239
181	Constraints on models for the Higgs boson with exotic spin and parity in VH → Vbb final states. <i>Physical Review Letters</i> , 2014 , 113, 161802	7.4	5
180	Study of CP-violating charge asymmetries of single muons and like-sign dimuons in pp̄ collisions. <i>Physical Review D</i> , 2014 , 89,	4.9	32
179	Measurement of the direct CP-violating charge asymmetry in D _s [±] → ? \bar{b} decays. <i>Physical Review Letters</i> , 2014 , 112, 111804	7.4	3
178	Measurement of the differential \bar{b} 2b-jet cross section and the ratio $(\bar{b}$ 2b-jets)/(\bar{b} b-jet) in pp̄ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 737, 357-365	4.2	6
177	Search for the associated production of the Higgs boson with a top-quark pair. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	45

176	Study of hadronic event-shape variables in multijet final states in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	3
175	Search for standard model production of four top quarks in the lepton + jets channel in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	15
174	Identification techniques for highly boosted W bosons that decay into hadrons. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	32
173	Measurement of Higgs boson production and properties in the WW decay channel with leptonic final states. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	144
172	Measurement of the (\overline{t}) production cross section in the dilepton channel in pp collisions at (\sqrt{s}) = 8 TeV 2014 , 2014, 1		3
171	Search for the associated production of the Higgs boson with a top-quark pair 2014 , 2014, 1		6
170	Search for microscopic black holes in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	38
169	Searches for long-lived charged particles in pp collisions at (\sqrt{s}) =7 and 8 TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	96
168	Observation of a new boson with mass near 125 GeV in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	261
167	Search for the standard model Higgs boson produced in association with a top-quark pair in pp collisions at the LHC. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	35
166	Studies of jet mass in dijet and W/Z + jet events. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	39
165	Measurement of the (\overline{t}) production cross section in the all-jet final state in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	14
164	Study of the underlying event at forward rapidity in pp collisions at ($\sqrt{s}=0.9, 2.76, 7$ TeV). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	39
163	Search for new physics in events with photons, jets, and missing transverse energy in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	15
162	Search for new physics in events with same-sign dileptons and b jets in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	33
161	Search for supersymmetry in pp collisions at [Formula: see text] TeV in events with a single lepton, jets, and missing transverse momentum. <i>European Physical Journal C</i> , 2013 , 73, 2404	4-2	15
160	Measurement of the combined rapidity and . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 721, 212-219	4-2	9
159	Measurement of the muon charge asymmetry in pp \rightarrow W+X \rightarrow μX events at s=1.96 TeV. <i>Physical Review D</i> , 2013 , 88,	4-9	23

158	Higgs boson studies at the Tevatron. <i>Physical Review D</i> , 2013 , 88,	4.9	73
157	Search for supersymmetry in hadronic final states with missing transverse energy using the variables and b-quark multiplicity in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2568	4.2	82
156	Measurement of the hadronic activity in events with a Z and two jets and extraction of the cross section for the electroweak production of a Z with two jets in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	10
155	Measurement of the ($\bar{t}t$) production cross section in the $\bar{t}t$ jets channel in pp collisions at ($\sqrt{s}=7$ TeV). <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	21
154	Search for top-squark pair production in the single-lepton final state in pp collisions at ($\sqrt{s}=8$ TeV). <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	162
153	Measurement of the differential and double-differential Drell-Yan cross sections in proton-proton collisions at (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	43
152	Measurement of the cross section and angular correlations for associated production of a Z boson with b hadrons in pp collisions at (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	26
151	Measurement of the ratio of the inclusive 3-jet cross section to the inclusive 2-jet cross section in pp collisions at ($\sqrt{s} = 7$ TeV) and first determination of the strong coupling constant in the TeV range. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	50
150	Measurement of the $W+W$ cross section in pp collisions at ($\sqrt{s} = 7$ TeV) and limits on anomalous WW and WWZ couplings. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	56
149	Measurement of the differential cross sections for isolated direct photon pair production in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 6-14	4.2	14
148	Measurement of the ZZ production cross section and search for anomalous couplings in ZZ final states in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	39
147	Search for supersymmetry in final states with missing transverse energy and 0, 1, 2, or ≥ 3 b-quark jets in 7 TeV pp collisions using the variable \cancel{E}_T . <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	29
146	Measurement of the $pp \rightarrow W+b+X$ production cross section at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 1314-1320	4.2	18
145	Evidence for s-channel single top quark production in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 656-664	4.2	30
144	Measurement of the differential $\bar{t}c$ -jet cross section and the ratio of differential $\bar{t}c$ and $\bar{t}b$ cross sections in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 354-361	4.2	30
143	Studies of W boson plus jets production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2013 , 88,	4.9	16
142	Measurement of the ratio of three-jet to two-jet cross sections in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 720, 6-12	4.2	7
141	Measurement of the sum of WW and WZ production with W+dijet events in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2283	4.2	45

140	Measurement of differential top-quark-pair production cross sections in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	102
139	Search for a Higgs boson in diphoton final states with the D0 detector in 9.6 fb ⁻¹ of pp collisions at $s=1.96 \text{ TeV}$. <i>Physical Review D</i> , 2013 , 88,	4.9	7
138	Search for Higgs boson production in trilepton and like-charge electron-muon final states with the D0 detector. <i>Physical Review D</i> , 2013 , 88,	4.9	4
137	Measurement of the asymmetry in angular distributions of leptons produced in dilepton tt final states in pp collisions at $s=1.96 \text{ TeV}$. <i>Physical Review D</i> , 2013 , 88,	4.9	34
136	Search for the Higgs boson in lepton, tau, and jets final states. <i>Physical Review D</i> , 2013 , 88,	4.9	5
135	Measurement of leptonic asymmetries and top-quark polarization in tt production. <i>Physical Review D</i> , 2013 , 87,	4.9	30
134	Measurement of the differential cross section of photon plus jet production in pp collisions at $s=1.96 \text{ TeV}$. <i>Physical Review D</i> , 2013 , 88,	4.9	9
133	Search for anomalous quartic WW couplings in dielectron and missing energy final states in pp collisions at $s=1.96 \text{ TeV}$. <i>Physical Review D</i> , 2013 , 88,	4.9	27
132	Combination of CDF and D0 W-Boson mass measurements. <i>Physical Review D</i> , 2013 , 88,	4.9	39
131	Search for Higgs boson production in oppositely charged dilepton and missing energy final states in 9.7 fb ⁻¹ of pp collisions at $s=1.96 \text{ TeV}$. <i>Physical Review D</i> , 2013 , 88,	4.9	6
130	Search for the rare decay $B_s \rightarrow \mu \mu$. <i>Physical Review D</i> , 2013 , 87,	4.9	13
129	Measurement of the ratio of differential cross sections $(\sigma(\text{pp} \rightarrow Z+b \text{ jet})/\sigma(\text{pp} \rightarrow Z+\text{jet}))$ in pp collisions at $s=1.96 \text{ TeV}$. <i>Physical Review D</i> , 2013 , 87,	4.9	13
128	Search for $ZH \rightarrow \mu \mu b \bar{b}$ production in 9.7 fb ⁻¹ of pp collisions with the D0 detector. <i>Physical Review D</i> , 2013 , 88,	4.9	5
127	Measurement of direct CP violation parameters in $B \rightarrow J/\psi K$ and $B \rightarrow J/\psi \pi$ decays with 10.4 fb ⁻¹ of Tevatron data. <i>Physical Review Letters</i> , 2013 , 110, 241801	7.4	11
126	Search for the standard model Higgs boson in $\mu \mu$ jets final states in 9.7 fb ⁻¹ of pp collisions with the D0 detector. <i>Physical Review D</i> , 2013 , 88,	4.9	8
125	Measurement of the ZZ production cross section and search for the standard model Higgs boson in the four lepton final state in pp collisions. <i>Physical Review D</i> , 2013 , 88,	4.9	9
124	Combined search for the Higgs boson with the D0 experiment. <i>Physical Review D</i> , 2013 , 88,	4.9	16
123	Measurement of the semileptonic charge asymmetry using $B(s)(0) \rightarrow D(s) \mu$ decays. <i>Physical Review Letters</i> , 2013 , 110, 011801	7.4	36

122	Search for charged massive long-lived particles at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2013 , 87,	4.9	7
121	Search for new physics in events with same-sign dileptons and b jets in pp collisions at ($\sqrt{s}=8$) TeV 2013 , 2013, 1		2
120	Search for anomalous Wtb couplings in single top quark production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 21-26	4.2	22
119	Search for pair production of the scalar top quark in muon + tau final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 578-586	4.2	13
118	Study of high-p T charged particle suppression in PbPb compared to pp collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76\sim\mathrm{TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	316
117	Jet production rates in association with W and Z bosons in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	37
116	Measurement of the production cross section for pairs of isolated photons in pp collisions at ($\sqrt{s} = 7\text{TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	20
115	Suppression of non-prompt J/ψ and (Υ)(1S) in PbPb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	184
114	Measurement of the $Z/\gamma + b$ -jet cross section in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	24
113	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at ($\sqrt{s}=7\text{TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	27
112	Search for anomalous production of multilepton events in pp collisions at ($\sqrt{s} = 7\text{TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	65
111	Search for leptonic decays of W bosons in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	43
110	Search for stopped long-lived particles produced in pp collisions at ($\sqrt{s} = 7\text{TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	17
109	Search for new physics in events with same-sign dileptons and b-tagged jets in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	24
108	Search for anomalous (\overline{t}) production in the highly-boosted all-hadronic final state. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	57
107	Search for dark matter and large extra dimensions in monojet events in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	155
106	Measurement of the (\overline{t}) production cross section in the dilepton channel in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	64
105	Search for electroweak production of charginos and neutralinos using leptonic final states in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	41

104	Observation of Z decays to four leptons with the CMS detector at the LHC. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	30
103	Measurement of the single-top-quark t-channel cross section in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	70
102	Combination of searches for anomalous top quark couplings with 5.4fb ⁻¹ of pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 165-171	4.2	23
101	Search for the standard model Higgs boson in tau lepton final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 237-245	4.2	9
100	Measurement of the underlying event in the Drell-Yan process in proton-proton collisions at ($\sqrt{s} = 7$ TeV). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	30
99	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-proton collisions at ($\sqrt{s} = 7$ TeV). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	17
98	Search for the standard model Higgs boson in the ZH→bb channel in 9.5 fb ⁻¹ of pp collisions at s=1.96 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 285-293	4.2	20
97	Measurement of angular correlations of jets at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 56-63	4.2	34
96	Limits on anomalous trilinear gauge boson couplings from WW, WZ and W production in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 451-459	4.2	27
95	J/ψ and ψ(2S) production in pp collisions at ($\sqrt{s} = 7$ TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	69
94	Search for the standard model Higgs boson in the H → ZZ → 2γγ channel in pp collisions at ($\sqrt{s} = 7$ TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	24
93	Measurement of the inclusive production cross sections for forward jets and for dijet events with one forward and one central jet in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	13
92	Measurement of the W boson mass with the D0 detector. <i>Physical Review Letters</i> , 2012 , 108, 151804	7.4	67
91	Observation of a narrow mass state decaying into J/ψ + π in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	37
90	Search for Z events with large missing transverse energy in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	7
89	Search for WH associated production in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	6
88	Combination of the top-quark mass measurements from the Tevatron collider. <i>Physical Review D</i> , 2012 , 86,	4.9	104
87	Search for the standard model Higgs boson in associated WH production in 9.7 fb ⁻¹ of pp collisions with the D0 detector. <i>Physical Review Letters</i> , 2012 , 109, 121804	7.4	13

86	Search for violation of Lorentz invariance in top quark pair production and decay. <i>Physical Review Letters</i> , 2012 , 108, 261603	7.4	20
85	Measurement of the WZ and ZZ production cross sections using leptonic final states in 8.6 fb ⁻¹ of pp collisions. <i>Physical Review D</i> , 2012 , 85,	4.9	27
84	Search for the standard model Higgs boson in ZH→(l+l)bb production with the D0 detector in 9.7 fb(-1) of pp collisions at s = 1.96 TeV. <i>Physical Review Letters</i> , 2012 , 109, 121803	7.4	15
83	Measurement of the semileptonic charge asymmetry in B0 meson mixing with the D0 detector. <i>Physical Review D</i> , 2012 , 86,	4.9	38
82	Measurement of the differential cross section dσ/dt in elastic pp scattering at s=1.96 TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	41
81	Study of the decay Bs0→J/ψ(1525) in B+K final states. <i>Physical Review D</i> , 2012 , 86,	4.9	9
80	Search for Higgs boson production in oppositely charged dilepton and missing energy events in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	3
79	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
78	Combined search for the standard model Higgs boson decaying to bb using the D0 run II data set. <i>Physical Review Letters</i> , 2012 , 109, 121802	7.4	29
77	Measurement of the inclusive jet cross section in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	47
76	Measurement of the B0 lifetime in the exclusive decay B0→J/ψ in pp collisions at s=1.96 TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	17
75	Measurement of three-jet differential cross sections dBjet/dM3jet in pp collisions at s=1.96 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 434-441	4.2	13
74	Model-independent measurement of t-channel single top quark production in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 705, 313-319	4.2	40
73	Prompt and non-prompt J/ψ production in pp collisions at (sqrt{s} = 7) TeV. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	118
72	Measurement of the (mathrm{{tbar{t}}}) production cross section in pp collisions at (sqrt{s}=7) TeV using the kinematic properties of events with leptons and jets. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	35
71	Measurements of inclusive W and Z cross sections in pp collisions at (sqrt {s} = 7) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	104
70	Measurement of ({text{B}}overline {text{B}}) angular correlations based on secondary vertex reconstruction at (sqrt {s} = 7,{text{TeV}}). <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	27
69	Measurement of the lepton charge asymmetry in inclusive W production in pp collisions at (sqrt {s} = 7;{text{TeV}}). <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	38

68	Search for new physics with same-sign isolated dilepton events with jets and missing transverse energy at the LHC. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	46
67	Measurement of the ($\bar{t}t$) production cross section and the top quark mass in the dilepton channel in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	48
66	Charged particle transverse momentum spectra in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	44
65	Dependence on pseudorapidity and on centrality of charged hadron production in PbPb collisions at ($\sqrt{s_{NN}} = 2.76$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	87
64	Measurement of the underlying event activity at the LHC with ($\sqrt{s} = 7$) TeV and comparison with ($\sqrt{s} = 0.9$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	70
63	Measurement of the Drell-Yan cross section in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	32
62	Measurement of the inclusive W and Z production cross sections in pp collisions at ($\sqrt{s} = 7$) TeV with the CMS experiment. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	121
61	Measurement of energy flow at large pseudorapidities in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	19
60	Measurements of single top quark production cross sections and $ V_{tb} $ in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2011 , 84,	4-9	28
59	Measurement of $\sin 2\theta_{eff}$ and Z-light quark couplings using the forward-backward charge asymmetry in $pp \rightarrow Z/\gamma \rightarrow e+e$ events with $L=5.0$ fb at $s=1.96$ TeV. <i>Physical Review D</i> , 2011 , 84,	4-9	21
58	Precise measurement of the top-quark mass from lepton+jets events at D0. <i>Physical Review D</i> , 2011 , 84,	4-9	32
57	Measurement of the anomalous like-sign dimuon charge asymmetry with 9 fb of pp collisions. <i>Physical Review D</i> , 2011 , 84,	4-9	88
56	Search for pair production of the scalar top quark in the electron + muon final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 696, 321-327	4-2	18
55	Search for WH associated production in 5.3 fb of pp collisions at the Fermilab Tevatron. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 6-13	4-2	16
54	Search for $W \rightarrow tb$ resonances with left- and right-handed couplings to fermions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 699, 145-150	4-2	42
53	Measurement of the ratio of inclusive cross sections $(\sigma(pp \rightarrow Z+b\bar{q}\text{jet})/(\sigma(pp \rightarrow Z+\text{jet}))$ at $s=1.96$ TeV. <i>Physical Review D</i> , 2011 , 83,	4-9	13
52	Measurement of the top quark pair production cross section in the lepton+jets channel in proton-antiproton collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2011 , 84,	4-9	45
51	Forward-backward asymmetry in top quark-antiquark production. <i>Physical Review D</i> , 2011 , 84,	4-9	170

50	Precise study of the Z/γ boson transverse momentum distribution in pp collisions using a novel technique. <i>Physical Review Letters</i> , 2011 , 106, 122001	7.4	43
49	Measurement of energy flow at large pseudorapidities in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV 2011 , 2011, 1		5
48	Evidence for an anomalous like-sign dimuon charge asymmetry. <i>Physical Review Letters</i> , 2010 , 105, 081801	7.4	89
47	Evidence for an anomalous like-sign dimuon charge asymmetry. <i>Physical Review D</i> , 2010 , 82,	4.9	123
46	Search for sneutrino production in $e\bar{\nu}$ final states in 5.3 fb ⁻¹ of pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 191802	7.4	17
45	Search for $ZH \rightarrow l^+ l^- b\bar{b}$ production in 4.2 fb ⁻¹ of pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 251801	7.4	14
44	Search for Randall-Sundrum gravitons in the dielectron and diphoton final states with 5.4 fb ⁻¹ of data from pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 104, 241802	7.4	32
43	Search for CP violation in $B_s^0 \rightarrow \mu^+ \mu^-$ decays in pp collisions at $s = 1.96$ TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	26
42	Measurement of the $t\bar{t}$ cross section using high-multiplicity jet events. <i>Physical Review D</i> , 2010 , 82,	4.9	11
41	CMS tracking performance results from early LHC operation. <i>European Physical Journal C</i> , 2010 , 70, 116541	11.92	99
40	Transverse-momentum and pseudorapidity distributions of charged hadrons in pp collisions at ($\sqrt{s} = 0.9$) and 2.36 TeV. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	201
39	Search for flavor changing neutral currents via quark-gluon couplings in single top quark production using 2.3 fb ⁻¹ of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 81-87	4.2	45
38	Search for scalar bottom quarks and third-generation leptoquarks in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 95-101	4.2	39
37	b-Jet identification in the D0 experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 620, 490-517	1.2	87
36	Search for associated W and Higgs Boson production in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 051803	7.4	18
35	Search for charged higgs bosons decaying into top and bottom quarks in pp collisions. <i>Physical Review Letters</i> , 2009 , 102, 191802	7.4	28
34	Measurement of the W boson mass. <i>Physical Review Letters</i> , 2009 , 103, 141801	7.4	35
33	Observation of single top-quark production. <i>Physical Review Letters</i> , 2009 , 103, 092001	7.4	172

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31	Determination of the strong coupling constant from the inclusive jet cross section in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2009 , 80,	4.9	43
30	ZZ \rightarrow l+l production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2008 , 78,	4.9	11
29	Evidence for production of single top quarks. <i>Physical Review D</i> , 2008 , 78,	4.9	69
28	Measurement of the muon charge asymmetry from W boson decays. <i>Physical Review D</i> , 2008 , 77,	4.9	47
27	Measurement of the forward-backward charge asymmetry and extraction of $\sin^2\theta_{\text{Weff}}$ in pp \rightarrow Z/gamma* + X \rightarrow e+e- + X events produced at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 191801	7.4	27
26	Measurement of the forward-backward charge asymmetry in top-quark pair production. <i>Physical Review Letters</i> , 2008 , 100, 142002	7.4	183
25	Measurement of the inclusive jet cross section in pp collisions at square root $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 062001	7.4	148
24	Measurement of the electron charge asymmetry in pp collisions \rightarrow W+X \rightarrow enu+X events at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 211801	7.4	48
23	Study of direct CP violation in B(+/-) \rightarrow J/psiK(+/-)(pi(+/-)) decays. <i>Physical Review Letters</i> , 2008 , 100, 211802	7.4	17
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21	Search for large extra dimensions via single photon plus missing energy final states at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 011601	7.4	43
20	Search for ZZ and Zgamma* production in pp collisions at square root $s=1.96$ TeV and limits on anomalous ZZZ and ZZgamma* couplings. <i>Physical Review Letters</i> , 2008 , 100, 131801	7.4	27
19	Search for the lightest scalar top quark in events with two leptons in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 659, 500-508	4.2	15
18	A combined search for the standard model Higgs boson at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 663, 26-36	4.2	15
17	Search for scalar top quarks in the acoplanar charm jets and missing transverse energy final state in pp collisions at $s=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 665, 1-8	4.2	49
16	Measurement of differential . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 669, 278-286	4.2	38
15	Measurement of the shape of the boson rapidity distribution for pp collisions \rightarrow Z/gamma* \rightarrow e+e+X events produced at s of 1.96 TeV. <i>Physical Review D</i> , 2007 , 76,	4.9	58

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13	Properties of $L=1$ $B(1)$ and $B(2)^*$ mesons. <i>Physical Review Letters</i> , 2007 , 99, 172001	7.4	47
12	Search for production of single top quarks via tq and tub flavor-changing-neutral-current couplings. <i>Physical Review Letters</i> , 2007 , 99, 191802	7.4	43
11	Search for stopped gluinos from pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 99, 131801	7.4	35
10	Direct limits on the oscillation frequency. <i>Physical Review Letters</i> , 2006 , 97, 021802	7.4	165
9	Measurement of the $B_s(0)$ lifetime using semileptonic decays. <i>Physical Review Letters</i> , 2006 , 97, 241801	7.4	22
8	Measurement of the forward-backward charge asymmetry from $W \rightarrow e\bar{\nu}$ production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	61
7	Measurement of the forward-backward charge asymmetry of electron-positron pairs in $p\bar{p}$ collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	44
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4	Search for the supersymmetric partner of the top quark in dilepton events from pp collisions at square root of $s=1.8$ TeV. <i>Physical Review Letters</i> , 2003 , 90, 251801	7.4	17
3	Measurement of the strong coupling constant from inclusive jet production at the Tevatron pp collider. <i>Physical Review Letters</i> , 2002 , 88, 042001	7.4	35
2	Diffraction dijet production at $\sqrt{s} = 630$ and 1800 GeV at the Fermilab Tevatron. <i>Physical Review Letters</i> , 2002 , 88, 151802	7.4	18
1	Measurement of $d\sigma/dM$ and forward-backward charge asymmetry for high-mass Drell-Yan $e^{(+)}e^{(-)}$ pairs from pp collisions at square root of $s = 1.8$ TeV. <i>Physical Review Letters</i> , 2001 , 87, 131802	7.4	26