

Jovan Milosevic

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1670452/jovan-milosevic-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

558
papers

17,781
citations

65
h-index

103
g-index

594
ext. papers

20,311
ext. citations

4.7
avg, IF

2.3
L-index

#	Paper	IF	Citations
558	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
557	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
556	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
555	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	
554	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
553	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
552	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
551	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
550	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
549	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
548	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
547	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	
546	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
545	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
544	Development and validation of HERWIG γ tunes from CMS underlying-event measurements. <i>European Physical Journal C</i> , 2021 , 81, 312	4.2	1
543	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
542	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

541	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
540	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
539	Initial state fluctuations and the sub-leading flow modes from the experimental data and HYDJET++ model. <i>European Physical Journal D</i> , 2021 , 75, 1	1-3	
538	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
537	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
536	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
535	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
534	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
533	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
532	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
531	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
530	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
529	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
528	Correlations between azimuthal anisotropy Fourier harmonics in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV in the HYDJET++ model and in the multiphase transport model. <i>Physical Review C</i> , 2020 , 101,	2-7	1
527	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
526	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
525	Evidence for $(\text{W})\text{W}$ 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
524	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

523	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
522	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
521	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
520	A multi-dimensional search for new heavy resonances decaying to boosted τ , W , or boson pairs in the dijet final state at 13 TeV. <i>European Physical Journal C</i> , 2020 , 80, 237	4.2	10
519	Measurement of single-diffractive dijet production in proton-proton collisions at $\sqrt{s} = 13$ TeV with the CMS and TOTEM experiments. <i>European Physical Journal C</i> , 2020 , 80, 1164	4.2	0
518	Measurement of differential cross sections and charge ratios for s -channel single top quark production in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020 , 80, 370	4.2	4
517	Measurement of $(\sigma_{\text{had}}/\sigma_{\text{had}}^{\text{SM}})$ 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
516	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
515	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
514	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	
513	Study of central exclusive production in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020 , 80, 718	4.2	2
512	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 $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020 , 80, 752	4.2	2
511	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 773	4.2	0
510	Search for resonant production of second-generation sleptons with same-sign dimuon events in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 305	4.2	2
509	Search for the associated production of the Higgs boson and a vector boson in proton-proton collisions at $(\sqrt{s}) = 13$ TeV via Higgs boson decays to $\tau\tau$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	3
508	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
507	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 421	4.2	153
506	Search for supersymmetry in events with a photon, jets, τ -jets, and missing transverse momentum in proton-proton collisions at 13 TeV. <i>European Physical Journal C</i> , 2019 , 79, 444	4.2	1

505	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
504	Measurement of the production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at. <i>European Physical Journal C</i> , 2019 , 79, 368	4.2	27
503	Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
502	Search for nonresonant Higgs boson pair production in the $(\overline{b}b)$ final state at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	4
501	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
500	Search for contact interactions and large extra dimensions in the dilepton mass spectra from proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	8
499	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
498	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
497	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
496	Search for rare decays of Higgs bosons to a photon and a photon in proton-proton collisions at $\sqrt{s} = 13$. <i>European Physical Journal C</i> , 2019 , 79, 94	4.2	7
495	Search for new physics in final states with a single photon and missing transverse momentum in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	9
494	Measurements of $(\overline{t}t)$ differential cross sections in proton-proton collisions at $(\sqrt{s}) = 13$ TeV using events containing two leptons. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	15
493	Search for $(\overline{t}t)H$ production in the $(H)to(\overline{b}b)$ decay channel with leptonic $(\overline{t}t)$ decays in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	17
492	Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
491	Measurement of inclusive and differential Higgs boson production cross sections in the diphoton decay channel in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	8
490	Search for resonant $(\overline{t}t)$ production in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	13
489	Search for production of Higgs boson pairs in the four b quark final state using large-area jets in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	7
488	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

487	Search for heavy Majorana neutrinos in same-sign dilepton channels in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	14
486	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
485	Search for heavy neutrinos and third-generation leptoquarks in hadronic states of two ℓ leptons and two jets in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	18
484	Search for a W' boson decaying to a vector-like quark and a top or bottom quark in the all-jets final state. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	4
483	Search for top quark partners with charge $5/3$ in the same-sign dilepton and single-lepton final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	9
482	Inclusive search for supersymmetry in pp collisions at ($\sqrt{s}=13$) TeV using razor variables and boosted object identification in zero and one lepton final states. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
481	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
480	Search for excited leptons in ℓ final states in proton-proton collisions at ($\sqrt{\text{mathrm}{s}}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
479	Search for new particles decaying to a jet and an emerging jet. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	15
478	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 ($\sqrt{s} = 13, \text{text {TeV}}$). <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	6
477	Measurement of exclusive ℓ photoproduction in ultraperipheral pPb collisions at. <i>European Physical Journal C</i> , 2019 , 79, 702	4.2	13
476	Measurement of exclusive photoproduction from protons in Pb collisions at. <i>European Physical Journal C</i> , 2019 , 79, 277	4.2	19
475	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
474	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
473	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
472	Measurements of triple-differential cross sections for inclusive isolated-photon+jet events in collisions at. <i>European Physical Journal C</i> , 2019 , 79, 969	4.2	1
471	Measurement of the differential Drell-Yan cross section in proton-proton collisions at ($\sqrt{\text{mathrm}{s}}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	6
470	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

469	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
468	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
467	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
466	Search for resonant and nonresonant Higgs boson pair production in the ($\mathrm{b}\overline{\mathrm{b}}\mathrm{ell}\nu\mathrm{ell}\nu$) final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	19
465	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
464	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
463	Measurement of associated Z + charm production in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 287	4.2	11
462	Measurement of the inclusive ($\mathrm{t}\overline{\mathrm{t}}$) 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
461	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	
460	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
459	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
458	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
457	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
456	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
455	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
454	Measurement of normalized differential ($\mathrm{t}\overline{\mathrm{t}}$) 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
453	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
452	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

451	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
450	Search for a new scalar resonance decaying to a pair of Z bosons in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	22
449	(π^0) and (η) meson production in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4-2	23
448	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
447	Measurement of b hadron lifetimes in pp collisions at. <i>European Physical Journal C</i> , 2018 , 78, 457	4-2	9
446	Measurements of the ($\mathrm{p}\mathrm{p}\rightarrow\mathrm{Z}\mathrm{Z}$) 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
445	Measurement of b hadron lifetimes in pp collisions at ($\sqrt{s}=8$) (TeV) 2018 , 78, 1		1
444	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
443	Search for resonances in the mass spectrum of muon pairs produced in association with b quark jets in proton-proton collisions at ($\sqrt{s}=8$) and 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	7
442	Measurement of the groomed jet mass in PbPb and pp collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	5
441	Sub-leading flow modes in PbPb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV from HYDJET++ model. <i>EPJ Web of Conferences</i> , 2018 , 182, 02086	0-3	
440	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
439	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	14
438	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
437	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
436	Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state of two muons and two leptons in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	14
435	Search for a charged Higgs boson decaying to charm and bottom quarks in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	16
434	Search for top squarks decaying via four-body or chargino-mediated modes in single-lepton final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	6

433	Charged-particle nuclear modification factors in XeXe collisions at ($\sqrt{s_{\mathrm{NN}}}$) = 5.44) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	11
432	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
431	Measurements of the differential jet cross section as a function of the jet mass in dijet events from proton-proton collisions at (\sqrt{s})=13) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	14
430	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
429	Event shape variables measured using multijet final states in proton-proton collisions at (\sqrt{s})=13) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	3
428	Searches for pair production of charginos and top squarks in final states with two oppositely charged leptons in proton-proton collisions at (\sqrt{s})=13) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	12
427	Search for narrow and broad dijet resonances in proton-proton collisions at (\sqrt{s})=13) TeV and constraints on dark matter mediators and other new particles. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	50
426	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
425	Measurement of the production cross section for single top quarks in association with W bosons in proton-proton collisions at (\sqrt{s})=13) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	5
424	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
423	Search for supersymmetry in events with a lepton pair 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	14
422	Search for the decay of a Higgs boson in the channel in proton-proton collisions at (\sqrt{s})=13) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	11
421	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
420	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
419	Studies of and mesons including the observation of the decay in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 939	4-2	12
418	Search for a heavy resonance decaying into a Z boson and a Z or W boson in qq final states at (\sqrt{s})=13) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	7
417	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
416	Search for lepton-flavor violating decays of heavy resonances and quantum black holes to e final states in proton-proton collisions at (\sqrt{s})=13) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	3

415	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
414	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
413	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
412	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
411	Search for resonant pair production of Higgs bosons decaying to bottom quark-antiquark pairs in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	10
410	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
409	Search for vector-like T and B quark pairs in final states with leptons at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	29
408	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
407	Search for additional neutral MSSM Higgs bosons in the $\tau\tau$ final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	42
406	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
405	Search for a heavy right-handed W boson and a heavy neutrino in events with two same-flavor leptons and two jets at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	20
404	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
403	Measurement of the cross section for top quark pair production in association with a W or Z boson in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	18
402	Search for beyond the standard model Higgs bosons decaying into a $(\bar{b}b)$ pair in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	11
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	Search for lepton flavour violating decays of the Higgs boson to $\tau\bar{\nu}$ and $e\bar{\nu}$ in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	19
398	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

397	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
396	Observation of proton-tagged, central (semi)exclusive production of high-mass lepton pairs in pp collisions at 13 TeV with the CMS-TOTEM precision proton spectrometer. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	14
395	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
394	Search for single production of vector-like quarks decaying to a b quark and a Higgs boson. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12
393	Search for the flavor-changing neutral current interactions of the top quark and the Higgs boson which decays into a pair of b quarks at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	20
392	Search for a singly produced third-generation scalar leptoquark decaying to a lepton and a bottom quark in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	9
391	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
390	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
389	Search for disappearing tracks as a signature of new long-lived particles in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	24
388	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
387	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
386	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
385	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
384	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
383	Search for electroweak production of charginos in final states with two leptons in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
382	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ to 8 TeV. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	41
381	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
380	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

379	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
378	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
377	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at [Formula: see text] TeV and p-Pb collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2017 , 77, 245	4.2	13
376	W and Z boson production in p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
375	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
374	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
373	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
372	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
371	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
370	Azimuthal anisotropies and initial-state fluctuations from SPS to LHC energies. <i>EPJ Web of Conferences</i> , 2017 , 138, 03003	0.3	
369	Triangular flow of negative pions emitted in PbAu collisions at top SPS energy. <i>EPJ Web of Conferences</i> , 2017 , 164, 07054	0.3	
368	Sub-leading flow modes in PbPb collisions at from the HYDJET++ model. <i>Chinese Physics C</i> , 2017 , 41, 074001	2.2	4
367	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
366	Search for ($\overline{\mathrm{t}}\mathrm{t}$) 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
365	Measurement of electrons from beauty-hadron decays in p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) TeV and Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	5
364	Search for associated production of dark matter with a Higgs boson decaying to ($\overline{\mathrm{b}}\mathrm{b}$) or $\bar{\chi}\chi$ at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9
363	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
362	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

361	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
360	Measurement of the semileptonic ($\overline{\text{t}} + \text{t}$) production cross section in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	7
359	Measurements of the pp $\rightarrow W$ and pp $\rightarrow Z$ 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
358	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
357	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
356	Measurement of D-meson production at mid-rapidity in pp collisions at ($\sqrt{s}=7$) TeV. <i>European Physical Journal C</i> , 2017 , 77, 1	4-2	47
355	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
354	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
353	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
352	Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at ($\sqrt{s_{NN}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	5
351	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
350	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
349	Production of [Formula: see text] and [Formula: see text] mesons up to high transverse momentum in pp collisions at 2.76 TeV. <i>European Physical Journal C</i> , 2017 , 77, 339	4-2	10
348	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
347	Energy dependence of forward-rapidity [Formula: see text] and [Formula: see text] production in pp collisions at the LHC. <i>European Physical Journal C</i> , 2017 , 77, 392	4-2	14
346	Production of [Formula: see text] and [Formula: see text] in p-Pb collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2017 , 77, 389	4-2	22
345	Determination of the event collision time with the ALICE detector at the LHC. <i>European Physical Journal Plus</i> , 2017 , 132, 1	3-1	34
344	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

343	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
342	Triangular flow of negative pions emitted in PbAu collisions at $\sqrt{s_{NN}}=17.3$ GeV. <i>Nuclear Physics A</i> , 2017 , 957, 99-108	1-3	2
341	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at ($\sqrt{s}=$) 0.9, 7, and 8 TeV. <i>European Physical Journal C</i> , 2017 , 77, 1	4-2	18
340	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
339	Searches for transverse momentum dependent flow vector fluctuations in Pb-Pb and p-Pb collisions at the LHC. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	6
338	Measurement of electroweak-induced production of W 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
337	Searches for W 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
336	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
335	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
334	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
333	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
332	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
331	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
330	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
329	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
328	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
327	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
326	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

325	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
324	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
323	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
322	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
321	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
320	Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at ($\sqrt{s}=7$) TeV. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	19
319	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
318	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
317	Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at ($\sqrt{s_{\text{NN}}}$) = 2.76 TeV at the LHC. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	25
316	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
315	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
314	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
313	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
312	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
311	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
310	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
309	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
308	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

307	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
306	Measurement of dijet azimuthal decorrelation in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 536	4.2	6
305	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
304	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
303	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
302	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
301	Measurement of the ($\overline{\text{t}}\text{t}$) production cross section in the $e\bar{e}$ channel in proton-proton collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	30
300	Centrality dependence of $\langle Q_S \rangle$ suppression in p-Pb collisions at ($\sqrt{s}_{\text{NN}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	12
299	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at ($\sqrt{s}_{\text{NN}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	14
298	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
297	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
296	Evidence for exclusive $\bar{B}W + W\bar{B}$ 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
295	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
294	Differential studies of inclusive J/ψ and $\langle Q_S \rangle$ production at forward rapidity in Pb-Pb collisions at ($\sqrt{s}_{\text{NN}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	23
293	Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at ($\sqrt{s}_{\text{NN}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	24
292	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
291	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
290	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

289	Measurement of the mass of the top quark in decays with a J/ψ meson in pp collisions at 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	5
288	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
287	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
286	Centrality dependence of charged jet production in p-Pb collisions at [Formula: see text] = 5.02 TeV. <i>European Physical Journal C</i> , 2016 , 76, 271	4-2	23
285	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
284	Measurement of D-meson production versus multiplicity in p-Pb collisions at ($\sqrt{\text{mathrm{s}}_{\text{mathrm{NN}}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	8
283	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
282	Search for $W \rightarrow b\bar{b}$ in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	2
281	Correlations between jets and charged particles in PbPb and pp collisions at ($\sqrt{s_{\text{mathrm{NN}}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	21
280	Measurement of D + s production and nuclear modification factor in Pb-Pb collisions at ($\sqrt{\text{mathrm{s}}_{\text{mathrm{NN}}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	17
279	Production of $K^*(892)$ and $K^*(1020)$ in p-Pb collisions at [Formula: see text] = 5.02 TeV. <i>European Physical Journal C</i> , 2016 , 76, 245	4-2	63
278	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
277	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
276	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
275	Inclusive quarkonium production at forward rapidity in pp collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2016 , 76, 184	4-2	18
274	Event generator tunes obtained from underlying event and multiparton scattering measurements. <i>European Physical Journal C</i> , 2016 , 76, 155	4-2	250
273	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
272	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

271	Transverse momentum dependence of D-meson production in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	65
270	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
269	Search for heavy Majorana neutrinos in $e\bar{e}+jets$ and $e\bar{e}+jets$ events in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	28
268	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into τ leptons in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	16
267	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
266	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
265	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
264	Particle identification in ALICE: a Bayesian approach. <i>European Physical Journal Plus</i> , 2016 , 131, 1	3-1	25
263	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
262	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
261	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
260	Beam test evaluation of electromagnetic calorimeter modules made from proton-damaged PbWO ₄ crystals. <i>Journal of Instrumentation</i> , 2016 , 11, P04012-P04012	1	6
259	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
258	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
257	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
256	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
255	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
254	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, p-Pb, and Pb-Pb collisions at the LHC. <i>European Physical Journal C</i> , 2016 , 76, 86	4-2	18

253	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
252	Soft probes of the QGP: Pb-Pb and p-Pb CMS results. <i>Nuclear and Particle Physics Proceedings</i> , 2016 , 273-275, 1565-1570	0.4	
251	Principle Component Analysis of two-particle correlations in PbPb and pPb collisions at CMS. <i>Nuclear Physics A</i> , 2016 , 956, 308-311	1.3	2
250	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
249	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
248	Production of [Formula: see text] and [Formula: see text] in proton-proton collisions at [Formula: see text] 7 TeV. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	82
247	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
246	Inclusive photon production at forward rapidities in proton-proton collisions at (\sqrt{s}) = 0.9, 2.76 and 7 TeV. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	10
245	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
244	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
243	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
242	Measurement of the ratio of the production cross sections times branching fractions of $B \rightarrow c \rightarrow \mu/\tau$ and $B \rightarrow \mu/\tau$ and $(\sigma(\mathcal{B})\text{left}(\{\mathcal{B}\}_{\mathcal{C}}^{\mu}\text{to } \mathcal{J}/\psi\{\pi\}^{\mu}\{\pi\}^{\mu}\text{right})/\sigma(\mathcal{B})\text{left}(\{\mathcal{B}\}_{\mathcal{C}}^{\mu}\text{to } \mathcal{J}/\psi\{\pi\}^{\mu}\{\pi\}^{\mu}\text{right}))$ in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	13
241	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
240	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
239	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
238	Elliptic flow of identified hadrons in Pb-Pb collisions at ($\sqrt{s_{\text{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	91
237	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
236	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

235	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
234	Measurement of pion, kaon and proton production in proton-proton collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2015 , 75, 226	4.2	105
233	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
232	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
231	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
230	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
229	Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at ($\sqrt{s_{NN}}$) = 5.02 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	32
228	Search for third-generation scalar leptoquarks in the $t\bar{t}$ channel in proton-proton collisions at (\sqrt{s}) = 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	19
227	Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at ($\sqrt{s_{NN}}$) = 2.76 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	24
226	Coherent ρ photoproduction in ultra-peripheral Pb-Pb collisions at ($\sqrt{s_{NN}}$) = 2.76 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	23
225	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at ($\sqrt{s_{NN}}$) = 2.76 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	30
224	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
223	Forward-backward multiplicity correlations in pp collisions at (\sqrt{s}) = 0.9, 2.76 and 7 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	28
222	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
221	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
220	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
219	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
218	Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at ($\sqrt{s_{NN}}$) = 2.76 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	29

217	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
216	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
215	Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity in proton-proton collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	33
214	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	
213	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
212	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
211	Measurement of the Z/photon 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
210	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
209	Centrality dependence of inclusive J/psi production in p-Pb collisions at $(\sqrt{s_{\text{NN}}}=5.02)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	20
208	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
207	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
206	Comparison of the $Z/\text{photon} + \text{jets}$ to $\text{photon} + \text{jets}$ cross sections in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	5
205	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
204	Measurement of charged jet suppression in Pb-Pb collisions at $(\sqrt{s_{\text{NN}}}) = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	53
203	J/psi production and nuclear effects in p-Pb collisions at $(\sqrt{s_{\text{NN}}}) = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	35
202	Measurement of the $(\overline{\text{charm}})$ 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
201	Studies of azimuthal dihadron correlations in ultra-central PbPb collisions at $(\sqrt{s_{\text{NN}}}) = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	60
200	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

199	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
198	Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at $(\sqrt{s_{\mathrm{NN}}}) = 5.02$ (TeV). <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	67
197	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
196	Measurement of quarkonium production at forward rapidity in [Formula: see text] collisions at [Formula: see text]TeV. <i>European Physical Journal C</i> , 2014 , 74, 2974	4.2	63
195	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
194	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
193	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
192	Event activity dependence of $(Y)(nS)$ production in $(\sqrt{s_{\mathrm{NN}}}) = 5.02$ TeV pPb and $(\sqrt{s}) = 2.76$ TeV pp collisions. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	42
191	. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
190	Evidence for the 125 GeV Higgs boson decaying to a pair of τ leptons. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	101
189	Search for $W \rightarrow \tau b$ 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
188	Measurement of the triple-differential cross section for photon + jets production in proton-proton collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
187	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
186	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
185	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
184	Search for pair production of excited top quarks in the lepton + jets final state. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	3
183	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
182	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

181	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
180	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
179	Probing color coherence effects in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 2901	4.2	13
178	Elliptic flow of charged and strange hadrons in PbAu collisions at 158 AGeV/c measured in CERES experiment. <i>EPJ Web of Conferences</i> , 2014 , 71, 00089	0.3	
177	Masses of constituent quarks confined in open bottom hadrons. <i>Modern Physics Letters A</i> , 2014 , 29, 1450292	0	
176	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
175	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
174	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
173	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
172	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
171	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
170	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
169	Event-by-event mean ($\langle \mathbf{T} \rangle$) fluctuations in pp and PbPb collisions at the LHC. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	35
168	Transverse momentum dependence of inclusive primary charged-particle production in pPb collisions at ($\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV). <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	52
167	Suppression of χ_{c0} production in p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV). <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
166	Neutral pion production at midrapidity in pp and PbPb collisions at ($\sqrt{s_{\mathrm{NN}}} = 2.76$, $\sqrt{s_{\mathrm{NN}}} = 2.76$, $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV). <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	60
165	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
164	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

163	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
162	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
161	Identification techniques for highly boosted W bosons that decay into hadrons. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	32
160	Feasibility of the elliptic flow measurements in pp@LHC using the LeeYang zero method. <i>Physica Scripta</i> , 2014 , 89, 075301	2.6	
159	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
158	Measurement of the (\overline{t}) production cross section in the dilepton channel in pp collisions at (\sqrt{s}) = 8 TeV 2014 , 2014, 1		3
157	Search for the associated production of the Higgs boson with a top-quark pair 2014 , 2014, 1		6
156	Measurement of two- and four-particle correlations in p-Pb and Pb-Pb collisions at CMS. <i>Facta Universitatis - Series Physics Chemistry and Technology</i> , 2014 , 12, 167-177	0	
155	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
154	Measurement of the (Λ_{b}^0) lifetime in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	14
153	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
152	Study of exclusive two-photon production of W+W in pp collisions at ($\sqrt{s}=7$) TeV and constraints on anomalous quartic gauge couplings. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	56
151	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
150	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
149	Studies of jet mass in dijet and W/Z + jet events. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	39
148	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
147	Measurement of the X(3872) production cross section via decays to $J/\psi \chi_{c0}$ in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	44
146	Study of the underlying event at forward rapidity in pp collisions at ($\sqrt{s}=0.9, 2.76, \text{and } 7 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	39

145	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
144	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
143	Search in leptonic channels for heavy resonances decaying to long-lived neutral particles. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	30
142	Search for exotic resonances decaying into WZ/ZZ in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	16
141	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
140	Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE. <i>European Physical Journal C</i> , 2013 , 73, 2456	4.2	141
139	Search for a standard-model-like Higgs boson with a mass in the range 145 to 1000 GeV at the LHC. <i>European Physical Journal C</i> , 2013 , 73, 2469	4.2	49
138	Mid-rapidity anti-baryon to baryon ratios in pp collisions at ($\sqrt{s} = 0.9, 2.76$ and 7 TeV) measured by ALICE. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	23
137	Measurement of the production cross section for ($\mathrm{Z}\gamma$ to $\nu\overline{\nu}$) in pp collisions at ($\sqrt{s} = 7$) TeV and limits on ZZ and Z triple gauge boson couplings. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	12
136	Measurement of the W-boson helicity in top-quark decays from ($\mathrm{t}\overline{\mathrm{t}}$) production in lepton+jets events in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	25
135	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
134	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
133	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	15
132	Measurement of masses in the [Formula: see text] system by kinematic endpoints in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2494	4.2	37
131	Search for physics beyond the standard model in events with leptons, jets, and large transverse momentum imbalance in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2493	4.2	10
130	Measurement of the ($\mathrm{t}\overline{\mathrm{t}}$) production cross section in the $\#$ jets channel in pp collisions at ($\sqrt{s}=7$ TeV). <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	21
129	Jet and underlying event properties as a function of charged-particle multiplicity in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2674	4.2	24
128	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. <i>European Physical Journal C</i> , 2013 , 73, 2662	4.2	75

127	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
126	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
125	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
124	Charmonium and pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2617	4.2	150
123	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
122	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
121	Search for narrow resonances and quantum black holes in inclusive and b-tagged dijet mass spectra from pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	37
120	Measurement of the ZZ production cross section and search for anomalous couplings in $2\rightarrow 2$ final states in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	39
119	Search for supersymmetry in final states with missing transverse energy and 0, 1, 2, or 3 b-quark jets in 7 TeV pp collisions using the variable β_T . <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	29
118	Search for heavy quarks decaying into a top quark and a W or Z boson using lepton + jets events in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	12
117	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
116	Measurement of differential top-quark-pair production cross sections in pp collisions at ($\sqrt{s} = 7$ TeV). <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	102
115	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
114	Study of high- p_T charged particle suppression in PbPb compared to pp collisions at ($\sqrt{s_{NN}}=2.76$ TeV). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	316
113	Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at ($\sqrt{s_{NN}}= 2.76$ TeV). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	158
112	Jet production rates in association with W and Z bosons in pp collisions at ($\sqrt{s} = 7$ TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	37
111	Exclusive $\pi^+\pi^-\pi^0$ production in proton-proton collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	45
110	Measurement of charm production at central rapidity in proton-proton collisions at ($\sqrt{s} = 7$) TeV . <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	122

109	Measurement of the production cross section for pairs of isolated photons in pp collisions at ($\sqrt{s} = 7$;TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	20
108	Inclusive b-jet production in pp collisions at ($\sqrt{s} = 7$ TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	30
107	Search for quark compositeness in dijet angular distributions from pp collisions at ($\sqrt{s} = 7$ { }) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	12
106	Suppression of non-prompt J/ψ and (Υ)(1S) in PbPb collisions at ($\sqrt{s_{\text{NN}}} = 2.76$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	184
105	Search for heavy bottom-like quarks in 4.9 fb of pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	44
104	Measurement of the cross section for production of ($\bar{b} X$) decaying to muons in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	3
103	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
102	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at ($\sqrt{s}=7$;TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	27
101	Search for anomalous production of multilepton events in pp collisions at ($\sqrt{s} = 7$,TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	65
100	Underlying Event measurements in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV with the ALICE experiment at the LHC. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	24
99	Search for a light charged Higgs boson in top quark decays in pp collisions at ($\sqrt{s} = 7$;TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	101
98	Measurement of charm production at central rapidity in proton-proton collisions at ($\sqrt{s} = 2.76$;{TeV}). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	102
97	Search for leptonic decays of W^\pm bosons in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	43
96	Search for stopped long-lived particles produced in pp collisions at ($\sqrt{s} = 7$ TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	17
95	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
94	Measurement of the underlying event activity in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV with the novel jet-area/median approach. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	11
93	Search for anomalous (\bar{t}) production in the highly-boosted all-hadronic final state. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	57
92	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

91	Search for a fermiophobic Higgs boson in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	13
90	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76;\mathrm{TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	214
89	Search for supersymmetry in hadronic final states using M T2 in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	92
88	Measurement of jet fragmentation into charged particles in pp and PbPb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	73
87	Measurement of prompt J/ ψ and beauty hadron production cross sections at mid-rapidity in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	42
86	Measurement of the ($\overline{\mathrm{t}}\mathrm{t}$) 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
85	Search for exclusive or semi-exclusive $\mu\mu$ production and observation of exclusive and semi-exclusive $e+e\mu$ production in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	45
84	Search for the standard model Higgs boson produced in association with W and Z bosons in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	6
83	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
82	Search for new physics with long-lived particles decaying to photons and missing energy in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	10
81	Search for resonant ($\overline{\mathrm{t}}\mathrm{t}$) production in lepton+jets events in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	25
80	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
79	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
78	Search for third-generation leptoquarks and scalar bottom quarks in pp collisions at ($\sqrt{s}=7;\mathrm{TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	12
77	Measurement of the top-quark mass in ($\overline{\mathrm{t}}\mathrm{t}$) events with lepton+jets final states in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	30
76	Measurement of the underlying event in the Drell-Yan process in proton-proton collisions at ($\sqrt{s} = 7\sim\mathrm{TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	30
75	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at ($\sqrt{s}=0.9, 2.76\sim\mathrm{TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	24
74	Study of the inclusive production of charged pions, kaons, and protons in pp collisions at ($\sqrt{s} = 0.9, 2.76, 7\sim\mathrm{TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	133

73	Production of $K^*(892)0$ and $\rho(1020)$ in pp collisions at $(\sqrt{s}=7 \text{ TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	99
72	A search for a doubly-charged Higgs boson in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	111
71	Measurement of the top-quark mass in $(\overline{t}t)$ events with dilepton final states in pp collisions at $(\sqrt{s}=7 \text{ TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	36
70	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-proton collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	17
69	Measurement of the relative prompt production rate of τ and b in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2251	4.2	46
68	Elliptic flow of charged pions, protons and strange particles emitted in Pb+Au collisions at top SPS energy. <i>Nuclear Physics A</i> , 2012 , 894, 41-73	1.3	12
67	Determination of the Self-Diffusion Coefficient of Ni^{2+} in La_2NiO_4 by the Solid State Reaction Method. <i>Journal of the Electrochemical Society</i> , 2012 , 159, B702-B708	3.9	7
66	Forward energy flow, central charged-particle multiplicities, and pseudorapidity gaps in W and Z boson events from pp collisions at $(\sqrt{s}=7) \text{ TeV}$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	11
65	J/ψ and $\psi(2S)$ production in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	69
64	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 4\ell$ channel in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	24
63	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $(\sqrt{s_{NN}} = 2.76 \text{ TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	51
62	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 4\ell$ decay channel in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	11
61	Search for $(B)_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	52
60	Search for a Higgs boson in the decay channel $H \rightarrow ZZ^* \rightarrow q(\overline{q}) \mu^+ \mu^-$ in pp collisions at $(\sqrt{s} = 7) \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	21
59	Search for microscopic black holes in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	34
58	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 $(\sqrt{s} = 7) \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	13
57	Measurement of the mass difference between top and antitop quarks. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	13
56	Prompt and non-prompt J/ψ production in pp collisions at $(\sqrt{s} = 7) \text{ TeV}$. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	118

55	Strange particle production in proton-proton collisions at ($\sqrt{s}=0.9$) (TeV) with ALICE at the LHC. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	127
54	Production of pions, kaons and protons in pp collisions at ($\sqrt{s}= 900\text{~}\text{GeV}$) with ALICE at the LHC. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	176
53	Measurement of the ($\text{t}\bar{\text{t}}$) production cross section in pp collisions at ($\sqrt{s}=7$) TeV using the kinematic properties of events with leptons and jets. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	35
52	Charged particle multiplicities in pp interactions at ($\sqrt{s} = 0.9$), 2.36, and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	89
51	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
50	Search for heavy stable charged particles in pp collisions at ($\sqrt{s} = 7\text{;TeV}$). <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	34
49	Inclusive b-hadron production cross section with muons in pp collisions at ($\sqrt{s} = 7\text{;TeV}$). <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	21
48	Measurement of ($\text{B}\bar{\text{B}}$) 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
47	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
46	Measurement of Bose-Einstein correlations in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	22
45	Strange particle production in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	78
44	Search for large extra dimensions in the diphoton final state at the Large Hadron Collider. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	21
43	Search for resonances in the dilepton mass distribution in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	32
42	Search for physics beyond the standard model in opposite-sign dilepton events in pp collisions at ($\sqrt{s} = 7\text{;TeV}$). <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	26
41	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
40	Search for supersymmetry in events with a lepton, a photon, and large missing transverse energy in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	10
39	Measurement of the ($\text{t}\bar{\text{t}}$) 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
38	Long-range and short-range dihadron angular correlations in central PbPb collisions at ($\sqrt{s_{\text{NN}}}$) = 2.76 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	56

37	Search for light resonances decaying into pairs of muons as a signal of new physics. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	12
36	Search for supersymmetry in events with b jets and missing transverse momentum at the LHC. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	28
35	Search for same-sign top-quark pair production at ($\sqrt{s} = 7$) TeV and limits on flavour changing neutral currents in the top sector. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	39
34	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
33	Measurement of the inclusive Z cross section via decays to tau pairs in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	17
32	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
31	Search for new physics with jets and missing transverse momentum in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	46
30	Search for supersymmetry in pp collisions at ($\sqrt{s} = 7$) TeV in events with a single lepton, jets, and missing transverse momentum. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	32
29	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
28	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
27	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
26	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
25	Measurement of energy flow at large pseudorapidities in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV 2011 , 2011, 1		5
24	First proton-proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at ($\sqrt{s}=900$) GeV. <i>European Physical Journal C</i> , 2010 , 65, 111-125	4-2	113
23	Charged-particle multiplicity measurement in proton-proton collisions at ($\sqrt{s}=0.9$) and 2.36 TeV with ALICE at LHC. <i>European Physical Journal C</i> , 2010 , 68, 89-108	4-2	179
22	Charged-particle multiplicity measurement in proton-proton collisions at ($\sqrt{s}=7$) TeV with ALICE at LHC. <i>European Physical Journal C</i> , 2010 , 68, 345-354	4-2	173
21	First measurement of the underlying event activity at the LHC with ($\sqrt{s} = 0.9$) TeV. <i>European Physical Journal C</i> , 2010 , 70, 555-572	4-2	36
20	CMS tracking performance results from early LHC operation. <i>European Physical Journal C</i> , 2010 , 70, 1165-1192	4-2	99

19	Observation of long-range, near-side angular correlations in proton-proton collisions at the LHC. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	389
18	Modification of jet-like correlations in PbAu collisions at 158A GeV/c. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 678, 259-263	4.2	4
17	Azimuthal dependence of pion source radii in Pb+Au collisions at 158A GeV/c. <i>Physical Review C</i> , 2008 , 78,	2.7	13
16	Modification of the Υ meson detected by low-mass electron-positron pairs in central PbAu collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 666, 425-429	4.2	76
15	The CERES/NA45 radial drift Time Projection Chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 593, 203-231 ^{1.2}	1.2	14
14	Scale-dependence of transverse momentum correlations in PbAu collisions at. <i>Nuclear Physics A</i> , 2008 , 811, 179-196	1.3	25
13	Strange particle production and elliptic flow from CERES. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2006 , 32, S97-S104	2.9	6
12	Leptonic and charged kaon decay modes of the phi meson measured in heavy-ion collisions at the CERN super proton synchrotron. <i>Physical Review Letters</i> , 2006 , 96, 152301	7.4	39
11	Strange and charged particle elliptic flow in Pb+Au collisions at 158 AGeV/c. <i>Nuclear Physics A</i> , 2006 , 774, 503-506	1.3	6
10	Latest results on pair production in CERES. <i>Nuclear Physics A</i> , 2005 , 749, 160-165	1.3	2
9	Event-by-event fluctuations at SPS. <i>Nuclear Physics A</i> , 2005 , 752, 394-397	1.3	12
8	Semihard scattering unraveled from collective dynamics by two-pion azimuthal correlations in 158A GeV/c Pb+Au collisions. <i>Physical Review Letters</i> , 2004 , 92, 032301	7.4	56
7	Event-by-event fluctuations of the mean transverse momentum in 40, 80, and 158 AGeV/c Pb+Au collisions. <i>Nuclear Physics A</i> , 2003 , 727, 97-119	1.3	103
6	Beam energy and centrality dependence of two-pion Bose-Einstein correlations at SPS energies. <i>Nuclear Physics A</i> , 2003 , 714, 124-144	1.3	78
5	Anisotropic flow in 4.2A GeV/c C+Ta collisions. <i>Physical Review C</i> , 2003 , 67,	2.7	3
4	Enhanced production of low-mass electron-positron pairs in 40-AGeV Pb-Au collisions at the CERN SPS. <i>Physical Review Letters</i> , 2003 , 91, 042301	7.4	117
3	Universal pion freeze-out in heavy-ion collisions. <i>Physical Review Letters</i> , 2003 , 90, 022301	7.4	70
2	Event anisotropy in 4.2A GeV/c C + C collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2001 , 27, 183-189	2.9	9

