

Thomas A Ferguson

List of Publications by Year in Descending Order

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

1,048
papers

43,084
citations

89
h-index

155
g-index

1,063
ext. papers

46,563
ext. citations

5
avg, IF

6.29
L-index

#	Paper	IF	Citations
1048	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
1047	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
1046	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
1045	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	
1044	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
1043	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
1042	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
1041	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
1040	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
1039	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
1038	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
1037	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	
1036	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
1035	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
1034	Development and validation of HERWIG γ tunes from CMS underlying-event measurements. <i>European Physical Journal C</i> , 2021 , 81, 312	4.2	1
1033	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
1032	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

1031	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
1030	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
1029	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
1028	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
1027	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
1026	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
1025	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
1024	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
1023	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
1022	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
1021	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
1020	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
1019	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
1018	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
1017	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
1016	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
1015	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
1014	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

1013	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
1012	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
1011	Measurement of single-diffractive dijet production in proton-proton collisions at with the CMS and TOTEM experiments. <i>European Physical Journal C</i> , 2020 , 80, 1164	4.2	0
1010	Measurement of differential cross sections and charge ratios for W -channel single top quark production in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 370	4.2	4
1009	Measurement of $(\bar{t}t)$ normalised multi-differential cross sections in (pp) collisions at $(\sqrt{s}=13, \text{TeV})$, and simultaneous determination of the strong coupling strength, top quark pole mass, and parton distribution functions. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	13
1008	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
1007	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
1006	Study of central exclusive production in proton-proton collisions at and 13TeV. <i>European Physical Journal C</i> , 2020 , 80, 718	4.2	2
1005	Search for resonant production of second-generation sleptons with same-sign dimuon events in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 305	4.2	2
1004	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
1003	Combined measurements of Higgs boson couplings in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 421	4.2	153
1002	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
1001	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
1000	Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at $(\sqrt{s} = 13, \text{TeV})$. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
999	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
998	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
997	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
996	Search for rare decays of W and Higgs bosons to $W\gamma$ and a photon in proton-proton collisions at $\sqrt{s} = 13$. <i>European Physical Journal C</i> , 2019 , 79, 94	4.2	7

995	Search for $(\overline{\mathit{t}}\mathit{H})$ production in the (H) to $(\overline{\mathit{b}}\mathit{b})$ decay channel with leptonic $(\overline{\mathit{t}}\mathit{t})$ decays in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	17
994	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
993	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
992	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
991	Measurement of exclusive γ photoproduction in ultraperipheral pPb collisions at. <i>European Physical Journal C</i> , 2019 , 79, 702	4.2	13
990	Measurement of exclusive photoproduction from protons in Pb collisions at. <i>European Physical Journal C</i> , 2019 , 79, 277	4.2	19
989	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
988	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
987	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
986	Measurement of the differential Drell-Yan cross section in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	6
985	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
984	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
983	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
982	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $= 13$. <i>European Physical Journal C</i> , 2018 , 78, 291	4.2	17
981	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
980	Measurement of associated Z + charm production in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 287	4.2	11
979	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
978	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

977	Measurements of the $(\text{pp}) \rightarrow \text{ZZ}$ production cross section and the $(\text{Z}) \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at $(\sqrt{s} = 13, \text{TeV})$ 2018 , 78, 1		3
976	Search for $(\text{t}) \rightarrow \text{tH}$ 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
975	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
974	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
973	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
972	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
971	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
970	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
969	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
968	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
967	Studies of ρ 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
966	Search for a heavy resonance decaying into a Z boson and a Z or W boson in Zq final states at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	7
965	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
964	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
963	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
962	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
961	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
960	Search for dark matter produced in association with a Higgs boson decaying to $\text{b}\bar{\text{b}}$ ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	7

959	Search for a heavy resonance decaying into a Z boson and a vector boson in the $(\nu_{\overline{q}})$ final state. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
958	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
957	Measurement of prompt and nonprompt charmonium suppression in collisions at 5.02. <i>European Physical Journal C</i> , 2018 , 78, 509	4.2	37
956	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying τ leptons at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	23
955	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
954	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
953	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
952	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
951	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
950	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
949	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
948	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
947	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
946	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
945	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
944	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
943	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
942	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

941	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
940	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
939	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
938	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
937	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
936	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
935	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
934	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
933	Measurement of the ($\overline{\mathrm{t}}\mathrm{t}$) 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
932	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
931	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
930	Search for new phenomena with multiple charged leptons in proton-proton collisions at ($\sqrt{s}=13$) (,text {TeV}). <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	2
929	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
928	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
927	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
926	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
925	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
924	Measurement of dijet azimuthal decorrelation in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 536	4.2	6

923	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
922	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
921	Measurement of the ($\overline{\text{t}}\text{t}$) production cross section in the e $\bar{\text{e}}$ 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
920	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
919	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
918	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
917	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
916	Event generator tunes obtained from underlying event and multiparton scattering measurements. <i>European Physical Journal C</i> , 2016 , 76, 155	4.2	250
915	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
914	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into $\tau\tau$ leptons in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	16
913	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
912	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
911	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
910	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
909	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
908	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
907	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
906	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

905	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
904	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
903	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
902	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
901	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
900	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
899	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
898	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
897	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
896	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
895	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
894	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
893	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
892	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
891	Measurement of the ($\overline{t}t$) production cross section in the dilepton channel in pp collisions at (\sqrt{s}) = 8 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	43
890	Studies of azimuthal dihadron correlations in ultra-central PbPb collisions at ($\sqrt{s_{NN}}$) = 2.76 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	60
889	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
888	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

887	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=8$ TeV in dilepton final states containing one τ lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 739, 23-43	4.2	17
886	Measurement of the ratio $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 33-57	4.2	41
885	Constraints on the Higgs boson width from off-shell production and decay to Z-boson pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 64-85	4.2	116
884	Search for top-squark pairs decaying into Higgs or Z bosons in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 371-397	4.2	57
883	Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at $(\sqrt{s_{\text{NN}}}) = 5.02$ (,text {TeV}). <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	67
882	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
881	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
880	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
879	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
878	Event activity dependence of $(Y)(nS)$ production in $(\sqrt{s_{\text{NN}}}) = 5.02$ TeV pPb and $(\sqrt{s}) = 2.76$ TeV pp collisions. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	42
877	. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
876	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
875	Search for $W \rightarrow tb$ decays in the lepton + jets final state in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	23
874	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
873	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
872	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
871	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
870	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

869	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
868	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
867	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
866	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
865	Probing color coherence effects in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 2901	4-2	13
864	Inclusive search for a vector-like T quark with charge . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 729, 149-171	4-2	103
863	Modification of jet shapes in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 730, 243-263	4-2	124
862	Search for baryon number violation in top-quark decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 731, 173-196	4-2	9
861	Observation of the associated production of a single top quark and a W boson in pp collisions at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , 2014 , 112, 231802	7-4	62
860	Evidence for the direct decay of the 125 GeV Higgs boson to fermions. <i>Nature Physics</i> , 2014 , 10, 557-560	16.2	90
859	Observation of a peaking structure in the J/ψ mass spectrum from $B \rightarrow J/\psi K$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 734, 261-281	4-2	83
858	Search for supersymmetry in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 733, 328-353	4-2	50
857	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
856	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
855	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
854	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
853	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
852	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

851	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
850	Measurement of the production cross section for a W boson and two b jets in pp collisions at $s=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 735, 204-225	4.2	19
849	Search for excited quarks in the n -jet final state in proton-proton collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 738, 274-293	4.2	21
848	Search for pair production of third-generation scalar leptoquarks and top squarks in proton-proton collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 739, 229-249	4.2	56
847	Alignment of the CMS tracker with LHC and cosmic ray data. <i>Journal of Instrumentation</i> , 2014 , 9, P06009-P06009	4.2	24
846	Measurement of jet fragmentation in PbPb and pp collisions at $s_{NN}=2.76$ TeV. <i>Physical Review C</i> , 2014 , 90,	2.7	89
845	Measurement of higher-order harmonic azimuthal anisotropy in PbPb collisions at $s_{NN}=2.76$ TeV. <i>Physical Review C</i> , 2014 , 89,	2.7	109
844	Search for top squark and Higgsino production using diphoton Higgs boson decays. <i>Physical Review Letters</i> , 2014 , 112, 161802	7.4	38
843	Search for anomalous production of events with three or more leptons in pp collisions at $s=8$ TeV. <i>Physical Review D</i> , 2014 , 90,	4.9	64
842	Measurement of inclusive W and Z boson production cross sections in pp collisions at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , 2014 , 112, 191802	7.4	54
841	Measurements of $t\bar{t}$ spin correlations and top-quark polarization using dilepton final states in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2014 , 112, 182001	7.4	49
840	Search for top-quark partners with charge $5/3$ in the same-sign dilepton final state. <i>Physical Review Letters</i> , 2014 , 112, 171801	7.4	58
839	Search for jet extinction in the inclusive jet- p_T spectrum from proton-proton collisions at $s=8$ TeV. <i>Physical Review D</i> , 2014 , 90,	4.9	5
838	Measurement of the W and Z inclusive cross sections in pp collisions at $s=7$ TeV and limits on anomalous triple gauge boson couplings. <i>Physical Review D</i> , 2014 , 89,	4.9	28
837	Search for the standard model Higgs boson produced in association with a W or a Z boson and decaying to bottom quarks. <i>Physical Review D</i> , 2014 , 89,	4.9	145
836	Search for flavor-changing neutral currents in top-quark decays $t \rightarrow Zq$ in pp collisions at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , 2014 , 112, 171802	7.4	46
835	Measurement of the muon charge asymmetry in inclusive $pp \rightarrow W+X$ production at $s=7$ TeV and an improved determination of light parton distribution functions. <i>Physical Review D</i> , 2014 , 90,	4.9	63
834	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

833	Evidence of b-jet quenching in PbPb collisions at $\sqrt{s(NN)}=2.76$ TeV. <i>Physical Review Letters</i> , 2014 , 113, 132301	7.4	62
832	Search for $WW\Box$ and $WZ\Box$ production and constraints on anomalous quartic gauge couplings in pp collisions at $s=8$ TeV. <i>Physical Review D</i> , 2014 , 90,	4.9	24
831	Measurement of the ratio of inclusive jet cross sections using the anti-kT algorithm with radius parameters $R=0.5$ and 0.7 in pp collisions at $s=7$ TeV. <i>Physical Review D</i> , 2014 , 90,	4.9	36
830	Measurement of four-jet production in proton-proton collisions at $s=7$ TeV. <i>Physical Review D</i> , 2014 , 89,	4.9	23
829	Measurement of the properties of a Higgs boson in the four-lepton final state. <i>Physical Review D</i> , 2014 , 89,	4.9	260
828	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
827	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
826	Description and performance of track and primary-vertex reconstruction with the CMS tracker. <i>Journal of Instrumentation</i> , 2014 , 9, P10009-P10009	1	279
825	Identification techniques for highly boosted W bosons that decay into hadrons. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	32
824	Searches for light- and heavy-flavour three-jet resonances in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 730, 193-214	4.2	35
823	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
822	Search for the associated production of the Higgs boson with a top-quark pair 2014 , 2014, 1		6
821	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
820	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
819	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
818	Study of exclusive two-photon production of $W+W\Box$ 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
817	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
816	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

815	Studies of jet mass in dijet and W/Z + jet events. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	39
814	Measurement of the $(\overline{\text{t}}\text{t})$ 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
813	Measurement of the X(3872) production cross section via decays to $J/\psi \eta$ in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	44
812	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
811	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
810	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
809	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
808	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
807	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
806	Search for flavor changing neutral currents in top quark decays in pp collisions at 7 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 1252-1272	4-2	16
805	Search for supersymmetry in events with photons and low missing transverse energy in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 42-61	4-2	20
804	Angular analysis and branching fraction measurement of the decay $B^0 \rightarrow K^* \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 77-100	4-2	35
803	Search for a new bottomonium state decaying to $\gamma \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 57-76	4-2	31
802	Measurement of the $W+W$ and ZZ production cross sections in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 721, 190-211	4-2	72
801	Measurement of neutral strange particle production in the underlying event in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , 2013 , 88,	4-9	5
800	Observation of a diffractive contribution to dijet production in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , 2013 , 87,	4-9	20
799	Measurement of the production cross section for $(\text{Z}\gamma \text{ to } \nu \overline{\nu})$ 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
798	Measurement of the W-boson helicity in top-quark decays from $(\overline{\text{t}}\text{t})$ 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

797	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
796	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
795	Search for charged Higgs bosons: combined results using LEP data. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	120
794	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
793	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
792	Measurement of the ($\bar{t}t$) production cross section in the $\mu\mu$ jets channel in pp collisions at ($\sqrt{s}=7$ TeV). <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	21
791	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
790	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
789	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
788	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
787	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
786	Measurement of the $W+W\gamma$ cross section in pp collisions at ($\sqrt{s} = 7$ TeV) and limits on anomalous $WW\gamma$ and WWZ couplings. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	56
785	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
784	Measurement of the ZZ production cross section and search for anomalous couplings in $2\mu\mu$ final states in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	39
783	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
782	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
781	Measurement of the inelastic proton-proton cross section at $s=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 722, 5-27	4.2	74
780	Event shapes and azimuthal correlations in Z+jets events in pp collisions at $s=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 722, 238-261	4.2	30

779	Measurement of the $\sigma_{\text{had}}^{\text{had}}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 720, 83-104	4.2	42
778	Search for a narrow, spin-2 resonance decaying to a pair of Z bosons in the $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 1208-1228	4.2	9
777	Searches for Higgs bosons in pp collisions at $\sqrt{s}=7$ and 8 TeV in the context of four-generation and fermiophobic models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 36-59	4.2	13
776	Search for heavy narrow dilepton resonances in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 720, 63-82	4.2	78
775	Search for a χ_{c1} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 1229-1251	4.2	31
774	Search for anomalous production of highly boosted Z bosons decaying to $\mu\mu$ in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 722, 28-47	4.2	6
773	Measurement of the prompt $\mu\mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 381-402	4.2	83
772	Search for gluino mediated bottom- and top-squark production in multijet final states in pp collisions at 8 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 243-270	4.2	50
771	Search for a non-standard-model Higgs boson decaying to a pair of new light bosons in four-muon final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 564-586	4.2	26
770	Multiplicity and transverse momentum dependence of two- and four-particle correlations in pPb and PbPb collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 213-240	4.2	315
769	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. <i>Physics Reports</i> , 2013 , 532, 119-244	27.7	291
768	Search for excited leptons in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 720, 309-329	4.2	8
767	Search for a Higgs boson decaying into a Z and a photon in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 587-609	4.2	73
766	Search for a Higgs boson decaying into a b-quark pair and produced in association with b quarks in proton-proton collisions at 7 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 722, 207-232	4.2	39
765	Search for long-lived particles in events with photons and missing energy in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 722, 273-294	4.2	28
764	Measurement of the $\sigma_{\text{had}}^{\text{had}}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 101-125	4.2	44
763	Study of the mass and spin-parity of the Higgs boson candidate via its decays to Z boson pairs. <i>Physical Review Letters</i> , 2013 , 110, 081803	7.4	235
762	Search for heavy resonances in the W/Z-tagged dijet mass spectrum in pp collisions at 7 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 280-301	4.2	12

761	Forward-Backward asymmetry of Drell-Yan lepton pairs in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 752-772	4.2	24
760	Studies of jet quenching using isolated-photon + jet correlations in PbPb and pp collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 773-794	4.2	109
759	Observation of long-range, near-side angular correlations in pPb collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 795-814	4.2	452
758	Search for new physics in events with opposite-sign leptons, jets, and missing transverse energy in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 815-840	4.2	20
757	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
756	Measurement of differential top-quark-pair production cross sections in pp collisions at $(\sqrt{s} = 7\text{TeV})$. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	102
755	Search for narrow resonances using the dijet mass spectrum in pp collisions at $\sqrt{s}=8\text{TeV}$. <i>Physical Review D</i> , 2013 , 87,	4.9	63
754	Search for contact interactions in $\mu\mu$ -events in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Physical Review D</i> , 2013 , 87,	4.9	5
753	Measurement of the $B_s(0)\rightarrow\mu\mu$ branching fraction and search for $B(0)\rightarrow\mu\mu$ with the CMS experiment. <i>Physical Review Letters</i> , 2013 , 111, 101804	7.4	220
752	Interpretation of searches for supersymmetry with simplified models. <i>Physical Review D</i> , 2013 , 88,	4.9	52
751	Inclusive search for supersymmetry using razor variables in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Physical Review Letters</i> , 2013 , 111, 081802	7.4	41
750	Search for top squarks in R-parity-violating supersymmetry using three or more leptons and b-tagged jets. <i>Physical Review Letters</i> , 2013 , 111, 221801	7.4	35
749	Search for Z' resonances decaying to $t\bar{t}$ in dilepton+jets final states in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Physical Review D</i> , 2013 , 87,	4.9	33
748	Measurements of differential jet cross sections in proton-proton collisions at $\sqrt{s}=7\text{TeV}$ with the CMS detector. <i>Physical Review D</i> , 2013 , 87,	4.9	85
747	Search for new physics in final states with a lepton and missing transverse energy in pp collisions at the LHC. <i>Physical Review D</i> , 2013 , 87,	4.9	10
746	Rapidity distributions in exclusive Z+jet and μ -jet events in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Physical Review D</i> , 2013 , 88,	4.9	11
745	Search for fractionally charged particles in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Physical Review D</i> , 2013 , 87,	4.9	32
744	Measurement of the μS , μS , and μS polarizations in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Physical Review Letters</i> , 2013 , 110, 081802	7.4	71

743	Measurement of the azimuthal anisotropy of neutral pions in Pb-Pb collisions at $\sqrt{s}(\text{NN}) = 2.76$ TeV. <i>Physical Review Letters</i> , 2013 , 110, 042301	7.4	17
742	Evidence for associated production of a single top quark and W boson in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2013 , 110, 022003	7.4	54
741	Search for pair-produced dijet resonances in four-jet final states in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2013 , 110, 141802	7.4	41
740	Search for contact interactions using the inclusive jet pT spectrum in pp collisions at $s=7$ TeV. <i>Physical Review D</i> , 2013 , 87,	4.9	10
739	Search for pair production of third-generation leptoquarks and top squarks in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2013 , 110, 081801	7.4	40
738	Search for supersymmetry in events with opposite-sign dileptons and missing transverse energy using an artificial neural network. <i>Physical Review D</i> , 2013 , 87,	4.9	13
737	Measurement of the elliptic anisotropy of charged particles produced in PbPb collisions at $s_{\text{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2013 , 87,	2.7	148
736	Search for supersymmetry in final states with a single lepton, b-quark jets, and missing transverse energy in proton-proton collisions at $s=7$ TeV. <i>Physical Review D</i> , 2013 , 87,	4.9	9
735	Measurement of associated production of vector bosons and top quark-antiquark pairs in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2013 , 110, 172002	7.4	34
734	Energy calibration and resolution of the CMS electromagnetic calorimeter in pp collisions at $\sqrt{s}=7$ TeV. <i>Journal of Instrumentation</i> , 2013 , 8, P09009-P09009	1	111
733	Identification of b-quark jets with the CMS experiment. <i>Journal of Instrumentation</i> , 2013 , 8, P04013-P04013		376
732	The performance of the CMS muon detector in proton-proton collisions at $\sqrt{s}=7$ TeV at the LHC. <i>Journal of Instrumentation</i> , 2013 , 8, P11002-P11002	1	74
731	Combined results of searches for the standard model Higgs boson in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 26-48	4.2	437
730	Measurement of isolated photon production in pp and PbPb collisions at $s_{\text{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 256-277	4.2	111
729	Jet momentum dependence of jet quenching in PbPb collisions at $s_{\text{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 712, 176-197	4.2	144
728	Study of high-p T charged particle suppression in PbPb compared to pp collisions at ($\sqrt{s_{\text{NN}}}=2.76\sim\text{TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	316
727	Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at ($\sqrt{s_{\text{NN}}}= 2.76 \text{ TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	158
726	Jet production rates in association with W and Z bosons in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	37

7 ²⁵	Exclusive $B \rightarrow B^* \mu \mu$ production in proton-proton collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	45
7 ²⁴	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
7 ²³	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
7 ²²	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
7 ²¹	Suppression of non-prompt J/ψ prompt J/ψ and (Υ)(1S) in PbPb collisions at ($\sqrt{s} = 2.76$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	184
7 ²⁰	Search for heavy bottom-like quarks in 4.9 fb ⁻¹ of pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	44
7 ¹⁹	Measurement of the cross section for production of ($\overline{b} X$) decaying to muons in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	3
7 ¹⁸	Measurement of the $Z/\nu + b$ -jet cross section in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	24
7 ¹⁷	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
7 ¹⁶	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
7 ¹⁵	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
7 ¹⁴	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
7 ¹³	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
7 ¹²	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
7 ¹¹	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
7 ¹⁰	Search for anomalous (\overline{t}) production in the highly-boosted all-hadronic final state. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	57
7 ⁰⁹	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
7 ⁰⁸	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

707	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
706	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
705	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
704	Search for exclusive or semi-exclusive Υ production and observation of exclusive and semi-exclusive $e+e\Upsilon$ production in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	45
703	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
702	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
701	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
700	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
699	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
698	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
697	Search for third-generation leptoquarks and scalar bottom quarks in pp collisions at ($\sqrt{s}=7$;TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	12
696	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
695	A new boson with a mass of 125 GeV observed with the CMS experiment at the Large Hadron Collider. <i>Science</i> , 2012 , 338, 1569-75	33-3	71
694	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
693	Study of the inclusive production of charged pions, kaons, and protons in pp collisions at ($\sqrt{s} = 0.9, 2.76, \text{ and } 7\sim\mathrm{TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	133
692	A search for a doubly-charged Higgs boson in pp collisions at ($\sqrt{s} = 7\mathrm{TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	111
691	Measurement of the top-quark mass in ($\overline{\mathrm{t}}\mathrm{t}$) events with dilepton final states in pp collisions at ($\sqrt{s}=7\mathrm{TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	36
690	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-proton collisions at ($\sqrt{s} = 7\mathrm{TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	17

689	Measurement of the relative prompt production rate of and in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2251	4.2	46
688	Inclusive and differential measurements of the tt charge asymmetry in proton-proton collisions at $s=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 717, 129-130	4.2	57
687	Forward energy flow, central charged-particle multiplicities, and pseudorapidity gaps in W and Z boson events from pp collisions at $(\sqrt{s}=7)$ TeV. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	11
686	J/ψ and ψ(2S) production in pp collisions at $(\sqrt{s}=7\text{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	69
685	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 2\mu\mu$ channel in pp collisions at $(\sqrt{s}=7\text{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	24
684	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 2\mu\mu$ decay channel in pp collisions at $(\sqrt{s}=7\text{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	11
683	Search for $(B_{\text{c}}^{\pm})_{\text{c}} \rightarrow \mu^{\pm} \nu_{\mu}$ and $B_0 \rightarrow \mu^{\pm} \nu_{\mu}$ decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	52
682	Search for a Higgs boson in the decay channel $H \rightarrow ZZ(*) \rightarrow q(\overline{q}) \mu\mu$ in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	21
681	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
680	Measurement of the inclusive production cross sections for forward jets and for dijet events with one forward and one central jet in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	13
679	Measurement of the mass difference between top and antitop quarks. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	13
678	Azimuthal anisotropy of charged particles at high transverse momenta in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 022301	7.4	95
677	Inclusive search for squarks and gluinos in pp collisions at $s=7$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	40
676	Combined search for the quarks of a sequential fourth generation. <i>Physical Review D</i> , 2012 , 86,	4.9	23
675	Missing transverse energy performance of the CMS detector. <i>Journal of Instrumentation</i> , 2011 , 6, P09001-P09004	4.9	104
674	Measurement of the ratio of the 3-jet to 2-jet cross sections in pp collisions at $s=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 702, 336-354	4.2	13
673	Search for first generation scalar leptoquarks in the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 703, 246-266	4.2	11
672	Search for resonances in the dijet mass spectrum from 7 TeV pp collisions at CMS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 123-142	4.2	111

671	Search for physics beyond the standard model using multilepton signatures in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 411-433	4.2	28
670	Prompt and non-prompt J/ψ production in pp collisions at ($\sqrt{s} = 7$) TeV. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	118
669	Test of the ψ model of Bose-Einstein correlations and reconstruction of the source function in hadronic Z-boson decay at LEP. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	13
668	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
667	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
666	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
665	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
664	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
663	Measurement of ($\overline{\text{B}}\text{B}$) 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
662	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
661	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
660	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
659	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
658	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
657	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
656	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
655	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
654	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

653	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
652	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
651	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
650	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
649	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
648	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
647	Dependence on pseudorapidity and on centrality of charged hadron production in PbPb collisions at ($\sqrt{s_{\text{NN}}}$) = 2.76) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	87
646	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
645	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
644	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
643	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
642	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
641	Generalized event shape and energy flow studies in e^+e^- annihilation at (\sqrt{s} = 91.2 - } 208.0) GeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	1
640	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
639	Measurement of the $t\bar{t}$ production cross section in pp collisions at 7 TeV in lepton+jets events using b-quark jet identification. <i>Physical Review D</i> , 2011 , 84,	4-9	44
638	Upsilon production cross section in pp collisions at $s=7$ TeV. <i>Physical Review D</i> , 2011 , 83,	4-9	77
637	Measurement of the differential cross section for isolated prompt photon production in pp collisions at 7 TeV. <i>Physical Review D</i> , 2011 , 84,	4-9	45
636	Measurement of the B_s^0 Production Cross Section with $B_s^0 \rightarrow J/\psi$ Decays in pp Collisions at $s=7$ TeV. <i>Physical Review D</i> , 2011 , 84,	4-9	31

635	Observation and studies of jet quenching in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2011 , 84,	2.7	395
634	Search for microscopic black hole signatures at the Large Hadron Collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 697, 434-453	4.2	61
633	Search for a heavy gauge boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 21-39	4.2	26
632	Search for supersymmetry in pp collisions at 7 TeV in events with jets and missing transverse energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 196-218	4.2	166
631	Measurement of the differential dijet production cross section in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 700, 187-206	4.2	44
630	Search for a . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 701, 160-179	4.2	26
629	Search for a heavy bottom-like quark in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 701, 204-223	4.2	28
628	Measurement of the isolated prompt photon production cross section in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 082001	7.4	57
627	Search for $B(s)(0) \rightarrow \mu^+ \mu^-$ and $B(0) \rightarrow \mu^+ \mu^-$ decays in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 191802	7.4	44
626	Search for pair production of second-generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 201803	7.4	13
625	Search for supersymmetry at the LHC in events with jets and missing transverse energy. <i>Physical Review Letters</i> , 2011 , 107, 221804	7.4	188
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623	Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in events with two photons and missing transverse energy. <i>Physical Review Letters</i> , 2011 , 106, 211802	7.4	45
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618	Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 132001	7.4	94

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616	Search for neutral minimal supersymmetric standard model Higgs bosons decaying to tau pairs in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 231801	7-4	63
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614	Measurement of the t-channel single top quark production cross section in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 091802	7-4	63
613	Search for stopped Gluinos in pp collisions at square root $s=7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 011801	7-4	38
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582	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

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561	Comparison of $D \rightarrow K S_0 \pi$ and $D \rightarrow K L_0 \pi$ decay rates. <i>Physical Review Letters</i> , 2008 , 100, 091801	7.4	28
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558	Observation of $J/\psi \rightarrow 3\gamma$. <i>Physical Review Letters</i> , 2008 , 101, 101801	7.4	15
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535	Measurement of the eta-meson mass using $\psi(2S) \rightarrow \eta J/\psi$. <i>Physical Review Letters</i> , 2007 , 99, 122002	7.4	11
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460	Study of the semileptonic charm decays $D(0) \rightarrow \pi(-)l(+)\nu$ and $D(0) \rightarrow K(-)l(+)\nu$. <i>Physical Review Letters</i> , 2005 , 94, 011802	7.4	40
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458	Observation of the $hc(1P1)$ state of charmonium. <i>Physical Review Letters</i> , 2005 , 95, 102003	7.4	83
457	Search for rare and forbidden decays $D^+ \rightarrow h^+ e^+ e^-$. <i>Physical Review Letters</i> , 2005 , 95, 221802	7.4	19
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455	Observation of $1(-)0(-)$ final states from $\psi(2S)$ decays and $e(+)e(-)$ annihilation. <i>Physical Review Letters</i> , 2005 , 94, 012005	7.4	34
454	Photon transitions in Upsilon(2S) and Upsilon(3S) decays. <i>Physical Review Letters</i> , 2005 , 94, 032001	7.4	46
453	Precision measurements of the timelike electromagnetic form factors of pion, kaon, and proton. <i>Physical Review Letters</i> , 2005 , 95, 261803	7.4	101
452	Improved measurement of $B(D^+ \rightarrow \mu^+ \nu)$ and the pseudoscalar decay constant f_{D^+} . <i>Physical Review Letters</i> , 2005 , 95, 251801	7.4	107
451	Study of Λ Decays to Four-Hadron Final States with Kaons. <i>Physical Review Letters</i> , 2005 , 94,	7.4	16
450	Branching fractions for $\psi(2S)$ -to- J/ψ transitions. <i>Physical Review Letters</i> , 2005 , 94, 232002	7.4	33
449	Absolute branching fraction measurements of exclusive D^0 semileptonic decays. <i>Physical Review Letters</i> , 2005 , 95, 181802	7.4	36
448	Absolute branching fraction measurements of exclusive D^+ semileptonic decays. <i>Physical Review Letters</i> , 2005 , 95, 181801	7.4	25
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445	Photon transitions in $\Upsilon(2S)$ decays to $\Upsilon J(1P)$ and $\Upsilon(1S)$. <i>Physical Review D</i> , 2004 , 70,	4.9	40
444	Observation of the Hadronic transitions $\chi(b_{1,2})(2P) \rightarrow \omega \Upsilon(1S)$. <i>Physical Review Letters</i> , 2004 , 92, 222002	7.4	20
443	First observation and Dalitz analysis of the $D^0 \rightarrow K(0) S \pi(0)$ decay. <i>Physical Review Letters</i> , 2004 , 93, 111801	7.4	25
442	Search for CP violation in $D^0 \rightarrow K S^0 \pi^0$. <i>Physical Review D</i> , 2004 , 70,	4.9	25
441	Cabibbo-suppressed decays of $D^+ \rightarrow \pi^0 \pi^+ K^0, K^+ K^0, K^+ \pi^0$. <i>Physical Review D</i> , 2004 , 69,	4.9	9
440	Moments of the B meson inclusive semileptonic decay rate using neutrino reconstruction. <i>Physical Review D</i> , 2004 , 70,	4.9	30
439	Charm meson spectra in e^+e^- annihilation at 10.5 GeV center of mass energy. <i>Physical Review D</i> , 2004 , 70,	4.9	50
438	Measurement of the B-meson inclusive semileptonic branching fraction and electron-energy moments. <i>Physical Review D</i> , 2004 , 70,	4.9	32

437	First observation of a $(1D)$ state. <i>Physical Review D</i> , 2004 , 70,	4.9	58
436	Measurement of the decay rate of $B^0 \rightarrow pK^0$ relative to $B^0 \rightarrow \pi$. <i>Physical Review D</i> , 2004 , 69,	4.9	3
435	Search for the lepton-flavor-violating leptonic $B(0) \rightarrow \mu(+/-)\tau(-/+)$ and $B(0) \rightarrow e(+/-)\tau(-/+)$. <i>Physical Review Letters</i> , 2004 , 93, 241802	7.4	8
434	Measuring $B(D^+ \rightarrow \pi^0)$ and the pseudoscalar decay constant f_{D^+} . <i>Physical Review D</i> , 2004 , 70,	4.9	35
433	New measurements of $(1S)$ decays to charmonium final states. <i>Physical Review D</i> , 2004 , 70,	4.9	20
432	Observation of $e^+e^- \rightarrow \gamma\gamma$ production in $\gamma\gamma$ fusion at CLEO. <i>Physical Review Letters</i> , 2004 , 92, 142001	7.0	78
431	Measurement of the atmospheric muon spectrum from 20 to 3000 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 598, 15-32	4.2	79
430	Measurement of the Z-boson mass using $e^+e^- \rightarrow Z\gamma$ events at centre-of-mass energies above the Z pole. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 585, 42-52	4.2	8
429	Muon-pair and tau-pair production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 585, 53-62	4.2	10
428	Search for scalar leptons and scalar quarks at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 580, 37-49	4.2	80
427	Search for colour singlet and colour reconnection effects in hadronic Z decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 581, 19-30	4.2	7
426	Flavour independent search for neutral Higgs bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 583, 14-27	4.2	16
425	Single- and multi-photon events with missing energy in e^+e^- collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 587, 16-32	4.2	84
424	Inclusive Lambda production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 586, 140-150	4.2	1
423	Measurement of triple-gauge-boson couplings of the W boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 586, 151-166	4.2	42
422	Search for anomalous couplings in the Higgs sector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 589, 89-102	4.2	18
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420	Measurement of exclusive π^0 production in high- Q^2 two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 597, 26-38	4.2	3

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4 ¹⁸	Measurement of the cross section of W-boson pair production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 600, 22-40	4.2	27
4 ¹⁷	Inclusive jet production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 602, 157-166	4.2	7
4 ¹⁶	Measurement of exclusive $\mu\mu$ production in mid-virtuality two-photon interactions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 604, 48-60	4.2	2
4 ¹⁵	Studies of hadronic event structure in e+e- annihilation from 30 to 209GeV with the L3 detector. <i>Physics Reports</i> , 2004 , 399, 71-174	27.7	79
4 ¹⁴	Reactivity and chemical synthesis of L-pyrrolysine- the 22(nd) genetically encoded amino acid. <i>Chemistry and Biology</i> , 2004 , 11, 1317-24		54
4 ¹³	Measurement of exclusive $\mu\mu$ production in two-photon collisions at high Q ² at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 568, 11-22	4.2	26
4 ¹²	Search for a Higgs boson decaying to weak boson pairs at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 568, 191-204	4.2	14
4 ¹¹	Search for charged Higgs bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 575, 208-220	4.2	37
4 ¹⁰	Measurement of charged-particle multiplicity distributions and their Hq moments in hadronic Z decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 577, 109-119	4.2	13
4 ⁰⁹	Swelling phenomena in anode wires aging under a high accumulated dose. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 515, 266-277	1.2	8
4 ⁰⁸	Gas gain and space charge effects in aging tests of gaseous detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 515, 283-287	1.2	1
4 ⁰⁷	Search for excited leptons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 568, 23-34	4.2	21
4 ⁰⁶	Proton-antiproton pair production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 571, 11-20	4.2	8
4 ⁰⁵	Z boson pair-production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 572, 133-144	4.2	15
4 ⁰⁴	Search for doubly-charged Higgs bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 576, 18-28	4.2	60
4 ⁰³	Aging tests of full-scale CMS muon cathode strip chambers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 515, 226-233	1.2	7
4 ⁰²	Inclusive charged hadron production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 554, 105-114	4.2	15

401	Measurement of W polarisation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 557, 147-156	4.2	16
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399	Search for the Standard Model Higgs boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 565, 61-75	4.2	1044
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395	Measurement of lepton momentum moments in the decay $B \rightarrow Xl$ and determination of the heavy quark expansion parameters and $ V_{cb} $. <i>Physical Review D</i> , 2003 , 67,	4.9	14
394	Branching fractions of tau leptons to three charged hadrons. <i>Physical Review Letters</i> , 2003 , 90, 181802	7.4	35
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391	Study of the charmless inclusive $B \rightarrow \pi X$ decay. <i>Physical Review D</i> , 2003 , 68,	4.9	10
390	Study of the q^2 dependence of $B \rightarrow \pi\pi$ and of $B \rightarrow \rho\pi$ and extraction of $ V_{ub} $. <i>Physical Review D</i> , 2003 , 68,	4.9	66
389	Determination of the $B \rightarrow D^* l$ decay width and $ V_{cb} $. <i>Physical Review D</i> , 2003 , 67,	4.9	24
388	Inclusive π production from the $\Upsilon(1S)$. <i>Physical Review D</i> , 2003 , 67,	4.9	12
387	Search for baryons in the radiative penguin decay $b \rightarrow s \gamma$. <i>Physical Review D</i> , 2003 , 68,	4.9	4
386	Measurements of the branching fractions and helicity amplitudes in $B \rightarrow D^* \pi$ decays. <i>Physical Review D</i> , 2003 , 67,	4.9	17
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382	Aging studies of CMS muon chamber prototypes. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 488, 240-257 ^{1,2}		9
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375	Study of multiphoton final states and tests of QED in e^+e^- collisions at s up to 209 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 531, 28-38	4.2	10
374	Double-tag events in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 531, 39-51	4.2	18
373	Search for a Higgs boson decaying into two photons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 534, 28-38	4.2	21
372	Inclusive D^{*0} production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 535, 59-69	4.2	8
371	$\bar{\Lambda}$ and Λ pair production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 536, 24-33	4.2	12
370	Determination of Ξ s from hadronic event shapes in e^+e^- annihilation at 192-208 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 536, 217-228	4.2	31
369	The $e^+e^- \rightarrow Z \rightarrow qq$ reaction at LEP and constraints on anomalous quartic gauge boson couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 540, 43-51	4.2	16
368	Measurement of genuine three-particle Bose-Einstein correlations in hadronic Z decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 540, 185-198	4.2	13
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366	Measurement of Bose-Einstein correlations in $e^+e^- \rightarrow W+W$ events at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 547, 139-150	4.2	21

365	Production of single W bosons at LEP and measurement of WW gauge coupling parameters. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 547, 151-163	4.2	15
364	Search for single top production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 549, 290-300	4.2	55
363	Search for charmless $B \rightarrow VV$ decays. <i>Physical Review Letters</i> , 2002 , 88, 021802	7.4	14
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361	Search for $B_0 \rightarrow \bar{D}D$ decay. <i>Physical Review D</i> , 2002 , 65,	4.9	12
360	Observation of $B(0) \rightarrow D_0\pi(0)$ and $B(0) \rightarrow D(*0)\pi(0)$. <i>Physical Review Letters</i> , 2002 , 88, 062001	7.4	41
359	Measurements of inclusive $B \rightarrow \psi$ production. <i>Physical Review Letters</i> , 2002 , 89, 282001	7.4	12
358	Dalitz analysis of $D_0 \rightarrow K(0)(S)\pi(+)\pi(-)$. <i>Physical Review Letters</i> , 2002 , 89, 251802	7.4	95
357	Measurement of exclusive B decays to final states containing a charmed baryon. <i>Physical Review D</i> , 2002 , 66,	4.9	28
356	Measurement of $B(B \rightarrow D_0)$ and $B(B_0 \rightarrow D^+)$ and isospin analysis of $B \rightarrow D$ decays. <i>Physical Review D</i> , 2002 , 66,	4.9	20
355	Measurement of the ratio of branching fractions of the \bar{B}_d^0 to charged and neutral B mesons. <i>Physical Review D</i> , 2002 , 66,	4.9	17
354	First measurement of $\langle D^{*+} \rangle$ and precision measurement of $m_{D^{*+}} - m_{D_0}$. <i>Physical Review D</i> , 2002 , 65,	4.9	138
353	Search for neutrinoless \bar{B} decays involving the K_S^0 meson. <i>Physical Review D</i> , 2002 , 66,	4.9	6
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351	Observation of exclusive $B \rightarrow D^{(*)}K^{(*)}$ decays. <i>Physical Review Letters</i> , 2002 , 88, 101803	7.4	9
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349	Measurement of the masses and widths of the $\bar{\Lambda}^{++}$ and $\bar{\Lambda}_0$ charmed baryons. <i>Physical Review D</i> , 2002 , 65,	4.9	12
348	Observation of the decay $\Omega(0)(c) \rightarrow \Omega(-)e^{(+)}\nu(e)$. <i>Physical Review Letters</i> , 2002 , 89, 171803	7.4	12

347	Improved measurement of V_{ub} with inclusive semileptonic B decays. <i>Physical Review Letters</i> , 2002 , 88, 231803	7.4	60
346	Measurement of $B(D \rightarrow K^* l \nu(l))$. <i>Physical Review Letters</i> , 2002 , 89, 222001	7.4	4
345	Search for CP violation in $\tau \rightarrow K(\pi) \nu(\tau)$ decays. <i>Physical Review Letters</i> , 2002 , 88, 111803	7.4	31
344	Further experimental studies of two-body radiative B decays. <i>Physical Review D</i> , 2002 , 65,	4.9	10
343	Improved measurement of $ V_{cb} $ using $B \rightarrow D^* l \nu$ decays. <i>Physical Review Letters</i> , 2002 , 89, 081803	7.4	23
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330	Search for heavy isosinglet neutrino in e^+e^- annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 517, 67-74	4.2	52

329	Search for heavy neutral and charged leptons in e^+e^- annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 517, 75-85	4.2	106
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327	Total cross section in e^+e^- collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 519, 33-45	4.2	34
326	Measurement of the topological branching fractions of the B_c lepton at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 519, 189-198	4.2	3
325	Measurement of the tau branching fractions into leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 507, 47-60	4.2	10
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321	Dalitz analysis of the decay $D^0 \rightarrow K^+ K^- \pi^0$. <i>Physical Review D</i> , 2001 , 63,	4.9	103
320	Evidence for the decay $D^0 \rightarrow K^+ K^- \pi^0$. <i>Physical Review D</i> , 2001 , 64,	4.9	9
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311	Branching fraction and photon energy spectrum for $b \rightarrow s \gamma$. <i>Physical Review Letters</i> , 2001 , 87, 251807	7.4	353
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308	Search for CP violation in $D0 \rightarrow KS00$, $D0 \rightarrow 00$ and $D0 \rightarrow KS0KS0$ decays. <i>Physical Review D</i> , 2001 , 63,	4.9	25
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171	Energy and particle flow in three-jet and radiative two-jet events from hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 345, 74-84	4.2	10
170	Measurement of exclusive branching fractions of hadronic one-prong tau decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 345, 93-102	4.2	14
169	Measurement of energetic single-photon production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 346, 190-198	4.2	28
168	Search for neutralinos in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 350, 109-119	4.2	43

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159	Search for anomalous $Z \rightarrow \tau^+\tau^-$ events at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 609-616</i>	4.2	40
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152	Results from the L3 experiments at LEP. <i>Physics Reports, 1993, 236, 1-146</i>	27.7	231
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150	Search for lepton flavour violation in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 427-434</i>	4.2	31

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148	Determination of the effective electroweak mixing angle from Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 309, 451-462	4.2	1
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145	Inclusive search for the charmless radiative decay of the b-quark ($b \rightarrow s\gamma$). <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 317, 637-646	4.2	11
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138	An S matrix analysis of the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 315, 494-502	4.2	15
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129	Search for the neutral Higgs boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 283, 454-464	4.2	18
128	Determination of β_s from hadronic event shapes measured on the Z^0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 284, 471-481	4.2	58
127	A direct determination of the number of light neutrino families from at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 275, 209-221	4.2	28
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125	Measurement of the forward-backward asymmetries at the Z^0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 292, 454-462	4.2	27
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123	A measurement of τ polarization in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 294, 466-478	4.2	32
122	Search for isosinglet neutral heavy leptons in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 295, 371-382	4.2	76
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120	Decay properties of tau leptons measured at the Z^0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 265, 451-461	4.2	24
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107	A test of QCD based on 4-jet events from Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 248, 227-234	4.2	52
106	Determination of Ξ_s from jet multiplicities measured on the Z0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 248, 464-472	4.2	76
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86	Search for a neutral Higgs boson in B-meson decay. <i>Physical Review D</i> , 1989 , 40, 712-720	4.9	13
85	Study of the decay $B\text{-bar}^0 \rightarrow D$. <i>Physical Review Letters</i> , 1989 , 63, 1667-1670	7.4	47
84	Search for $b \rightarrow u$ transitions in exclusive hadronic B-meson decays. <i>Physical Review Letters</i> , 1989 , 62, 2436-2439	7.4	29
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78	Observation of the charmed strange baryon Xi c^0 . <i>Physical Review Letters</i> , 1989 , 62, 863-865	7.4	30

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72	A search for exclusive penguin decays of B mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 223, 470-475	4.2	40
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61	Measurement of the tau lifetime. <i>Physical Review D</i> , 1987 , 36, 690-701	4.9	21
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51	Inclusive phi production in B-meson decay. <i>Physical Review Letters</i> , 1986 , 56, 800-803	7.4	7
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48	Observation of the decay $B \rightarrow FX$. <i>Physical Review Letters</i> , 1986 , 56, 2781-2784	7.4	19
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24	Measurement of the Branching Fraction of the Decay $\psi(1S)\rightarrow\mu\mu$ <i>Physical Review Letters</i> , 1983 , 50, 877-880	7.4	17

23	Observation of Baryons in B-Meson Decay. <i>Physical Review Letters</i> , 1983 , 51, 1143-1146	7.4	20
22	Measurement of the Leptonic Branching Ratios of the $\psi(1S)$, $\psi(2S)$, and $\psi(3S)$. <i>Physical Review Letters</i> , 1983 , 50, 807-810	7.4	35
21	Semileptonic decays of B mesons. <i>Physical Review D</i> , 1983 , 27, 475-485	4.9	26
20	D^0 Spectrum from B-Meson Decay. <i>Physical Review Letters</i> , 1983 , 51, 347-350	7.4	34
19	Ruling out exotic models of b quark decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983 , 122, 317-321	4.2	18
18	The Decay of Heavy Flavor States in e^+e^- Annihilations 1983 , 387-403		
17	Decay of B Mesons into Charged and Neutral Kaons. <i>Physical Review Letters</i> , 1982 , 48, 1070-1074	7.4	31
16	Inclusive Charged D^* Production in e^+e^- Annihilations at $W=10.4$ GeV. <i>Physical Review Letters</i> , 1982 , 49, 610-613	7.4	34
15	Charged-Particle Multiplicities in B-Meson Decay. <i>Physical Review Letters</i> , 1982 , 49, 357-360	7.4	46
14	Measurement of the Branching Ratio of $\psi(3S) \rightarrow \mu^+\mu^-\psi(1S)$. <i>Physical Review Letters</i> , 1982 , 49, 617-620	7.4	24
13	Measurement of the Branching of $\psi(2S) \rightarrow \mu^+\mu^-\psi(1S)$. <i>Physical Review Letters</i> , 1981 , 46, 1181-1184	7.4	32
12	Decay of b-Flavored Hadrons to Single-Muon and Dimuon Final States. <i>Physical Review Letters</i> , 1981 , 46, 88-91	7.4	69
11	Evidence for New-Flavor Production at the $\psi(4S)$. <i>Physical Review Letters</i> , 1981 , 46, 84-87	7.4	80
10	Observation of a Fourth Upsilon State in e^+e^- Annihilations. <i>Physical Review Letters</i> , 1980 , 45, 219-221	7.4	112
9	Observation of Three Upsilon States. <i>Physical Review Letters</i> , 1980 , 44, 1108-1111	7.4	102
8	Evidence for Unequal Lifetimes of the D^0 and D^+ . <i>Physical Review Letters</i> , 1980 , 45, 329-332	7.4	72
7	Measurement of the Branching Ratios for $B \rightarrow \mu^+\mu^-$ and $B \rightarrow \mu^+\mu^- \gamma$ <i>Physical Review Letters</i> , 1979 , 42, 6-9	7.4	12
6	Nature of the χ Coupling. <i>Physical Review Letters</i> , 1979 , 42, 749-752	7.4	109

5	Semileptonic Decays on the D Meson. <i>Physical Review Letters</i> , 1979 , 43, 1073-1076	7.4	126
4	Production of $n\bar{K}$ and $\bar{n}K$ in e^+e^- Annihilations. <i>Physical Review D</i> , 1979 , 19, 1935-1949	4.9	
3	The production of K in e^+e^- Annihilations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1978 , 79, 161-164	4.2	2
2	Measurement of the D Semileptonic Branching Ratio in e^+e^- Annihilation at the $\Upsilon(3770)$. <i>Physical Review Letters</i> , 1978 , 40, 671-674	7.4	90
1	Measurement of the Threshold Behavior of $\bar{n}D$ Production in e^+e^- Annihilation. <i>Physical Review Letters</i> , 1978 , 41, 13-15	7.4	86