

# Hesheng Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1759829/publications.pdf>

Version: 2024-02-01

680  
papers

33,137  
citations

5558

82  
h-index

8370

147  
g-index

703  
all docs

703  
docs citations

703  
times ranked

12833  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for $X(3872)$ in Pb-Pb Collisions and Studies of its Prompt Production at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	2.9	23
2	Amplitude analysis and branching fraction measurement of the decay $D_s^+ \rightarrow \tau^+ \nu_\tau$ . Journal of High Energy Physics, 2022, 2022, 1.	1.6	5
3	First Measurement of Polarizations in the Decay $D^0 \rightarrow \mu^+ \mu^- \nu_\mu \bar{\nu}_\mu$ . Physical Review Letters, 2022, 128, 032001.	2.9	0
4	Measurement of the Cross Section for $e^+e^- \rightarrow \mu^+\mu^- \nu_e \bar{\nu}_e$ at Energies from 2.2324 to 3.6710 GeV. Physical Review Letters, 2022, 128, 062004.	2.9	12
5	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. Journal of High Energy Physics, 2022, 2022, 1.	2.9	9
6	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. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
7	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. Journal of High Energy Physics, 2022, 2022, 1.	1.6	5
8	Joint Determination of Reactor Antineutrino Spectra from $\bar{\nu}_e \rightarrow \mu^+ \nu_\mu$ and $\bar{\nu}_e \rightarrow \tau^+ \nu_\tau$ and $\bar{\nu}_e \rightarrow \mu^+ \nu_\mu$ and $\bar{\nu}_e \rightarrow \tau^+ \nu_\tau$ decaying to leptons with large impact parameter in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 153.	2.9	12
9	Search for long-lived particles decaying to leptons with large impact parameter in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 153.	1.4	14
10	Study of dijet events with large rapidity separation in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	1
11	Using $Z \rightarrow \mu^+\mu^-$ Boson Events to Study Parton-Medium Interactions in Pb-Pb Collisions. Physical Review Letters, 2022, 128, 122301.	2.9	11
12	Search for strongly interacting massive particles generating trackless jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 213.	1.4	3
13	Observation of the Singly Cabibbo Suppressed Decay $D^0 \rightarrow \mu^+ \mu^- \nu_\mu \bar{\nu}_\mu$ . Physical Review Letters, 2022, 128, 142001.	2.9	17
14	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 290.	1.4	18
15	Amplitude analysis and branching-fraction measurement of $D_s^+ \rightarrow \tau^+ \nu_\tau$ . Journal of High Energy Physics, 2022, 2022, 1.	1.6	0
16	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. Journal of High Energy Physics, 2022, 2022, 1.	1.6	13
17	Search for long-lived particles decaying into muon pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV collected with a dedicated high-rate data stream. Journal of High Energy Physics, 2022, 2022, 1.	1.6	5
18	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	12

#	ARTICLE	IF	CITATIONS
19	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. Journal of High Energy Physics, 2022, 2022, 1.	1.6	2
20	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
21	Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	5
22	Search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	5
23	Measurement of the inclusive $\overline{t}t$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	2
24	Search for the decay $h \rightarrow \tau^+ \tau^-$ . Journal of High Energy Physics, 2022, 2022, 1.	1.6	0
25	Search for heavy resonances decaying to a pair of Lorentz-boosted Higgs bosons in final states with leptons and a bottom quark pair at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, .	1.6	2
26	Search for higgsinos decaying to two Higgs bosons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, .	1.6	4
27	Search for new hadronic decays of $h$ and observation of $h \rightarrow \overline{p} \eta$ . Journal of High Energy Physics, 2022, 2022, .	1.6	0
28	Cross section measurements of the $e^+e^- \rightarrow \tau^+ D^* + D^{*\tau^-}$ and $e^+e^- \rightarrow \tau^+ D^* + D^{*\tau^-}$ processes at center-of-mass energies from 4.085 to 4.600 GeV. Journal of High Energy Physics, 2022, 2022, .	1.6	2
29	Observation of $B^0 \rightarrow \psi(2S) K^0_{\text{S}} \psi(2S) K^0_{\text{S}}$ and $B^0_{\text{S}} \rightarrow \psi(2S) K^0_{\text{S}} \psi(2S) K^0_{\text{S}}$ decays. European Physical Journal C, 2022, 82, .	1.4	1
30	Search for the lepton flavor violating decay $\tau \rightarrow 3\ell$ in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	3
31	Search for dark matter produced in association with a leptonically decaying $Z$ boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 13.	1.4	33
32	Search for top squark pair production using dilepton final states in $pp$ collision data collected at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 3. <a href="https://arxiv.org/abs/2105.08001">Observation of a Near-Threshold Structure in the <math>\gamma\gamma \rightarrow t\bar{t}</math> Process</a>	1.4	33
33	$K^0 \rightarrow \pi^+ \pi^- \pi^0$ Recoil-Mass Spectra in $B^0 \rightarrow \pi^+ \pi^- \pi^0$ Decays. Physical Review Letters, 2021, 126, 102001.	2.9	135
34	Search for dark photons in Higgs boson production via vector boson fusion in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	14
35	Measurements of $pp \rightarrow ZZ$ production cross sections and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 200.	1.4	24
36	Measurement of the inclusive and differential Higgs boson production cross sections in the leptonic $WW$ decay mode at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	15



#	ARTICLE	IF	CITATIONS
55	Observations on the Initial State of Pb-Pb Collisions via Measurements of $Z$ -Boson Yields and Azimuthal Anisotropy at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2021, 127, 022001.	2.9	5
56	Search for a heavy vector resonance decaying to a $Z$ boson and a Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 688.	1.4	9
57	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 723.	1.4	19
58	Direct Measurement of the Branching Fractions $B(\tilde{\chi}^0(3686) \rightarrow \tilde{\chi}^0 \gamma)$ and $B(\tilde{\chi}^0(3770) \rightarrow \tilde{\chi}^0 \gamma)$ , and Observation of the State $R(3760)$ in $e^+e^- \rightarrow \tilde{\chi}^0 \gamma$ . Physical Review Letters, 2021, 127, 082002.	2.9	1
59	First Measurement of the Absolute Branching Fraction of $\tilde{\chi}^0(3686) \rightarrow \tilde{\chi}^0 \gamma$ . Physical Review Letters, 2021, 127, 022001.	2.9	16
60	Measurements of angular distance and momentum ratio distributions in three-jet and $Z$ + two-jet final states in $pp$ collisions. European Physical Journal C, 2021, 81, 852.	1.4	2
61	Observation of Forward Neutron Multiplicity Dependence of Dimuon Acoplanarity in Ultraperipheral Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2021, 127, 122001.	2.9	16
62	Precision luminosity measurement in proton-proton collisions at $\sqrt{s} = 13$ TeV in 2015 and 2016 at CMS. European Physical Journal C, 2021, 81, 800.	1.4	123
63	Measurement of the Absolute Branching Fraction of $\tilde{\chi}^0(3686) \rightarrow \tilde{\chi}^0 \gamma$ via $e^+e^- \rightarrow \tilde{\chi}^0 \gamma$ . Physical Review Letters, 2021, 127, 022001.	2.9	16
64	Observation of $e^+e^- \rightarrow \tilde{\chi}^0 \gamma$ ( $2S$ ) at center-of-mass energies from 4.236 to 4.600 GeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	0
65	Measurements of the Electroweak Diboson Production Cross Sections in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV Using Leptonic Decays. Physical Review Letters, 2021, 127, 191801.	2.9	6
66	Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 970.	1.4	18
67	Observation of the decays $\tilde{\chi}^0 \rightarrow \tilde{\chi}^0 \gamma$ + c.c.. Journal of High Energy Physics, 2021, 2021, 1.	1.6	0
68	Measurement of branching fractions of $\tilde{\chi}^0$ and $\tilde{\chi}^0(3686)$ decays to $\tilde{\chi}^0 \gamma$ and $\tilde{\chi}^0 \gamma$ . Journal of High Energy Physics, 2021, 2021, 1.	1.6	3
69	Search for Long-Lived Particles Decaying in the CMS End Cap Muon Detectors in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2021, 127, 261804.	2.9	17
70	Observation of the Production of Three Massive Gauge Bosons at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2020, 125, 151802.	2.9	20
71	Investigation into the event-activity dependence of $\tilde{\chi}^0(nS)$ relative production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	12

#	ARTICLE	IF	CITATIONS
73	Bose-Einstein correlations of charged hadrons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
74	A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution. Computing and Software for Big Science, 2020, 4, 10.	1.3	21
75	Search for electroweak production of a vector-like T quark using fully hadronic final states. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
76	Search for a heavy pseudoscalar Higgs boson decaying into a 125 GeV Higgs boson and a Z boson in final states with two tau and two light leptons at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
77	Measurement of properties of $B_s^0 \rightarrow \tau^+ \nu_\tau$ decays and search for $B \rightarrow \tau^+ \nu_\tau$ with the CMS experiment. Journal of High Energy Physics, 2020, 2020, 1.	1.6	41
78	Search for a light pseudoscalar Higgs boson in the boosted $t\bar{t}$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	23
79	Measurement of $t\bar{t}$ polarization in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	2.9	38
80	Measurement of $t\bar{t}$ polarization in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	2.9	33
81	Improved Constraints on Sterile Neutrino Mixing from Disappearance Searches in the MINOS, Daya Bay, and Bugey-3 Experiments. Physical Review Letters, 2020, 125, 071801.	2.9	40
82	Measurement of quark- and gluon-like jet fractions using jet charge in PbPb and pp collisions at 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	10
83	Measurement of the cross section for $t\bar{t}$ production with additional jets and b jets in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	5
84	Search for charged Higgs bosons decaying into a top and a bottom quark in the all-jet final state of pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	41
85	Search for heavy Higgs bosons decaying to a top quark pair in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	37
86	Measurement of the Jet Mass Distribution and Top Quark Mass in Hadronic Decays of Boosted Top Quarks in $t\bar{t}$ Collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	2.9	13
87	Observation of the Doubly Cabibbo-Suppressed Decay $D \rightarrow K^+ K^- \pi^0$ and Search for $D \rightarrow K^+ K^- \pi^0$ in $D^0$ and $D^+$ Decays. Physical Review Letters, 2020, 125, 141802.	2.9	14
88	Observation of the Doubly Cabibbo-Suppressed Decay $D \rightarrow K^+ K^- \pi^0$ and Search for $D \rightarrow K^+ K^- \pi^0$ in $D^0$ and $D^+$ Decays. Physical Review Letters, 2020, 125, 141802.	2.9	14
89	Observation of $X(2370)$ and search for $X(2120)$ in $J/\psi \rightarrow \gamma K^* \eta$ . European Physical Journal C, 2020, 80, 1.	1.4	13
90	Study of central exclusive "Equation missing" $\leftarrow$ No EquationSource Format="TEX", only image $\rightarrow$ production in proton-proton collisions at $\sqrt{s} = 5.02$ TeV and 13 TeV. European Physical Journal C, 2020, 80, 718.	1.4	7

#	ARTICLE	IF	CITATIONS
91	Search for physics beyond the standard model in events with jets and two same-sign or at least three charged leptons in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 752.	1.4	23
92	Studies of Charm Quark Diffusion inside Jets Using Pb-Pb and $\langle m \rangle$ Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2020, 125, 102001.	2.9	9
93	Search for physics beyond the standard model in multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	25
94	Search for decays of the 125 GeV Higgs boson into a Z boson and a $\rho$ meson. Journal of High Energy Physics, 2020, 2020, 1.	1.6	6
95	Evidence for Top Quark Production in Nucleus-Nucleus Collisions. Physical Review Letters, 2020, 125, 222001.	2.9	7
96	Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment. Journal of High Energy Physics, 2020, 2020, 1.	1.6	21
97	Search for high mass dijet resonances with a new background prediction method in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	66
98	Search for supersymmetry in proton-proton collisions at $\sqrt{s} = 13$ TeV in events with high-momentum Z bosons and missing transverse momentum. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
99	Measurement of the absolute branching fraction of the inclusive decay $\Lambda_c^+ \rightarrow K_S^0 X$ . European Physical Journal C, 2020, 80, 1.	1.4	2
100	Measurement of top quark pair production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	20
101	Search for an excited lepton that decays via a contact interaction to a lepton and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
102	Search for new neutral Higgs bosons through the $\text{H} \rightarrow \text{Z} \text{A} \rightarrow \text{e}^+ \text{e}^- \text{b} \bar{\text{b}}$ process in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	27
103	Determination of Strong-Phase Parameters in $D \rightarrow K_S^0 \ell^+ \ell^-$ . Physical Review Letters, 2020, 124, 241802.	2.9	21
104	Measurements of Absolute Branching Fractions of Fourteen Exclusive Hadronic $D$ Decays to $\ell^+ \ell^- \text{b} \bar{\text{b}}$ . Physical Review Letters, 2020, 124, 241803.	2.9	17
105	Study of Open-Charm Decays and Radiative Transitions of the $\chi_c(3872)$ . Physical Review Letters, 2020, 124, 242001.	2.9	17
106	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in $\text{PbPb}$ collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. European Physical Journal C, 2020, 80, 534.	1.4	14
107	First Observation of $D \rightarrow \ell^+ \ell^- \text{b} \bar{\text{b}}$ and Measurement of Its Decay Dvn. Physical Review Letters, 2020, 124, 231801.	2.9	18
108	Measurement of the cross section for electroweak production of a Z boson, a photon and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV and constraints on anomalous quartic couplings. Journal of High Energy Physics, 2020, 2020, 1.	1.6	20

#	ARTICLE	IF	CITATIONS
109	Determination of the strong coupling constant $\hat{\alpha}_S(m_Z)$ from measurements of inclusive $W\hat{\alpha}_\pm$ and Z boson production cross sections in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	6
110	Measurement of the top quark forward-backward production asymmetry and the anomalous chromoelectric and chromomagnetic moments in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	7
111	Search for top squark pair production in a final state with two tau leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	1
112	Measurement of Proton Electromagnetic Form Factors in $e^+e^-$ Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2020, 124, 041803.	2.9	60
113	Lepton, a Highly Energetic Jet, and Large Missing Transverse Momentum in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2020, 124, 041803.	2.9	6
114	Evidence for $W$ production from double-parton interactions in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	10
115	Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 75.	1.4	78
116	Searches for physics beyond the standard model with the $M_{T2}$ variable in hadronic final states with and without disappearing tracks in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 3.	1.4	70
117	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. European Physical Journal C, 2020, 80, 4.	1.4	198
118	Measurement of the Cross Section for $e^+e^- \rightarrow \mu^+\mu^-$ at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2020, 124, 041802.	2.9	26
119	Polarizations in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2020, 124, 131802.	2.9	61
120	Search for lepton flavour violating decays of a neutral heavy Higgs boson to $\tau\mu$ , and $e\tau$ , in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	15
121	A search for the standard model Higgs boson decaying to charm quarks. Journal of High Energy Physics, 2020, 2020, 1.	1.6	20
122	Search for a Narrow Resonance Lighter than 200 GeV Decaying to a Pair of Muons in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2020, 124, 131802.	2.9	61
123	Search for a heavy Higgs boson decaying to a pair of W bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	25
124	Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
125	Measurement of the top quark pair production cross section in dilepton final states containing one $\tau$ , lepton in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
126	Observation of a Resonant Structure in $e^+e^- \rightarrow \mu^+\mu^-$ at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2020, 124, 112001.	2.9	38



#	ARTICLE	IF	CITATIONS
127	Search for a charged Higgs boson decaying into top and bottom quarks in events with electrons or muons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	26
128	Dependence of inclusive jet production on the anti-kT distance parameter in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
129	Inclusive search for highly boosted Higgs bosons decaying to bottom quark-antiquark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	13
130	Measurement of single-diffractive dijet production in proton-proton collisions at $\sqrt{s} = 8$ , $\sqrt{s} = 13$ TeV with the CMS and TOTEM experiments. European Physical Journal C, 2020, 80, 1164.	1.4	5
131	Measurement of differential cross sections and charge ratios for t-channel single top quark production in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 370.	1.4	22
132	Measurement of normalised multi-differential cross sections in $pp$ collisions at $\sqrt{s} = 13$ TeV, and simultaneous determination of the strong coupling strength, top quark pole mass, and parton distribution functions. European Physical Journal C, 2020, 80, 1.	1.4	33
133	Observation of a Charged Charmoniumlike Structure in $e^+e^- \rightarrow \hat{1}^{\pm} \tilde{\chi}^{\pm} \tilde{J}/\tilde{\chi}^{\pm}$ at $s = 4.26$ GeV. , 2020, , .		0
134	Measurements of Absolute Hadronic Branching Fractions of the $\hat{1}^{\pm} c^+$ Baryon. , 2020, , .		0
135	Observation of $e^+e^- \rightarrow \hat{1}^{\pm} X(3802)$ at BESIII. , 2020, , .		0
136	Observation of a Near-Threshold Enhancement in the $pp\hat{1}^-$ Mass Spectrum from Radiative $J/\psi \rightarrow \hat{1}^{\pm} \tilde{\chi}^{\pm} pp\hat{1}^-$ Decays. , 2020, , .		0
137	BEPCII/BESIII. , 2020, , .		0
138	Measurements of the Cross Section for $e^+e^- \rightarrow \hat{1}^{\pm} \tilde{\chi}^{\pm} \tilde{J}/\tilde{\chi}^{\pm}$ Hadrons at Center-of-Mass Energies from 2 to 5 GeV. , 2020, , .		0
139	Observation of the Decay $\tilde{\chi}^{\pm}(2S) \rightarrow \tilde{\chi}^{\pm} K_S^0 K_L^0$ . , 2020, , .		0
140	Observation of a Resonance $X(1835)$ in $J/\psi \rightarrow \hat{1}^{\pm} \tilde{\chi}^{\pm} \tilde{J}/\tilde{\chi}^{\pm}$ . , 2020, , .		0
141	Precise Measurement of the $e^+e^- \rightarrow \hat{1}^{\pm} \tilde{\chi}^{\pm} \tilde{J}/\tilde{\chi}^{\pm}$ Cross Section at Center-of-Mass Energies from 3.77 to 4.60 GeV. , 2020, , .		0
142	Observation of a Charged Charmoniumlike Structure $Z_c(4020)$ and Search for the $Z_c(3900)$ in $e^+e^- \rightarrow \hat{1}^{\pm} \tilde{\chi}^{\pm} \tilde{J}/\tilde{\chi}^{\pm} hc$ . , 2020, , .		0
143	Observation of an Anomalous Line Shape of the $\hat{1}^{\pm} \tilde{\chi}^{\pm} \tilde{J}/\tilde{\chi}^{\pm}$ Mass Spectrum near the $pp\hat{1}^-$ Mass Threshold in $J/\psi \rightarrow \hat{1}^{\pm} \tilde{\chi}^{\pm} \tilde{J}/\tilde{\chi}^{\pm}$ . , 2020, , .		0
144	Search for heavy neutrinos and third-generation leptoquarks in hadronic states of two $\tilde{l}$ , leptons and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	33

#	ARTICLE	IF	CITATIONS
145	Search for a $W\epsilon^2$ boson decaying to a vector-like quark and a top or bottom quark in the all-jets final state. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
146	Search for top quark partners with charge 5/3 in the same-sign dilepton and single-lepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
147	Inclusive search for supersymmetry in pp collisions at $\sqrt{s}=13$ TeV using razor variables and boosted object identification in zero and one lepton final states. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
148	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. Journal of High Energy Physics, 2019, 2019, 1.	1.6	17
149	Search for excited leptons in $\hat{e}, \hat{\mu}, \hat{\tau}$ final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
150	Search for new particles decaying to a jet and an emerging jet. Journal of High Energy Physics, 2019, 2019, 1.	1.6	24
151	Search for a heavy resonance decaying to a top quark and a vector-like top quark in the lepton + jets final state in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	9
152	Search for supersymmetry in final states with photons and missing transverse momentum in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	8
153	Study of $e\bar{\nu}_e\bar{\nu}_e$ final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	2.9	54
154	Search for a Light Charged Higgs Boson Decaying to a $W$ Boson and a $C$ and Observation of $C$ -Odd Higgs Boson in Final States with $D$ Mesons in Pb-Pb Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2019, 123, 022003.	2.9	21
155	Search for charged Higgs bosons in the $H\bar{A}\pm\hat{\nu}_l$ decay channel in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	2.9	17
156	Extraction of the $U_{23}$ and $U_{33}$ elements of the CKM matrix from $B\rightarrow D^*U$ decays. Physical Review Letters, 2019, 123, 122003.	2.9	47
157	Search for supersymmetry with a compressed mass spectrum in the vector boson fusion topology with 1-lepton and 0-lepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
158	Search for Dark Matter Particles Produced in Association with a Top Quark Pair at $\sqrt{s}=13$ TeV. Physical Review Letters, 2019, 122, 011803.	2.9	12
159	Search for the Higgs Boson Decaying to Two Muons in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2019, 122, 021801.	2.9	37
160	Complete Measurement of the $W$ Boson Decay to Two Muons in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2019, 123, 122003.	2.9	44
161	Search for Dark Matter Particles Produced in Association with a Top Quark Pair at $\sqrt{s}=13$ TeV. Physical Review Letters, 2019, 122, 011803.	2.9	12
162	Search for the Higgs Boson Decaying to Two Muons in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2019, 122, 021801.	2.9	37



#	ARTICLE	IF	CITATIONS
181	Search for Narrow $H^{\pm 3}$ Resonances in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2019, 122, 081804.	2.9	3
182	Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
183	Measurement of inclusive and differential Higgs boson production cross sections in the diphoton decay channel in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
184	Search for resonant $\overline{\text{tt}}$ production in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	23
185	Precision Measurement of the Branching Fractions of $\hat{\Lambda}^{\pm 2}$ Decays. Physical Review Letters, 2019, 122, 142002.	2.9	10
186	Observation of Single Top Quark Production in Association with a Z Boson in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2019, 122, 132003.	2.9	30
187	States and Measurement of the Pseudoscalar Decay Constant $f_0$ . Physical Review Letters, 2019, 122, 061801.	2.9	62
188	Determination of the Pseudoscalar Decay Constant $f_0$ via $D^* \rightarrow D \pi$ . Physical Review Letters, 2019, 122, 071802.	2.9	33
189	Search for production of Higgs boson pairs in the four b quark final state using large-area jets in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
190	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. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
191	Search for heavy Majorana neutrinos in same-sign dilepton channels in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	40
192	First Measurement of the Form Factors in $D^* \rightarrow D \pi$ . Physical Review Letters, 2019, 122, 061801.	2.9	25
193	Measurement of the Form Factors in $D^* \rightarrow D \pi$ . Physical Review Letters, 2019, 122, 061801.	2.9	25
194	Search for resonances decaying to a pair of Higgs bosons in the $b\overline{b}q\overline{q}$ final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
195	Measurement of the differential Drell-Yan cross section in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	18
196	Search for the production of four top quarks in the single-lepton and opposite-sign dilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
197	Observation of the Leptonic Decay $D^* \rightarrow D \ell^+ \ell^-$ . Physical Review Letters, 2019, 122, 061801.	2.9	23
198	Observation of the Semileptonic Decay $D^* \rightarrow D \ell^+ \ell^-$ . Physical Review Letters, 2019, 122, 061801.	2.9	22

#	ARTICLE	IF	CITATIONS
199	Search for supersymmetry in proton-proton collisions at 13 TeV in final states with jets and missing transverse momentum. Journal of High Energy Physics, 2019, 2019, 1.	1.6	54
200	Search for Physics beyond the Standard Model in Events with Overlapping Photons and Jets. Physical Review Letters, 2019, 123, 241801.	2.9	1
201	Search for Low-Mass Quark-Antiquark Resonances Produced in Association with a Photon at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	2.9	23
202	Study of the $B^0 \rightarrow K^* \ell^+ \ell^-$ Decays in $B^0 \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 011804.	2.9	29
203	Dynamics and Test of Lepton Flavor Universality with $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 011804.	2.9	29
204	Search for dark photons in decays of Higgs bosons produced in association with Z bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
205	Search for supersymmetry using Higgs boson to diphoton decays at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	4
206	Search for anomalous triple gauge couplings in WW and WZ production in lepton + jet events in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	28
207	Search for anomalous triple gauge couplings in WW and WZ production in lepton + jet events in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	15
208	Study of the $B^0 \rightarrow \mu^+ \mu^- \gamma$ decay in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
209	Inclusive Search for a Highly Boosted Higgs Boson Decaying to a Bottom Quark-Antiquark Pair. Physical Review Letters, 2018, 120, 071802.	2.9	40
210	Observation of Electroweak Production of Same-Sign $W^+ W^-$ Boson Pairs in the Two Jet and Two Same-Sign Lepton Final State in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2018, 120, 092301.	2.9	86
211	Observation of Correlated Azimuthal Anisotropy Fourier Harmonics in $W^+ W^-$ and $Z \gamma$ Production in $pp$ Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2018, 120, 092301.	2.9	39
212	Search for $W^+ W^-$ and $Z \gamma$ Production in $pp$ Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2018, 120, 092301.	2.9	70
213	Precision Measurement of the $W^+ W^-$ Production Cross Section in $pp$ Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2018, 120, 132001.	2.9	66
214	Pseudorapidity distributions of charged hadrons in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ and $8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
215	Suppression of Excited $\Lambda(1520)$ States Relative to the Ground State in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ and $5.02$ TeV. Physical Review Letters, 2018, 120, 142301.	2.9	38
216	Search for resonant and nonresonant Higgs boson pair production in the $b \bar{b} \gamma \gamma$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	36
217	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 291.	1.4	27

#	ARTICLE	IF	CITATIONS
217	Measurements of the $\sigma(\text{pp} \rightarrow \text{ZZ})$ production cross section and the $\text{BR}(\text{Z} \rightarrow 4\ell)$ branching fraction, and constraints on anomalous triple gauge couplings at. European Physical Journal C, 2018, 78, 165.	1.4	52
218	Measurement of the inclusive $\sigma(\text{pp} \rightarrow \text{t}\bar{\text{t}})$ cross section in pp collisions at $\sqrt{s}=5.02$ TeV using final states with at least one charged lepton. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
219	Search for natural supersymmetry in events with top quark pairs and photons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	0
220	Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $s = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
221	Search for supersymmetry in events with at least three electrons or muons, jets, and missing transverse momentum in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
222	Combined search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	57
223	Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	63
224	Measurement of differential cross sections in the kinematic angular variable $\tilde{\chi}^*$ for inclusive Z boson production in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
225	Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
226	Measurement of normalized differential $\sigma(\text{pp} \rightarrow \text{t}\bar{\text{t}})$ cross sections in the dilepton channel from pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	18
227	Constraints on the double-parton scattering cross section from same-sign W boson pair production in proton-proton collisions at $s = 8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
228	Search for ZZ resonances in the $2\ell 2\ell$ final state in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
229	Search for $\sigma(\text{pp} \rightarrow \text{t}\bar{\text{t}}\text{H})$ production in the all-jet final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
230	Search for resonances in the mass spectrum of muon pairs produced in association with b quark jets in proton-proton collisions at $\sqrt{s}=8$ and 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	9
231	Measurement of the groomed jet mass in PbPb and pp collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
232	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. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
233	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. Journal of High Energy Physics, 2018, 2018, 1.	1.6	19
234	Search for natural and split supersymmetry in proton-proton collisions at $\sqrt{s}=13$ TeV in final states with jets and missing transverse momentum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	43

#	ARTICLE	IF	CITATIONS
235	Measurement of the Branching Fraction For the Semileptonic Decay $D_0(+)\hat{\alpha}^{\sim}(0)\hat{1}/4+\hat{1}/2\hat{1}/4$ and Test of Lepton Flavor Universality. <i>Physical Review Letters</i> , 2018, 121, 171803.	2.9	42
236	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.	1.6	12
237	Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state of two muons and two $\tilde{l}$ , leptons in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	34
238	Search for a charged Higgs boson decaying to charm and bottom quarks in proton-proton collisions at $\sqrt{s}=8$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	26
239	Search for top squarks decaying via four-body or chargino-mediated modes in single-lepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	13
240	Charged-particle nuclear modification factors in XeXe collisions at $\sqrt{s_{\mathrm{NN}}}=5.44$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	17
241	Measurement of the Absolute Branching Fraction of the Inclusive Semileptonic $\tilde{b}\rightarrow\tilde{c}l\bar{\nu}_l$ Decay. <i>Physical Review Letters</i> , 2018, 121, 251801.	2.9	19
242	Measurements of the differential jet cross section as a function of the jet mass in dijet events from proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	18
243	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.	1.6	57
244	Event shape variables measured using multijet final states in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	4
245	Search for Leptoquarks Coupled to Third-Generation Quarks in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , 2018, 121, 241802.	2.9	50
246	Measurement of the Electron Antineutrino Oscillation with 1958 Days of Operation at Daya Bay. <i>Physical Review Letters</i> , 2018, 121, 241805.	2.9	168
247	Searches for pair production of charginos and top squarks in final states with two oppositely charged leptons in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	23
248	Search for narrow and broad dijet resonances in proton-proton collisions at $\sqrt{s}=13$ TeV and constraints on dark matter mediators and other new particles. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	82
249	Search for $Z\tilde{1}^3$ 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.	1.6	17
250	Measurement of the production cross section for single top quarks in association with W bosons in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	17
251	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.	1.6	14
252	Search for supersymmetry in events with a $\tilde{l}$ , lepton pair and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	21

#	ARTICLE	IF	CITATIONS
253	Observation of Medium-Induced Modifications of Jet Fragmentation in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV Using Isolated Photon-Tagged Jets. <i>Physical Review Letters</i> , 2018, 121, 242301.	2.9	32
254	Search for the decay of a Higgs boson in the $\gamma\gamma$ channel in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	17
255	Evidence for the Associated Production of a Single Top Quark and a Photon in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , 2018, 121, 221802.	2.9	14
256	Measurement of differential cross sections for $Z$ boson production in association with jets in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>European Physical Journal C</i> , 2018, 78, 965.	1.4	39
257	Observation of the $Z \rightarrow \tau^+\tau^-$ Decay in pp Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , 2018, 121, 1418015		
258	Search for a heavy resonance decaying into a $Z$ boson and a $Z$ or $W$ boson in $2\ell$ final states at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	8
259	Measurement of charged particle spectra in minimum-bias events from proton-proton collisions at $\sqrt{s}=13$ TeV. <i>European Physical Journal C</i> , 2018, 78, 697.	1.4	17
260	Search for lepton-flavor violating decays of heavy resonances and quantum black holes to $e\tau$ final states in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	9
261	Azimuthal correlations for inclusive 2-jet, 3-jet, and 4-jet events in pp collisions at $\sqrt{s}=13$ TeV. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	9
262	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.	1.6	25
263	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.	1.6	13
264	Search for resonant pair production of Higgs bosons decaying to bottom quark-antiquark pairs in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	18
265	Search for vector-like $T$ and $B$ quark pairs in final states with leptons at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	42
266	Search for dark matter produced in association with a Higgs boson decaying to $\tau^+\tau^-$ or $\tau\nu$ , $\tau\bar{\nu}$ at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	12
267	Search for additional neutral MSSM Higgs bosons in the $\tau\tau$ final state in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	73
268	Search for Pair-Produced Resonances Each Decaying into at Least Four Quarks in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , 2018, 121, 141802.	2.9	4
269	Target station status of China Spallation Neutron Source. <i>Neutron News</i> , 2018, 29, 2-6.	0.1	10
270	Search for a heavy resonance decaying to a pair of vector bosons in the lepton plus merged jet final state at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	11



#	ARTICLE	IF	CITATIONS
271	Search for a heavy right-handed $W$ boson and a heavy neutrino in events with two same-flavor leptons and two jets at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
272	Search for a heavy resonance decaying into a $Z$ boson and a vector boson in the $u\bar{u}q\bar{q}$ final state. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
273	Measurement of the cross section for top quark pair production in association with a $W$ or $Z$ boson in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	35
274	Search for beyond the standard model Higgs bosons decaying into a $b\bar{b}$ pair in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	21
275	Observation of the $\tilde{\chi}_1^0(3P)$ and $\tilde{\chi}_2^0(3P)$ and Measurement of their Masses. Physical Review Letters, 2018, 121, 092002.	2.9	19
276	Search for lepton flavour violating decays of the Higgs boson to $\tau\mu$ , and $e\tau$ , in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29
277	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying $t$ , leptons at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	38
278	Observation of Higgs Boson Decay to Bottom Quarks. Physical Review Letters, 2018, 121, 121801.	2.9	219
279	Electroweak production of two jets in association with a $Z$ boson in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	17
280	Observation of proton-tagged, central (semi)exclusive production of high-mass lepton pairs in pp collisions at 13 TeV with the CMS-TOTEM precision proton spectrometer. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29
281	Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
282	Search for single production of vector-like quarks decaying to a $b$ quark and a Higgs boson. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
283	Search for the flavor-changing neutral current interactions of the top quark and the Higgs boson which decays into a pair of $b$ quarks at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	23
284	Search for a singly produced third-generation scalar leptoquark decaying to a $\tilde{\nu}_\tau$ , lepton and a bottom quark in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
285	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. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
286	Measurement of the inelastic proton-proton cross section at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	62
287	Search for disappearing tracks as a signature of new long-lived particles in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	31
288	Measurement of the Absolute Branching Fraction of the Inclusive Decay $\tilde{t} \rightarrow t\tilde{\chi}_1^0$ . Physical Review Letters, 2018, 121, 062003.	2.9	19

#	ARTICLE	IF	CITATIONS
289	Search for high-mass resonances in dilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	86
290	Search for Narrow Resonances in the $b\bar{b}$ -Tagged Dijet Mass Spectrum in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2018, 120, 201801.	2.9	36
291	Meson Azimuthal Anisotropy in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2018, 120, 202301.	2.9	70
292	Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	42
293	Precision Study of $D^0$ Decay Dynamics. Physical Review Letters, 2018, 120, 242003.	2.9	35
294	Jet properties in PbPb and pp collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
295	Search for a new scalar resonance decaying to a pair of Z bosons in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	37
296	Observation of $a_0(980)$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457 Td (stretchy="false")		

#	ARTICLE	IF	CITATIONS
307	Measurements of the $\overline{\sigma}(\text{pp} \rightarrow \text{lepton} + \text{jets})$ production cross section in lepton+jets final states in pp collisions at 8 TeV and ratio of 8 to 7 TeV cross sections. European Physical Journal C, 2017, 77, 15.	1.4	34
308	Amplitude Analysis of the Decays $\hat{\Gamma}(\hat{a}^2 \hat{a}^+ \hat{\Gamma} \hat{e} + \hat{\Gamma} \hat{e} \hat{a}^+ \hat{\Gamma} \hat{e})$ and $\hat{\Gamma}(\hat{a}^2 \hat{a}^+ \hat{\Gamma} \hat{e} \hat{e} \hat{e})$ . Physical Review Letters, 2017, 118, 012001.	2.0	28
309	Precise Measurement of the $\sigma(\text{pp} \rightarrow \text{e}^+ \text{e}^- \text{e}^+ \text{e}^-)$ Cross Section at Center-of-Mass Energies $\sqrt{s} = 7, 118, 092001$ .	1.8	182
310	Evidence of Two Resonant Structures in $\sigma(\text{pp} \rightarrow \text{e}^+ \text{e}^- \text{e}^+ \text{e}^-)$ . Physical Review Letters, 2017, 118, 092002.	2.0	189
311	Measurement of the $\overline{\sigma}(\text{pp} \rightarrow \text{e}^+ \text{e}^- \text{e}^+ \text{e}^-)$ production cross section using events in the $\mu^+ \mu^- \gamma$ final state in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 172.	1.4	40
312	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. Journal of High Energy Physics, 2017, 2017, 1.	1.6	54
313	Search for electroweak production of charginos in final states with two $\tilde{l}$ , leptons in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
314	Measurement of the production cross section of a $W$ boson in association with two b jets in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 92.	1.4	16
315	Measurement of the WZ production cross section in pp collisions at $\sqrt{s} = 7$ and 8 TeV and search for anomalous triple gauge couplings at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 236.	1.4	37
316	Measurement of prompt and nonprompt $J/\psi$ production in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2017, 77, 269.	1.4	53
317	A search for new phenomena in pp collisions at $\sqrt{s} = 13$ TeV in final states with missing transverse momentum and at least one jet using the $\alpha_T$ variable. European Physical Journal C, 2017, 77, 294.	1.4	29
318	Observation of Charge-Dependent Azimuthal Correlations in $\text{pp} \rightarrow \text{Pb} + \text{Pb}$ Collisions and Its Implication for the Search for the Chiral Magnetic Effect. Physical Review Letters, 2017, 118, 102301.	2.9	119
319	Search for Supersymmetry in $\text{pp} \rightarrow \text{e}^+ \text{e}^- \text{e}^+ \text{e}^-$ Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2017, 119, 152301.	2.9	15
320	Search for Supersymmetry in $\text{pp} \rightarrow \text{e}^+ \text{e}^- \text{e}^+ \text{e}^-$ Collisions at $\sqrt{s} = 13$ TeV in the Single Lepton Final State Using the Sum of Masses of Large-Radius Jets. Physical Review Letters, 2017, 119, 152301.	2.9	15
321	Meson Nuclear Modification Factor in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 152301.	2.9	62
322	Search for new physics in the monophoton final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	17
323	Measurement of double-differential cross sections for top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV and impact on parton distribution functions. European Physical Journal C, 2017, 77, 459.	1.4	52
324	Measurement of the jet mass in highly boosted $\overline{\sigma}(\text{pp} \rightarrow \text{jet} + \text{jet})$ events from pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 467.	1.4	23

#	ARTICLE	IF	CITATIONS
325	Search for Charged Higgs Bosons Produced via Vector Boson Fusion and Decaying into a Pair of W and Z Bosons Using pp Collisions at $s = 13 \text{ \AA} \text{ TeV}$ . Physical Review Letters, 2017, 119, 141802. Study of Jet Quenching with $Z$ Correlations in Pb-Pb and $p$ Collisions at $\sqrt{s} = 2.76 \text{ TeV}$ . Physical Review Letters, 2017, 119, 111802.	2.9	54
326	Search for Low Mass Vector Resonances Decaying to Quark-Antiquark Pairs in Proton-Proton Collisions at $\sqrt{s} = 13 \text{ TeV}$ . Physical Review Letters, 2017, 119, 111802.	2.9	32
327	Search for Low Mass Vector Resonances Decaying to Quark-Antiquark Pairs in Proton-Proton Collisions at $\sqrt{s} = 13 \text{ TeV}$ . Physical Review Letters, 2017, 119, 111802.	2.9	35
328	Charged-particle nuclear modification factors in PbPb and pPb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	103
329	Search for $t \bar{t}$ resonances in highly boosted lepton+jets and fully hadronic final states in proton-proton collisions at $s = 13 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
330	Determination of the Spin and Parity of the $Z$ boson in $t \bar{t}$ decays. Journal of High Energy Physics, 2017, 2017, 1.	2.9	74
331	Search for associated production of dark matter with a Higgs boson decaying to $b \bar{b}$ or $\tilde{\chi}^0_1 \tilde{\chi}^0_1$ at $s = 13 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
332	Observation of Top Quark Production in Proton-Nucleus Collisions. Physical Review Letters, 2017, 119, 242001.	2.9	23
333	Observation of $Y(1S)$ pair production in proton-proton collisions at $s = 8 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	48
334	Search for anomalous $Wtb$ couplings and flavour-changing neutral currents in $t$ -channel single top quark production in pp collisions at $s = 7 \text{ TeV}$ and $8 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	35
335	Search for single production of vector-like quarks decaying to a Z boson and a top or a bottom quark in proton-proton collisions at $s = 13 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	13
336	Measurement of the semileptonic $t \bar{t} \rightarrow \tau^+ \tau^- \tilde{\chi}^0_1$ production cross section in pp collisions at $s = 8 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
337	Measurements of the pp $\tilde{t} \tilde{t}^* \rightarrow W \tilde{\chi}^0_1 \tilde{\chi}^0_1$ and pp $\tilde{t} \tilde{t}^* \rightarrow Z \tilde{\chi}^0_1 \tilde{\chi}^0_1$ cross sections and limits on anomalous quartic gauge couplings at $s = 8 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
338	Measurements of differential production cross sections for a Z boson in association with jets in pp collisions at $s = 8 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
339	Search for heavy resonances decaying to tau lepton pairs in proton-proton collisions at $s = 13 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	23
340	Search for electroweak production of a vector-like quark decaying to a top quark and a Higgs boson using boosted topologies in fully hadronic final states. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
341	Measurement of the transverse momentum spectra of weak vector bosons produced in proton-proton collisions at $s = 8 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	23
342	Observation of $\tilde{t} \rightarrow t \tilde{\chi}^0_1$ production cross section in pp collisions at $s = 13 \text{ TeV}$ . Physical Review Letters, 2017, 118, 221802.	2.9	13

#	ARTICLE	IF	CITATIONS
343	Evolution of the Reactor Antineutrino Flux and Spectrum at Daya Bay. <i>Physical Review Letters</i> , 2017, 118, 251801.	2.9	129
344	Suppression and azimuthal anisotropy of prompt and nonprompt $\psi/\bar{\psi}$ production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>European Physical Journal C</i> , 2017, 77, 252.	1.4	82
345	Searches for pair production of third-generation squarks in $\sqrt{s} = 13$ TeV pp collisions. <i>European Physical Journal C</i> , 2017, 77, 327.	1.4	32
346	Measurement of the top quark mass using single top quark events in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2017, 77, 354.	1.4	23
347	Searches for pair production of prompt and nonprompt $\psi/\bar{\psi}$ production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>European Physical Journal C</i> , 2017, 77, 252.	2.9	24
348	Searches for invisible decays of the Higgs boson in pp collisions at $\sqrt{s} = 7, 8,$ and 13 TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	95
349	Search for massive resonances decaying into WW, WZ or ZZ bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	22
350	Search for Evidence of the Type-III Seesaw Mechanism in Multilepton Final States in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , 2017, 119, 221802.	2.9	40
351	Measurement of electroweak-induced production of $Wt^3$ with two jets in pp collisions at $\sqrt{s} = 8$ TeV and constraints on anomalous quartic gauge couplings. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	17
352	Searches for $W\epsilon^2$ bosons decaying to a top quark and a bottom quark in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	8
353	Measurement of the inclusive energy spectrum in the very forward direction in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	10
354	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.	1.6	22
355	Search for electroweak production of charginos and neutralinos in WH events in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	15
356	Search for pair production of vector-like T and B quarks in single-lepton final states using boosted jet substructure in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	27
357	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.	1.6	31
358	Search for top quark decays via Higgs-boson-mediated flavor-changing neutral currents in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	15
359	Measurement of the $t\bar{t}\bar{A}^{\pm}$ 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.	1.6	15
360	Search for a heavy resonance decaying to a top quark and a vector-like top quark at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	5

#	ARTICLE	IF	CITATIONS
361	Search for top quark partners with charge $5/3$ in proton-proton collisions at $s = 13 \sqrt{s}=13 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
362	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	29
363	Measurements of jet charge with dijet events in pp collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	17
364	Search for associated production of a Z boson with a single top quark and for tZ flavour-changing interactions in pp collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	21
365	Search for new physics with dijet angular distributions in proton-proton collisions at $s = 13 \sqrt{s}=13 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
366	Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at $s = 13 \sqrt{s}=13 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	62
367	Search for third-generation scalar leptoquarks and heavy right-handed neutrinos in final states with two tau leptons and two jets in proton-proton collisions at $s = 13 \sqrt{s}=13 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	41
368	Search for new phenomena with multiple charged leptons in proton-proton collisions at $s = 13 \sqrt{s}=13 \text{ TeV}$ . European Physical Journal C, 2017, 77, 1.	1.4	2
369	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at $s = 13 \sqrt{s}=13 \text{ TeV}$ . European Physical Journal C, 2017, 77, 636.	1.4	38
370	Search for high-mass $Z\bar{\nu}\nu$ resonances in $e^+e^-\bar{\nu}\nu$ and $\bar{\nu}\nu + \bar{\nu}\nu$ final states in proton-proton collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	7
371	Search for heavy neutrinos or third-generation leptoquarks in final states with two hadronically decaying $\bar{\nu}$ , leptons and two jets in proton-proton collisions at $s = 13 \sqrt{s}=13 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
372	Search for CP violation in $t\bar{t}\bar{t}$ production and decay in proton-proton collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	4
373	Search for a light pseudoscalar Higgs boson produced in association with bottom quarks in pp collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
374	Search for supersymmetry in events with at least one photon, missing transverse momentum, and large transverse event activity in proton-proton collisions at $s = 13 \sqrt{s}=13 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
375	Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at $s = 13 \sqrt{s}=13 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	101
376	Measurement of the transverse momentum spectrum of the Higgs boson produced in pp collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$ using $H \rightarrow WW$ decays. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
377	Search for dark matter and unparticles in events with a Z boson and missing transverse momentum in proton-proton collisions at $s = 13 \sqrt{s}=13 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	23
378	Decomposing transverse momentum balance contributions for quenched jets in PbPb collisions at $s_{NN} = 2.76 \sqrt{s_{\text{mathrm{N}}};\text{mathrm{N}}}=2.76 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	18



#	ARTICLE	IF	CITATIONS
397	Measurement of Azimuthal Asymmetries in Inclusive Charged Dipion Production in $e^+e^-$ Annihilations at $\sqrt{s}=3.65$ GeV. <i>Physical Review Letters</i> , 2016, 116, 042001.	2.9	42
398	Measurements of Absolute Hadronic Branching Fractions of the $\Lambda_c^+$ Baryon. <i>Physical Review Letters</i> , 2016, 116, 052001. <a href="#">Article Angular Correlations in <math>\Lambda_c^+</math></a>	2.9	94
399	Observation of Radiative Decay $\Lambda_c^+ \rightarrow \Lambda^0 \gamma$ in $pp$ Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , 2016, 116, 052002. <a href="#">Article Angular Correlations in <math>\Lambda_c^+</math></a>	2.9	139
400	Evidence for $\Lambda_c^+ \rightarrow \Lambda^0 \gamma$ in $pp$ Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , 2016, 116, 052002.	2.9	13
401	Measurement of the Top Quark Pair Production Cross Section in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , 2016, 116, 052002. <a href="#">50 Decay Channels</a>	2.9	20
402	Measurement of the Top Quark Pair Production Cross Section in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , 2016, 116, 052002.	2.9	34
403	Evidence for $\Lambda_c^+ \rightarrow \Lambda^0 \gamma$ in $pp$ Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , 2016, 116, 052002.	2.9	14
404	Improved measurement of the absolute branching fraction of $D^+ \rightarrow \mu^+ \nu_\mu K^0$ . <i>European Physical Journal C</i> , 2016, 76, 1.	1.4	39
405	Measurement of dijet azimuthal decorrelation in $pp$ collisions at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , 2016, 76, 536.	1.4	16
406	Search for dark matter particles in proton-proton collisions at $\sqrt{s}=8$ TeV using the razor variables. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	4
407	Search for $s$ channel single top quark production in $pp$ collisions at $\sqrt{s}=7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	14
408	Measurement of inclusive jet production and nuclear modifications in $pPb$ collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>European Physical Journal C</i> , 2016, 76, 372.	1.4	29
409	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.	1.6	19
410	Measurement of the $t\bar{t} \rightarrow W^+ W^-$ production cross section in the $W^+ W^- \ell^+ \ell^-$ channel in proton-proton collisions at $\sqrt{s}=7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	41
411	Search for new physics with the $M_{T2}$ variable in all-jets final states produced in $pp$ collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	17
412	Search for dark matter in proton-proton collisions at 8 TeV with missing transverse momentum and vector boson tagged jets. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	13
413	Evidence for exclusive $\Lambda_c^+ \rightarrow \Lambda^0 W^+ W^-$ production and constraints on anomalous quartic gauge couplings in $pp$ collisions at $\sqrt{s}=7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	42
414	Search for supersymmetry in $pp$ collisions at $\sqrt{s}=13$ TeV in the single-lepton final state using the sum of masses of large-radius jets. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	14



#	ARTICLE	IF	CITATIONS
415	Search for direct pair production of supersymmetric top quarks decaying to all-hadronic final states in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 460.	1.4	18
416	Azimuthal decorrelation of jets widely separated in rapidity in pp collisions at $s = 7$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	20
417	Phenomenological MSSM interpretation of CMS searches in pp collisions at $s = 7$ TeV and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	12
418	Measurement of the mass of the top quark in decays with a $J/\psi$ meson in pp collisions at 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	6
419	Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2016, 76, 1.	1.4	26
420	Measurement of $t\bar{t}$ production with additional jet activity, including b quark jets, in the dilepton decay channel using pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 379.	1.4	34
421	Measurement of the differential cross section and charge asymmetry for inclusive $p\bar{p} \rightarrow W^{\pm} + X$ production at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 469.	1.4	83
422	Observation of top quark pairs produced in association with a vector boson in pp collisions at $s = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	23
423	Search for $W \rightarrow tb$ in proton-proton collisions at $s = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	3
424	Correlations between jets and charged particles in PbPb and pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
425	China's first pulsed neutron source. Nature Materials, 2016, 15, 689-691.	13.3	118
426	Search for the production of an excited bottom quark decaying to $tW$ in proton-proton collisions at $s = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	5
427	Search for excited leptons in proton-proton collisions at $s = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	16
428	Measurement of the $t\bar{t}$ production cross section in the all-jets final state in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 128.	1.4	41
429	Event generator tunes obtained from underlying event and multiparton scattering measurements. European Physical Journal C, 2016, 76, 155.	1.4	499
430	Search for massive $WH$ resonances decaying into the $b\bar{b}$ final state at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 237.	1.4	30
431	Search for a massive resonance decaying into a Higgs boson and a W or Z boson in hadronic final states in proton-proton collisions at $s = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	16
432	Measurement of top quark polarisation in t-channel single top quark production. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15

#	ARTICLE	IF	CITATIONS
433	Search for heavy Majorana neutrinos in $e\hat{A}\pm e\hat{A}\pm$ jets and $e\hat{A}\pm \hat{1}/4 \hat{A}\pm$ jets events in proton-proton collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	35
434	Search for Narrow Resonances Decaying to Dijets in Proton-Proton Collisions at $\sqrt{s} = 8 \text{ TeV}$ . Physical Review Letters, 2016, 116, 071801.	2.9	114
435	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into $l, \nu$ , leptons in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	19
436	Measurement of the Reactor Antineutrino Flux and Spectrum at Daya Bay. Physical Review Letters, 2016, 116, 061801.	2.9	161
437	Measurement of differential cross sections for Higgs boson production in the diphoton decay channel in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ . European Physical Journal C, 2016, 76, 13.	1.4	62
438	Search for new physics in final states with two opposite-sign, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
439	Evidence for transverse-momentum- and pseudorapidity-dependent event-plane fluctuations in PbPb and $Pb$ collisions. Physical Review C, 2015, 92, .	1.1	140
440	Observation and Spin-Parity Determination of the $\tilde{\chi}^0$ . Physical Review Letters, 2015, 115, 011301.	2.9	47
441	Observation of a Neutral Charmonium-like State $J/\psi$ . Physical Review Letters, 2015, 115, 011301.	2.9	34
442	Measurement of the Absolute Branching Ratio of $B \rightarrow \mu^+ \mu^-$ . Physical Review Letters, 2015, 115, 011301.	2.9	109
443	Observation of a Neutral Structure near the $\tilde{\chi}^0$ . Physical Review Letters, 2015, 115, 011301.	2.9	71
444	Evidence for Collective Multiparticle Correlations in $Pb$ collisions. Physical Review Letters, 2015, 115, 012301.	2.9	70
445	New Measurement of Antineutrino Oscillation with the Full Detector Configuration at Daya Bay. Physical Review Letters, 2015, 115, 012301.	2.9	177
446	Observation of $Z \rightarrow \mu^+ \mu^-$ in $Pb$ collisions. Physical Review Letters, 2015, 115, 012301.	2.9	106
447	Search for physics beyond the standard model in events with two leptons, jets, and missing transverse momentum in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	24
448	Search for third-generation scalar leptoquarks in the $t\bar{t}$ channel in proton-proton collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	24
449	Searches for supersymmetry using the $M_{T2}$ variable in hadronic events produced in pp collisions at 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	34

#	ARTICLE	IF	CITATIONS
451	Searches for third-generation squark production in fully hadronic final states in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37
452	Search for the production of dark matter in association with top-quark pairs in the single-lepton final state in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	20
453	Search for a charged Higgs boson in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	81
454	Search for supersymmetry in the vector-boson fusion topology in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	12
455	Search for a light charged Higgs boson decaying to $c \bar{s}$ in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1-37.	1.6	44
456	Search for vector-like T quarks decaying to top quarks and Higgs bosons in the all-hadronic channel using jet substructure. Journal of High Energy Physics, 2015, 2015, 1.	1.6	24
457	Search for neutral color-octet weak-triplet scalar particles in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	1
458	Search for a Higgs boson in the mass range from 145 to 1000 GeV decaying to a pair of W or Z bosons. Journal of High Energy Physics, 2015, 2015, 1.	1.6	92
459	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 TeV. European Physical Journal C, 2015, 75, 212.	1.4	541
460	Measurement of the $Z\tilde{\chi}^0_3$ production cross section in pp collisions at 8 TeV and search for anomalous triple gauge boson couplings. Journal of High Energy Physics, 2015, 2015, 1.	1.6	11
461	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. European Physical Journal C, 2015, 75, 186.	1.4	68
462	Measurement of the differential cross section for top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 542.	1.4	191
463	Measurements of the $Z\tilde{\chi}^0_{1,2}$ production cross sections in the $2\ell 2\tilde{l}^{1/2}$ channel in proton-proton collisions at $\sqrt{s} = 7$ and $8$ TeV. European Physical Journal C, 2015, 75, 511.	1.4	32
464	Comparison of the $Z/\tilde{\chi}^0_{1,2} + \text{jets}$ to $\tilde{\chi}^0_3 + \text{jets}$ cross sections in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
465	Search for neutral MSSM Higgs bosons decaying into a pair of bottom quarks. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
466	Study of $e^+e^- \rightarrow \tilde{\chi}^0_{1,2} + \text{jets}$ at the International Linear Collider. Physical Review Letters, 2015, 114, 092003.		102
467	Search for Monotop Signatures in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2015, 114, 101801.	2.9	36
468	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. European Physical Journal C, 2015, 75, 251.	1.4	73

#	ARTICLE	IF	CITATIONS
469	Search for Displaced Supersymmetry in Events with an Electron and a Muon with Large Impact Parameters. <i>Physical Review Letters</i> , 2015, 114, 061801. Measurement of $\langle \sigma_{\text{had}} \rangle$ in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	2.9	44
470	Measurement of the ratio of the production cross sections times branching fractions of $B_c \rightarrow \mu^+ \mu^- \nu_\mu \nu_\mu$ and $B_c \rightarrow \mu^+ \mu^- \nu_\mu \nu_\mu$ in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	2.9	60
471	Study of Vector Boson Scattering and Search for New Physics in Events with Two Same-Sign Leptons and Two Jets. <i>Physical Review Letters</i> , 2015, 114, 051801.	2.9	80
472	Measurement of electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2015, 75, 66.	1.4	31
473	Measurements of differential and double-differential Drell-Yan cross sections in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2015, 75, 147.	1.4	88
474	Search for decays of stopped long-lived particles produced in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2015, 75, 151.	1.4	44
475	Measurement of the W boson helicity in events with a single reconstructed top quark in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	26
476	Measurement of the ratio of the production cross sections times branching fractions of $B_c \rightarrow \mu^+ \mu^- \nu_\mu \nu_\mu$ and $B_c \rightarrow \mu^+ \mu^- \nu_\mu \nu_\mu$ in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	17
477	Search for disappearing tracks in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	46
478	Study of Z production in PbPb and pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV in the dimuon and dielectron decay channels. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	27
479	Search for physics beyond the standard model in dilepton mass spectra in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	78
480	Measurement of the underlying event activity using charged-particle jets in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	10
481	Search for dark matter, extra dimensions, and unparticles in monojet events in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2015, 75, 235.	1.4	320
482	Constraints on parton distribution functions and extraction of the strong coupling constant from the inclusive jet cross section in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2015, 75, 288.	1.4	54
483	Nuclear effects on the transverse momentum spectra of charged particles in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2015, 75, 237.	1.4	58
484	Distributions of topological observables in inclusive three- and four-jet events in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2015, 75, 302.	1.4	6
485	Constraints on the pMSSM, AMSB model and on other models from the search for long-lived charged particles in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2015, 75, 205.	1.4	43
486	Measurement of Prompt Yield Ratios in Pb-Pb and pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	2.9	47

#	ARTICLE	IF	CITATIONS
487	Search for heavy neutrinos and $W$ bosons with right-handed couplings in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2014, 74, 3149.	1.4	179
488	Measurement of top quark-antiquark pair production in association with a $W$ or $Z$ boson in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2014, 74, 3060.	1.4	43
489	Measurement of differential cross sections for the production of a pair of isolated photons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 3129.	1.4	65
490	Search for neutral MSSM Higgs bosons decaying to a pair of tau leptons in pp collisions. Journal of High Energy Physics, 2014, 2014, 1.	1.6	81
491	Measurement of pseudorapidity distributions of charged particles in proton-proton collisions at $\sqrt{s} = 8$ TeV by the CMS and TOTEM experiments. European Physical Journal C, 2014, 74, 1.	1.4	49
492	Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and $W$ , $Z$ , and Higgs bosons in pp collisions at 8 TeV. European Physical Journal C, 2014, 74, 3036.	1.4	241
493	Measurement of prompt $J/\psi$ pair production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	61
494	Measurement of higher-order harmonic azimuthal anisotropy in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, 1.	1.33	133
495	Observation of $\chi^0$ production in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2014, 112, 251801.	2.9	22
496	Search for Top Squark and Higgsino Production Using Diphoton Higgs Boson Decays. Physical Review Letters, 2014, 112, 161802.	2.9	45
497	Measurement of inclusive $W$ and $Z$ boson production cross sections in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2014, 112, 171801.	2.9	94
498	Measurements of $t\bar{t}$ collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2014, 112, 171801.	2.9	63
499	Search for Top-Quark Partners with Charge and Spin. Physical Review Letters, 2014, 112, 171801.	2.9	76
500	Search for Flavor-Changing Neutral Currents in Top-Quark Decays. Physical Review Letters, 2014, 112, 171801.	2.9	64
501	Observation of the diphoton decay of the Higgs boson and measurement of its properties. European Physical Journal C, 2014, 74, 3076.	1.4	342
502	Evidence of $b$ -jet quenching in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 113, 132301.	2.9	85
503	Observation of $\chi^0$ production in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2014, 112, 251801.	2.9	116
504	Observation of a Charged Charmonium-like Structure in $pp$ Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2014, 113, 132301.	2.9	116

#	ARTICLE	IF	CITATIONS
505	Observation of a Charged $\tau^{\pm}$ Production Cross Section in the Dilepton Channel in pp Collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	2.9	145
506	Search for the associated production of the Higgs boson with a top-quark pair. Journal of High Energy Physics, 2014, 2014, 1.	1.6	51
507	Study of hadronic event-shape variables in multijet final states in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	3
508	Search for standard model production of four top quarks in the lepton + jets channel in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	17
509	Identification techniques for highly boosted W bosons that decay into hadrons. Journal of High Energy Physics, 2014, 2014, 1.	1.6	43
510	Measurement of Higgs boson production and properties in the WW decay channel with leptonic final states. Journal of High Energy Physics, 2014, 2014, 1.	1.6	169
511	Measurement of the $\tau^{\pm}$ production cross section in the dilepton channel in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	52
512	Studies of azimuthal dihadron correlations in ultra-central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	77
513	Measurement of associated W + charm production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	55
514	Search for new physics in events with same-sign dileptons and jets in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	48
515	Observation of a Charged $\tau^{\pm}$ Production Cross Section in the Dilepton Channel in pp Collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	2.9	252
516	High Statistics Measurement of the Positron Fraction in Primary Cosmic Rays of 0.5–500 GeV with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2014, 113, 121101.	2.9	428
517	Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	1.4	75
518	Measurement of WZ and ZZ production in pp collisions at $\sqrt{s} = 8$ TeV in final states with b-tagged jets. European Physical Journal C, 2014, 74, 2973.	1.4	23
519	Search for invisible decays of Higgs bosons in the vector boson fusion and associated ZH production modes. European Physical Journal C, 2014, 74, 2980.	1.4	171
520	Measurement of jet multiplicity distributions in $t\bar{t}$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 3014.	1.4	16
521	Study of double parton scattering using W + 2-jet events in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	85
522	Event activity dependence of $\Upsilon$ (nS) production in $\sqrt{s_{NN}} = 5.02$ TeV pPb and $\sqrt{s} = 2.76$ TeV pp collisions. Journal of High Energy Physics, 2014, 2014, 1.	1.6	56

#	ARTICLE	IF	CITATIONS
523	Measurements of the $\overline{\sigma}(\sigma)$ charge asymmetry using the dilepton decay channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	20
524	Search for $W \rightarrow tb$ decays in the lepton + jets final state in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26
525	Measurement of the triple-differential cross section for photon + jets production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	31
526	Search for new physics in the multijet and missing transverse momentum final state in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	100
527	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. Journal of High Energy Physics, 2014, 2014, 1.	1.6	70
528	Measurement of the production cross sections for a Z boson and one or more b jets in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
529	Search for pair production of excited top quarks in the lepton + jets final state. Journal of High Energy Physics, 2014, 2014, 1.	1.6	4
530	Search for massive resonances in dijet systems containing jets tagged as W or Z boson decays in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	85
531	Search for massive resonances decaying into pairs of boosted bosons in semi-leptonic final states at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	69
532	Measurement of the top-quark mass in all-jets $t\bar{t}$ events in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2758.	1.4	35
533	Study of the production of charged pions, kaons, and protons in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 2847.	1.4	85
534	Probing color coherence effects in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2901.	1.4	17
535	Spectral Measurement of Electron Antineutrino Oscillation Amplitude and Frequency at Daya Bay. Physical Review Letters, 2014, 112, 061801.	2.9	219
536	Observation of the Associated Production of a Single Top Quark and a $W$ Boson in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2014, 112, 061801.	2.9	108
537	Measurement of the $\overline{\sigma}(\sigma)$ production cross section in the dilepton channel in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.		3
538	Search for the associated production of the Higgs boson with a top-quark pair. Journal of High Energy Physics, 2014, 2014, 1.		6
539	Search for microscopic black holes in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	44
540	Measurement of the $\Lambda_{\text{QCD}}$ lifetime in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	17

#	ARTICLE	IF	CITATIONS
541	Searches for long-lived charged particles in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	118
542	Study of exclusive two-photon production of $W+W\hat{\nu}$ in pp collisions at $\sqrt{s}=7$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2013, 2013, 1.	1.6	75
543	Observation of a new boson with mass near 125 GeV in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	320
544	Search for the standard model Higgs boson produced in association with a top-quark pair in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	39
545	Studies of jet mass in dijet and $W/Z + \text{jet}$ events. Journal of High Energy Physics, 2013, 2013, 1.	1.6	58
546	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. Journal of High Energy Physics, 2013, 2013, 1.	1.6	16
547	Measurement of the $X(3872)$ production cross section via decays to $J/\psi + \bar{\nu}\nu$ in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	73
548	Study of the underlying event at forward rapidity in pp collisions at $\sqrt{s}=0.9, 2.76, \text{and } 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
549	Search for new physics in events with photons, jets, and missing transverse energy in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	15
550	Search for new physics in events with same-sign dileptons and b jets in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	33
551	Search in leptonic channels for heavy resonances decaying to long-lived neutral particles. Journal of High Energy Physics, 2013, 2013, 1.	1.6	32
552	Search for exotic resonances decaying into $WZ/ZZ$ in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	20
553	Search for supersymmetry in pp collisions at $\sqrt{s}=7$ TeV in events with a single lepton, jets, and missing transverse momentum. European Physical Journal C, 2013, 73, 2404.	1.4	20
554	Search for a standard-model-like Higgs boson with a mass in the range 145 to 1000 GeV at the LHC. European Physical Journal C, 2013, 73, 2469.	1.4	68
555	Observation of a diffractive contribution to dijet production in proton-proton collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 87, 112001.	1.6	24
556	Measurement of the production cross section for $Z\gamma \rightarrow u\bar{u}\gamma$ in pp collisions at $\sqrt{s} = 7$ TeV and limits on $ZZ\gamma^3$ and $Z\gamma^3$ triple gauge boson couplings. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
557	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. Journal of High Energy Physics, 2013, 2013, 1.	1.6	30
558	Search for supersymmetry in hadronic final states with missing transverse energy using the variables $\hat{\pm} T$ and b-quark multiplicity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2013, 73, 2568.	1.4	147



#	ARTICLE	IF	CITATIONS
559	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. Journal of High Energy Physics, 2013, 2013, 1.	1.6	16
560	Measurement of masses in the $\overline{\text{t}}\text{t}$ system by kinematic endpoints in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2494.	1.4	55
561	Search for physics beyond the standard model in events with $\bar{\nu}_\tau$ , leptons, jets, and large transverse momentum imbalance in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2493.	1.4	22
562	Measurement of the $\text{ar}\{\text{t}\}$ production cross section in the $\bar{\nu}_\tau$ +jets channel in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 1.	1.4	24
563	Jet and underlying event properties as a function of charged-particle multiplicity in proton-proton collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2674.	1.4	32

564



#	ARTICLE	IF	CITATIONS
595	Search for stopped long-lived particles produced in pp collisions at $\sqrt{s} = \sqrt{7\text{TeV}}$ . Journal of High Energy Physics, 2012, 2012, 1.	1.6	17
596	Search for new physics in events with same-sign dileptons and b-tagged jets in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	30
597	Measurement of the underlying event activity in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the novel jet-area/median approach. Journal of High Energy Physics, 2012, 2012, 1.	1.6	13
598	Search for anomalous $\overline{t}t$ production in the highly-boosted all-hadronic final state. Journal of High Energy Physics, 2012, 2012, 1.	1.6	58
599	Search for dark matter and large extra dimensions in monojet events in pp collisions at $\sqrt{s} = \sqrt{7}$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	168
600	Search for a fermiophobic Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	15
601	Search for supersymmetry in hadronic final states using $M_{T2}$ in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	95
602	Measurement of jet fragmentation into charged particles in pp and PbPb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	85
603	Measurement of the $\overline{t}t$ production cross section in the dilepton channel in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	69
604	Search for exclusive or semi-exclusive $\hat{t}\hat{t}^*$ production and observation of exclusive and semi-exclusive $e^+e^-$ production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	51
605	Search for the standard model Higgs boson produced in association with W and Z bosons in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	7
606	Search for electroweak production of charginos and neutralinos using leptonic final states in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	41
607	Search for new physics with long-lived particles decaying to photons and missing energy in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	11
608	Search for resonant $\overline{t}t$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26
609	Observation of Z decays to four leptons with the CMS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	34
610	Measurement of the single-top-quark t-channel cross section in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	83
611	Search for third-generation leptoquarks and scalar bottom quarks in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	14
612	Measurement of the top-quark mass in $\overline{t}t$ events with lepton+jets final states in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	38

#	ARTICLE	IF	CITATIONS
613	Measurement of the underlying event in the Drellâ€“Yan process in protonâ€“proton collisions at $\sqrt{s} = 7\text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	1.4	33
614	Study of the inclusive production of charged pions, kaons, and protons in pp collisions at $\sqrt{s} = 0.9, 2.76, 7\text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	1.4	154
615	A search for a doubly-charged Higgs boson in pp collisions at $\sqrt{s} = 7\text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	1.4	129
616	Measurement of the top-quark mass in $\overline{\text{t}}\text{t}$ events with dilepton final states in pp collisions at $\sqrt{s} = 7\text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	1.4	42
617	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in protonâ€“proton collisions at $\sqrt{s} = 7\text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	1.4	26

618

#	ARTICLE	IF	CITATIONS
631	Exclusive $\hat{1}^3 \hat{1}^4 + \hat{1}^4 \hat{1}^3$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	56
632	Measurement of the production cross section for pairs of isolated photons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26
633	Prompt and non-prompt $J/\psi$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	135
634	Test of the $\hat{1}, \hat{1}$ -model of Bose-Einstein correlations and reconstruction of the source function in hadronic Z-boson decay at LEP. European Physical Journal C, 2011, 71, 1.	1.4	20
635	Measurement of the $\text{tar}\{t\}$ production cross section in pp collisions at $\sqrt{s} = 7$ TeV using the kinematic properties of events with leptons and jets. European Physical Journal C, 2011, 71, 1.	1.4	37
636	Charged particle multiplicities in pp interactions at $\sqrt{s} = 0.9, 2.36,$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	106
637	Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	122
638	Search for heavy stable charged particles in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	38
639	Inclusive b-hadron production cross section with muons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	23
640	Measurement of $\overline{B} B$ angular correlations based on secondary vertex reconstruction at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	32
641	Measurement of the lepton charge asymmetry in inclusive W production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	59
642	Measurement of Bose-Einstein correlations in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	30
643	Strange particle production in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	139
644	Search for large extra dimensions in the diphoton final state at the Large Hadron Collider. Journal of High Energy Physics, 2011, 2011, 1.	1.6	22
645	Search for resonances in the dilepton mass distribution in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	39
646	Search for physics beyond the standard model in opposite-sign dilepton events in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	26
647	Search for new physics with same-sign isolated dilepton events with jets and missing transverse energy at the LHC. Journal of High Energy Physics, 2011, 2011, 1.	1.6	46
648	Search for supersymmetry in events with a lepton, a photon, and large missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	10

#	ARTICLE	IF	CITATIONS
649	Measurement of the $\sigma(m\bar{m})$ production cross section and the top quark mass in the dilepton channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	53
650	Long-range and short-range dihadron angular correlations in central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	65
651	Search for light resonances decaying into pairs of muons as a signal of new physics. Journal of High Energy Physics, 2011, 2011, 1.	1.6	13
652	Search for supersymmetry in events with b jets and missing transverse momentum at the LHC. Journal of High Energy Physics, 2011, 2011, 1.	1.6	29
653	Search for same-sign top-quark pair production at $\sqrt{s} = 7$ TeV and limits on flavour changing neutral currents in the top sector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	40
654	Charged particle transverse momentum spectra in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	56
655	Measurement of the inclusive Z cross section via decays to tau pairs in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	20
656	Dependence on pseudorapidity and on centrality of charged hadron production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	99
657	Search for new physics with jets and missing transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	49
658	Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in events with a single lepton, jets, and missing transverse momentum. Journal of High Energy Physics, 2011, 2011, 1.	1.6	32
659	Measurement of the underlying event activity at the LHC with $\sqrt{s} = 7$ TeV and comparison with $\sqrt{s} = 0.9$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	97
660	Measurement of the Drell-Yan cross section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	36
661	Measurement of the inclusive W and Z production cross sections in pp collisions at $\sqrt{s} = 7$ TeV with the CMS experiment. Journal of High Energy Physics, 2011, 2011, 1.	1.6	158
662	Generalized event shape and energy flow studies in $e^+e^-$ annihilation at $\sqrt{s} = 91.2 - 208.0$ GeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	1
663	Measurement of energy flow at large pseudorapidities in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	25
664	Measurement of energy flow at large pseudorapidities in pp collisions at ( $\sqrt{s} = 0.9$ ) and 7 TeV. , 2011, 2011, 1.		5
665	Search for $\tilde{\chi}(3770)\hat{+}^*$ charmless final states involving $\hat{+}$ or $\tilde{\chi}0$ mesons. European Physical Journal C, 2010, 66, 11-16.	1.4	3
666	First measurement of the underlying event activity at the LHC with $\sqrt{s} = 0.9$ TeV. European Physical Journal C, 2010, 70, 555-572.	1.4	50

#	ARTICLE	IF	CITATIONS
667	CMS tracking performance results from early LHC operation. European Physical Journal C, 2010, 70, 1165-1192.	1.4	120
668	Transverse-momentum and pseudorapidity distributions of charged hadrons in pp collisions at $\sqrt{s} = 0.9$ and 2.36 TeV. Journal of High Energy Physics, 2010, 2010, 1.	1.6	230
669	Observation of long-range, near-side angular correlations in proton-proton collisions at the LHC. Journal of High Energy Physics, 2010, 2010, 1.	1.6	497
670	Transverse-Momentum and Pseudorapidity Distributions of Charged Hadrons in pp Collisions at $\sqrt{s} = 0.9$ and 2.36 TeV. Journal of High Energy Physics, 2010, 2010, 1.	2.9	400
671	RECENT RESULTS FROM BESII $J/\psi$ DECAYS. International Journal of Modern Physics A, 2009, 24, 428-433.	0.5	1
672	Experimental studies of $e^+e^- \rightarrow \psi(3773) \rightarrow K^+K^-\psi(3773)$ and $\psi(3773) \rightarrow K^+K^-\psi(3773)$ at $\sqrt{s} = 3.773$ and 3.65 GeV. European Physical Journal C, 2009, 64, 243.	1.4	4
673	The CMS experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08004-S08004.	0.5	2,192
674	PROSPECT OF PARTICLE PHYSICS IN CHINA. International Journal of Modern Physics A, 2008, 23, 4669-4676.	0.5	0
675	PROSPECT OF PARTICLE PHYSICS IN CHINA. , 2008, , .		0
676	BEIJING ELECTRON-POSITRON COLLIDER: RESULTS AND FUTURE PLAN. Modern Physics Letters A, 2003, 18, 1141-1144.	0.5	1
677	BEIJING ELECTRON-POSITRON COLLIDER: RESULTS AND FUTURE PLAN. , 2003, , .		0
678	Permanent magnet system of alpha magnetic spectrometer. Science in China Series A: Mathematics, 2000, 43, 996-1008.	0.5	3
679	Measurement of the branching ratios $B \rightarrow e^+e^- X$ , $B \rightarrow \mu^+\mu^- X$ , $B \rightarrow \tau^+\tau^- X$ and $B \rightarrow \nu\bar{\nu} X$ . Zeitschrift für Physik C-Particles and Fields, 1996, 71, 379-389.	1.5	2
680	Studies of hadronic event structure and comparisons with QCD models at the $Z^0$ resonance. Zeitschrift für Physik C-Particles and Fields, 1992, 55, 39-61.	1.5	74