

Sandra S Padula

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8651121/publications.pdf>

Version: 2024-02-01

721
papers

43,588
citations

2975

93
h-index

4342

173
g-index

724
all docs

724
docs citations

724
times ranked

12321
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for $X(3872)$ in Pb-Pb Collisions and Studies of its Prompt Production at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2022, 128, 032001.	7.8	23
2	Measurement of double-parton scattering in inclusive production of four jets with low transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
3	Fragmentation of jets containing a prompt J/ψ meson in PbPb and pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 825, 136842.	4.1	4
4	Search for $W\tilde{l}^3$ resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV using hadronic decays of Lorentz-boosted W bosons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 826, 136888.	4.1	1
5	Search for $W\tilde{l}^3$ resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV using hadronic decays of Lorentz-boosted W bosons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 826, 136888.	7.8	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.	4.7	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.	4.7	5
8	Search for heavy resonances decaying to WZ or WZ in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	10
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.	3.9	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.	4.7	1
11	Using Z Boson Events to Study Parton-Medium Interactions in Pb-Pb Collisions. Physical Review Letters, 2022, 128, 122301.	7.8	11
12	Measurement of $W\tilde{l}^3$ resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	4
13	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.	3.9	3
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.	3.9	18
15	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.	4.7	13
16	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.	4.7	5
17	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.	4.7	12
18	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.	4.7	2

#	ARTICLE	IF	CITATIONS
19	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.	4.7	6
20	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.	4.7	5
21	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.	4.7	5
22	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.	4.7	2
23	Precision measurement of the W boson decay branching fractions in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2022, 105, .	4.7	5
24	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, .	4.7	2
25	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, .	4.7	4
26	Search for invisible decays of the Higgs boson produced via vector boson fusion in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2022, 105, .	4.7	30
27	Observation of $B^0 \rightarrow \psi(2S) K^0_{\text{short}}$ and $B^0 \rightarrow \psi(2S) K^0_{\text{long}}$ decays. European Physical Journal C, 2022, 82.	3.9	1
28	Measurement of the production cross section for Zb jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2022, 105, .	4.7	2
29	Meson in Pb-Pb and p collisions at $\sqrt{s_{NN}} = 2.76$ and 7.69 TeV. Physical Review Physical Review Letters, 2022, 129, .	7.8	3
30	Inclusive nonresonant multilepton probes of new phenomena at $\sqrt{s} = 13$ TeV. Physical Review D, 2022, 105, .	4.7	14
31	First Search for Exclusive Diphoton Production at High Mass with Tagged Protons in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2022, 129, .	7.8	7
32	Probing Charm Quark Dynamics via Multiparticle Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2022, 129, .	7.8	5
33	Search for Flavor-Changing Neutral Current Interactions of the Top Quark and Higgs Boson in Final States with Two Photons in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2022, 129, .	7.8	10
34	Identification of hadronic tau lepton decays using a deep neural network. Journal of Instrumentation, 2022, 17, P07023.	1.2	12
35	Search for heavy resonances decaying to Z boson and a Lorentz-boosted resonance in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 832, 137263.	4.1	0

#	ARTICLE	IF	CITATIONS
37	Search for the lepton flavor violating decay $\tilde{l}_i \rightarrow l_j \gamma$ in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
38	Measurements of production cross sections of polarized same-sign W boson pairs in association with two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136018.	4.1	20
39	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.	3.9	33
40	Evidence for Higgs boson decay to a pair of muons. Journal of High Energy Physics, 2021, 2021, 1.	4.7	54
41	Search for top squark pair production using dilepton final states in collision data collected at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 3.	3.9	33
42	Studies of charm and beauty hadron long-range correlations in pp and pPb collisions at LHC energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136036.	4.1	13
43	Measurement of differential top quark production cross sections using top quarks at large transverse momenta in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2021, 103, .	4.7	7
44	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.	4.7	14
45	Measurements of $pp \rightarrow Z Z$ production cross sections and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 200.	3.9	24
46	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.	4.7	15
47	Search for nonresonant Higgs boson pair production in final states with two bottom quarks and two photons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	26
48	Search for new physics in top quark production with additional leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV using effective field theory. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
49	Measurement of differential cross sections for Z bosons produced in association with charm jets in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
50	Search for supersymmetry in final states with two oppositely charged same-flavor leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	28
51	Development and validation of HERWIG tunes from CMS underlying-event measurements. European Physical Journal C, 2021, 81, 312.	3.9	12
52	Angular analysis of the decay $B \rightarrow K^* \ell^+ \ell^-$ in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	9
53	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 378.	3.9	40
54	Electron and photon reconstruction and identification with the CMS experiment at the CERN LHC. Journal of Instrumentation, 2021, 16, P05014.	1.2	62

#	ARTICLE	IF	CITATIONS
55	Measurement of prompt D0 and Λ_c^+ meson azimuthal anisotropy and search for strong electric fields in PbPb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.1	12
56	Measurement of b jet shapes in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
57	First measurement of large area jet transverse momentum spectra in heavy-ion collisions. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
58	Study of Drell-Yan dimuon production in proton-lead collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
59	Measurements of the differential cross sections of the production of Z + jets and $\tilde{t} + jets$ and of Z boson emission collinear with a jet in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.1	12
60	Measurements of the differential cross sections of the production of Z + jets and $\tilde{t} + jets$ and of Z boson emission collinear with a jet in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	2
61	Measurement of the Z boson differential production cross section using its invisible decay mode (Z $\rightarrow \tilde{\nu} \tilde{\nu}^*$). Journal of High Energy Physics, 2021, 2021, 1.	4.7	2
62	Measurement of the $W\tilde{\chi}^0_1$ Production Cross Section in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV and Constraints on Effective Field Theory Coefficients. Physical Review Letters, 2021, 126, 252002.	7.8	13
63	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 488.	3.9	35
64	Observation of a New Excited Beauty Strange Baryon Decaying to $\tilde{t} + jets$. Physical Review Letters, 2021, 126, 252003.	7.8	22
65	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	27
66	Search for resonant and nonresonant new phenomena in high-mass dilepton final states at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	62
67	Search for long-lived particles using displaced jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2021, 104, 112002.	4.7	25
68	MUSIC: a model-unspecific search for new physics in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 629.	3.9	18
69	Search for the rare decay of the W boson into a photon and a photon in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Particle and High Energy Physics, 2021, 811, 136002.	4.1	3
70	Search for top squarks in final states with two top quarks and several light-flavor jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2021, 104, 112002.	4.7	4
71	Z-Boson Yields and Azimuthal Anisotropy at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2021, 127, 102002.	7.8	5
72	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.	3.9	9

#	ARTICLE	IF	CITATIONS
73	Measurement of the azimuthal anisotropy of π^0 and mesons in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 112301. https://arxiv.org/abs/1105.5002	4.1	13
74	Hard color-singlet exchange in dijet events in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2021, 104, 014004. https://arxiv.org/abs/2008.08202	4.7	3
75	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at $\sqrt{s} = 13, 13.6$ TeV. European Physical Journal C, 2021, 81, 723. https://arxiv.org/abs/2008.08202	3.9	19
76	Search for lepton-flavor violating decays of the Higgs boson in the $h \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ and $h \rightarrow \tau^+ \tau^- e^+ e^-$ channels. Physical Review D, 2021, 104, 013001. https://arxiv.org/abs/2008.08202	4.7	25
77	Search for $W \rightarrow \tau^+ \tau^-$ decays in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2021, 127, 122001. https://arxiv.org/abs/2008.08202	4.1	33
78	Search for $W \rightarrow \tau^+ \tau^-$ decays in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136446. https://arxiv.org/abs/2008.08202	4.1	9
79	Using dileptonic final states in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136535. https://arxiv.org/abs/2008.08202	4.1	5
80	Constraints on anomalous Higgs boson couplings to vector bosons and fermions in its production and decay using the four-lepton final state. Physical Review D, 2021, 104, 013001. https://arxiv.org/abs/2008.08202	4.7	16
81	Search for long-lived particles decaying to jets with displaced vertices in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2021, 104, 013001. https://arxiv.org/abs/2008.08202	4.7	8
82	Measurements of angular distance and momentum ratio distributions in three-jet and Z + two-jet final states in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 852. https://arxiv.org/abs/2008.08202	3.9	2
83	Observation of Forward Neutron Multiplicity Dependence of Dimuon Acoplanarity in Ultraperipheral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2021, 127, 122001. https://arxiv.org/abs/2008.08202	7.8	16
84	Precision luminosity measurement in proton-proton collisions at $\sqrt{s} = 13, 13.6$ TeV in 2015 and 2016 at CMS. European Physical Journal C, 2021, 81, 800. https://arxiv.org/abs/2008.08202	3.9	123
85	Search for top squark production in fully hadronic final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2021, 127, 122001. https://arxiv.org/abs/2008.08202	4.7	20
86	Evidence for electroweak production of four charged leptons and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 135992. https://arxiv.org/abs/2008.08202	4.1	18
87	Correlations of azimuthal anisotropy Fourier harmonics with subevent cumulants in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Physical Review C, 2021, 103, 014004. https://arxiv.org/abs/2008.08202	2.9	1
88	Search for chargino-neutralino production in events with Higgs and W bosons using 137 fb^{-1} of proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1. https://arxiv.org/abs/2008.08202	4.7	8
89	Measurement of the electroweak production of $Z \tau^+ \tau^-$ and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2021, 104, 013001. https://arxiv.org/abs/2008.08202	4.7	13
90	Measurements of the $pp \rightarrow W \tau^+ \tau^-$ and $pp \rightarrow Z \tau^+ \tau^-$ cross sections at $\sqrt{s} = 13$ TeV and limits on anomalous quartic gauge couplings. Journal of High Energy Physics, 2021, 2021, 1. https://arxiv.org/abs/2008.08202	4.7	7

#	ARTICLE	IF	CITATIONS
91	Study of Z boson plus jets events using variables sensitive to double-parton scattering in pp collisions at 13 TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
92	Measurements of the Electroweak Diboson Production Cross Sections in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1. Using Leptonic Decays. Physical Review Letters, 2021, 127, 191801.	7.8	6
93	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.	3.9	18
94	Search for a heavy Higgs boson decaying into two lighter Higgs bosons in the $hh, h\gamma$ final state at 13 TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
95	Search for new particles in events with energetic jets and large missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	36
96	Measurement of differential $t\bar{t}$ production cross sections in the full kinematic range using $t\bar{t} \rightarrow \ell\bar{\nu}_\ell b\bar{b}$. Journal of High Energy Physics, 2021, 2021, 1.	4.7	16
97	Observation of tW production in the single-lepton channel in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	2
98	Measurement of prompt open-charm production cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	2
99	Measurement of the inclusive and differential $t\bar{t}$ cross sections in the single-lepton channel and EFT interpretation at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
100	Measurement of the top quark mass using events with a single reconstructed top quark in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
101	Probing effective field theory operators in the associated production of top quarks with a Z boson in multilepton final states at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
102	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.	7.8	17
103	Search for a heavy resonance decaying to a top quark and a W boson at $\sqrt{s} = 13$ TeV in the fully hadronic final state. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
104	Observation of the Production of Three Massive Gauge Bosons at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2020, 125, 151802.	7.8	20
105	Measurement of the Production of Two Z Bosons and a Top Quark in Association with Two Jets in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2020, 125, 151803.	4.1	37
106	Search for the Production of a Heavy Resonance in Association with a Top Quark and a Z Boson in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2020, 125, 151804.	2.9	10
107	Search for the Production of a Heavy Resonance in Association with a Top Quark and a Z Boson in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2020, 125, 151805.	4.1	8
108	Investigation into the event-activity dependence of $p_T(nS)$ relative production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12

#	ARTICLE	IF	CITATIONS
109	A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution. Computing and Software for Big Science, 2020, 4, 10. <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">W</math>	2.9	21
110	boson pair production in proton-proton collisions at <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">W</math>	4.7	13
111	Physical Review D, 2020, 102, . Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of Instrumentation, 2020, 15, P02027-P02027.	1.2	27
112	Measurement of the $Y(1S)$ pair production cross section and search for resonances decaying to $Y(1S)\ell^+\ell^-$ in proton-proton collisions at <math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si.svg">W</math>	4.1	27
113	Physics Letters, Section B: Nuclear, <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">W</math>	4.7	11
114	Observation of the <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">W</math> with <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">W</math> stretchy="false"> ($\sqrt{s} = 13$ TeV). Journal of Instrumentation, 2020, 15, P09018-P09018.	7.8	14
115	Letters, 2020, 125, 152001. Study of central exclusive "Equation missing" <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">W</math> production in proton-proton collisions at $\sqrt{s} = 5.02$ and 13 TeV. European Physical Journal C, 2020, 80, 718.	3.9	7
116	Studies of Charm Quark Diffusion inside Jets Using Pb-Pb and <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">W</math> Collisions at <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">W</math>	7.8	9
117	Physical Review Letters, 2020, 125, 102001. Pileup mitigation at CMS in 13 TeV data. Journal of Instrumentation, 2020, 15, P09018-P09018.	1.2	47
118	Performance of the CMS Level-1 trigger in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of Instrumentation, 2020, 15, P10017-P10017.	1.2	84
119	Search for decays of the 125 GeV Higgs boson into a Z boson and a Υ or Υ' meson. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
120	Measurement of $B_c(2S)^+$ and $B_c^*(2S)^+$ cross section ratios in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2020, 102, . Measurements of the <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">W</math>	4.7	4
121	boson rapidity, helicity, double-differential cross sections, and charge asymmetry in <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">W</math> collisions at <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">W</math>	4.7	13
122	Measurement of the top quark Yukawa coupling from <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">W</math> kinematic distributions in the dilepton final state in proton-proton collisions at <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">W</math>	4.7	10
123	Evidence for Top Quark Production in Nucleus-Nucleus Collisions. Physical Review Letters, 2020, 125, 222001.	7.8	7
124	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.	4.7	21
125	Search for bottom-type, vectorlike quark pair production in a fully hadronic final state in proton-proton collisions at <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">W</math> Physical Review D, 2020, 102, .	4.7	21
126	Identification of heavy, energetic, hadronically decaying particles using machine-learning techniques. Journal of Instrumentation, 2020, 15, P06005-P06005.	1.2	56

#	ARTICLE	IF	CITATIONS
127	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.	4.7	4
128	Search for a light charged Higgs boson in the $H \rightarrow c\bar{c}$ channel in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	20
129	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.	4.7	20
130	Multiparticle correlation studies in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review C, 2020, 101, .	2.9	9
131	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. European Physical Journal C, 2020, 80, 534.	3.9	14
132	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.	4.7	20
133	Determination of the strong coupling constant $\hat{\alpha}_S(m_Z)$ from measurements of inclusive $W\hat{\alpha}_S$ 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.	4.7	6
134	Measurement of electroweak production of a W boson in association with two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 43.	3.9	11
135	Search for Supersymmetry with a Compressed Mass Spectrum in Events with a Soft 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.	7.8	6
136	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.	3.9	78
137	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.	3.9	70
138	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. European Physical Journal C, 2020, 80, 4.	3.9	198
139	Study of meson production inside jets in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 124.	4.1	6
140	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.	7.8	61
141	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.	7.8	61
142	Study of excited \hat{b}_0 states decaying to $\hat{b}_0 \rightarrow \bar{c}c$ in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 803, 135345.	4.1	24
143	A measurement of the Higgs boson mass in the diphoton decay channel. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135425.	4.1	63
144	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.	4.7	14

#	ARTICLE	IF	CITATIONS
145	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.	4.7	8
146	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.	4.7	13
147	Observation of the $\tau \rightarrow \mu \nu_\tau \bar{\nu}_\mu$ decay in proton-proton collisions at $s=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135203.	4.1	6
148	Observation of electroweak production of $W1^3$ with two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135988.	4.1	21
149	Reconstruction of signal amplitudes in the CMS electromagnetic calorimeter in the presence of overlapping proton-proton interactions. Journal of Instrumentation, 2020, 15, P10002-P10002.	1.2	9
150	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.	3.9	5
151	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.	3.9	22
152	Measurement of n -jet 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.	3.9	33
153	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.	4.7	17
154	Centrality and pseudorapidity dependence of the transverse energy density in pPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 022301.	2.9	6
155	Search for associated production of a Higgs boson and a single top quark in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 100, 052004.	4.7	10
156	Search for associated production of a Higgs boson and a single top quark in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 99, 052004.	4.7	20
157	Search for pair production of first-generation scalar leptoquarks at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 99, 052004.	4.7	31
158	Measurement of exclusive ρ^0 photoproduction in ultraperipheral pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 702.	3.9	33
159	Measurement of exclusive Υ photoproduction from protons in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 277.	3.9	35
160	Measurement of the top quark mass in the all-jets final state at $\sqrt{s} = 13$ TeV and combination with the lepton+jets channel. European Physical Journal C, 2019, 79, 313.	3.9	40
161	Search for long-lived particles using nonprompt jets and missing transverse momentum with proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134876.	4.1	26
162	Combination of CMS searches for heavy resonances decaying to pairs of bosons or leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134952.	4.1	17

#	ARTICLE	IF	CITATIONS
163	Search for anomalous electroweak production of vector boson pairs in association with two jets in proton-proton collisions at 13 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134985.	4.1	36
164	An embedding technique to determine \tilde{l}, \tilde{l}^* backgrounds in proton-proton collision data. Journal of Instrumentation, 2019, 14, P06032-P06032.	1.2	12
165	Performance of missing transverse momentum reconstruction in proton-proton collisions at $\sqrt{s} = 13$ TeV using the CMS detector. Journal of Instrumentation, 2019, 14, P07004-P07004.	1.2	83
166	Charged-particle angular correlations in XeXe collisions at $\sqrt{s_{NN}} = 2.9$ TeV. Physical Review C, 2019, 100, .	2.9	10
167	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in $\sqrt{s} = 13$ TeV collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 773.	3.9	8
168	Studies of Beauty Suppression via Nonprompt B Mesons in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 022001.	7.8	17
169	Measurement of electroweak WZ boson production and search for new physics in WZ + two jets events in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134985.	4.1	87
170	Search for Dark Matter Particles Produced in Association with a Top Quark Pair at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134985.	4.1	36
171	Search for Dark Matter Particles Produced in Association with a Top Quark Pair at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2019, 122, 011803.	7.8	12
172	Search for the pair production of light top squarks in the $e^+e^- \rightarrow t\bar{t}$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
173	Observation of prompt J/ψ meson elliptic flow in high-multiplicity pPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 791, 172-194.	4.1	21
174	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 421.	3.9	355
175	Measurements of the Higgs boson width and anomalous $H \rightarrow VV$ couplings from on-shell and off-shell production in the four-lepton final state. Physical Review D, 2019, 99, .	4.1	69
176	Measurements of the pp $\rightarrow t\bar{t} + WZ$ inclusive and differential production cross sections and constraints on charged anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
177	Measurement of properties of the Higgs boson decaying to a W boson pair in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134985.	4.1	44
178	Measurement of the $t\bar{t} \rightarrow t\bar{t} + \gamma$ production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 368.	3.9	68
179	Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	12
180	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 280.	3.9	29

#	ARTICLE	IF	CITATIONS
181	Search for isolated photon-tagged jets in Pb-Pb and p-p collisions at $\sqrt{s} = 2.76$ and 5.02 TeV. European Physical Journal C, 2019, 79, 123.	7.8	24
182	Study of the underlying event in top quark pair production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 123.	3.9	11
183	Search for rare decays of Z and Higgs bosons to J/ψ and a photon in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 94.	3.9	20
184	Search for $\overline{t}t\overline{b}b$ production in the $\overline{t}t$ decay channel with leptonic $\overline{t}t$ decays in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	28
185	Search for pair-produced three-jet resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 99, 094005.	7.8	62
186	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.	4.7	12
187	Measurement of nuclear modification factors of $\rho(1S)$, $\rho(2S)$, and $\rho(3S)$ mesons in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Nuclear Physics A, 2019, 984, 121857.	7.8	62
188	Measurement of differential cross sections for inclusive isolated-photon and photon+jet production in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 20.	3.9	18
189	Search for pair-produced three-jet resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 99, 094005.	4.7	5
190	Measurement of the top quark polarization and spin correlations using dilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	33
191	Search for pair-produced three-jet resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 99, 094005.	2.9	8
192	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.	4.7	18
193	Search for new physics in top quark production in dilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 886.	3.9	16
194	Search for long-lived particles using delayed photons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 100, 034005.	4.7	14
195	Measurements of differential Z boson production cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	28
196	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.	4.7	15
197	Study of the Λ_b^0 decay in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	3
198	Observation of Electroweak Production of Same-Sign Lepton Final State in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	7.8	86

#	ARTICLE	IF	CITATIONS
199	Observation of Correlated Azimuthal Anisotropy Fourier Harmonics in pp collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2018, 78, 242.	7.8	39
200	Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2018, 78, 242.	3.9	10
201	Measurement of the Spinning Function in pp Collisions at $\sqrt{s}=7\text{ TeV}$ and Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 251-272.	7.8	70
202	Measurement of quarkonium production cross sections in pp collisions at $\sqrt{s}=7\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 251-272.	4.1	13
203	Observation of the Higgs boson decay to a pair of τ , leptons with the CMS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 283-316.	4.1	125
204	Suppression of Excited χ_{c1} States Relative to the Ground State in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$. Physical Review Letters, 2018, 120, 142301.	7.8	38
205	Search for heavy resonances decaying to a top quark and a bottom quark in the lepton+jets final state in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 251-272.	4.1	16
206	Measurements of $pp \rightarrow t\bar{t} + b$ cross sections in association with b jets and inclusive jets and their ratio using dilepton final states in pp collisions at $\sqrt{s}=13\text{ TeV}$. European Physical Journal C, 2018, 78, 291.	4.1	16
207	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$. European Physical Journal C, 2018, 78, 291.	3.9	27
208	Measurements of the $pp \rightarrow Z + \ell\ell$ production cross section and the $Z \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at $\sqrt{s}=13\text{ TeV}$. European Physical Journal C, 2018, 78, 165.	3.9	52
209	Measurement of associated $Z + \text{charm}$ production in proton-proton collisions at $\sqrt{s}=8\text{ TeV}$. European Physical Journal C, 2018, 78, 287.	3.9	16
210	Measurement of the inclusive $\overline{t}t$ cross section in pp collisions at $\sqrt{s}=5.02\text{ TeV}$ using final states with at least one charged lepton. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5
211	Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	63
212	Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at $\sqrt{s_{NN}}=5.02\text{ TeV}$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
213	Measurement of the W^+W^- production cross section in pp collisions at $\sqrt{s}=13\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 195-216.	4.7	27
214	Measurement of the W^+W^- production cross section in pp collisions at $\sqrt{s}=13\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 195-216.	4.7	15
215	Measurement of the W^+W^- production cross section in pp collisions at $\sqrt{s}=13\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 195-216.	4.7	15
216	Search for $\overline{t}tH$ production in the all-jet final state in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20

#	ARTICLE	IF	CITATIONS
217	Search for pair-produced resonances decaying to quark pairs in proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2018, 98, .	4.7	16
218	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.	4.7	11
219	Pseudorapidity and transverse momentum dependence of flow harmonics in p and PbPb collisions. Physical Review C, 2018, 98, .	2.9	8
220	Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
221	Charged-particle nuclear modification factors in XeXe collisions at $\sqrt{s_{\mathrm{NN}}}=5.44$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
222	Precision measurement of the structure of the CMS inner tracking system using nuclear interactions. Journal of Instrumentation, 2018, 13, P10034-P10034.	1.2	11
223	Measurements of Higgs boson properties in the diphoton decay channel in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	57
224	Search for physics beyond the standard model in high-mass diphoton events from proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2018, 98, .	4.7	24
225	Search for physics beyond the standard model in high-mass diphoton events from proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2018, 98, .	4.7	24
226	Search for Z^0 resonances using leptonic and hadronic final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
227	Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	14
228	Observation of Medium-Induced Modifications of Jet Fragmentation in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Using Isolated Photon-Tagged Jets. Physical Review Letters, 2018, 121, 242301.	7.8	32
229	Performance of reconstruction and identification of \tilde{l} , leptons decaying to hadrons and \tilde{l} , leptons in pp collisions at $\sqrt{s}=13$ TeV. Journal of Instrumentation, 2018, 13, P10005-P10005.	1.2	69
230	Evidence for the Associated Production of a Single Top Quark and a Photon in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2018, 121, 221802.	7.8	14
231	Search for third-generation scalar leptoquarks decaying to a top quark and a τ lepton at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 707.	3.9	46
232	Measurement of differential cross sections for Z boson production in association with jets in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 965.	3.9	39
233	Studies of $B^0 \rightarrow B^+ B^-$ and $B^0 \rightarrow B^+ B^-$ and $B^0 \rightarrow B^+ B^-$		

#	ARTICLE	IF	CITATIONS
235	Search for a heavy resonance decaying into a Z boson and a Z or W boson in $2\gamma, 2q$ final states at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
236	Measurement of charged particle spectra in minimum-bias events from proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 697.	3.9	17
237	Effects of equation of state on hydrodynamic expansion, spectra, flow harmonics and two-pion interferometry. International Journal of Modern Physics E, 2018, 27, 1850058.	1.0	5
238	Search for new physics in dijet angular distributions using proton-proton collisions at $\sqrt{s}=13$ TeV and constraints on dark matter and other models. European Physical Journal C, 2018, 78, 789.	3.9	40
239	Azimuthal correlations for inclusive 2-jet, 3-jet, and 4-jet events in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	9
240	Search for high-mass resonances in final states with a lepton and missing transverse momentum at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	25
241	Measurement of the underlying event activity in inclusive Z boson production in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
242	Measurement of the $\sigma(\text{Z}/\gamma \rightarrow \text{e}^+\text{e}^-)$ cross section in pp collisions at $\sqrt{s}=13$ TeV and validation of $\sigma(\text{Z}/\gamma \rightarrow \text{e}^+\text{e}^-)$. European Physical Journal C, 2018, 78, 708.	3.9	10
243	Search for dark matter produced in association with a Higgs boson decaying to $\tau^+\tau^-$ or $\tau^+\nu_\tau$ at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
244	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.	4.7	10
245	Identification of heavy-flavour jets with the CMS detector in pp collisions at 13 TeV. Journal of Instrumentation, 2018, 13, P05011-P05011.	1.2	241
246	Measurement of prompt and nonprompt charmonium suppression in PbPb collisions at $5.02 < \sqrt{s} < 8.76$ TeV. European Physical Journal C, 2018, 78, 509.	3.9	83
247	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying $t\bar{t}$, leptons at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	38
248	Observation of Higgs Boson Decay to Bottom Quarks. Physical Review Letters, 2018, 121, 121801.	7.8	219
249	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.	3.9	17
250	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.	4.7	20
251	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.	4.7	13
252	Measurement of the inelastic proton-proton cross section at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	62

#	ARTICLE	IF	CITATIONS
253	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.	4.7	86
254	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.	7.8	36
255	Search for charm quark and a neutralino in proton-proton collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, 2018, 785, 14-19.	4.1	19
256	Constraints on the chiral magnetic effect using charge-dependent azimuthal correlations in $Pb-Pb$ collisions at the CERN Large Hadron Collider. Physical Review C, 2018, 97, 034907.	2.9	64
257	Meson Azimuthal Anisotropy in $Pb-Pb$ Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2018, 120, 202301.	7.8	70
258	Search for supersymmetry in proton-proton collisions at $\sqrt{s}=13$ TeV using identified top quarks. Physical Review D, 2018, 97, .	4.7	23
259	Nuclear modification factor of D_0 mesons in $PbPb$ collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, 2018, 785, 14-19.	4.1	101
260	Bose-Einstein correlations in $Pb-Pb$ collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2018, 120, 202301.	2.9	29
261	Search for new physics in final states with an energetic jet or a hadronically decaying lepton and jets from pp collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2018, 97, .	4.7	30
262	Search for new physics in final states with an energetic jet or a hadronically decaying lepton and jets from pp collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2018, 97, .	4.7	78
263	Jet properties in $PbPb$ and pp collisions at $\sqrt{s}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
264	Measurement of the associated production of a single top quark and a Z boson in pp collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 358-384.	4.1	17
265	Performance of the CMS muon detector and muon reconstruction with proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of Instrumentation, 2018, 13, P06015-P06015.	1.2	180
266	Elliptic Flow of Charm and Strange Hadrons in High-Multiplicity $Pb-Pb$ Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2018, 120, 202301.	7.8	48
267	Study of jet quenching with isolated-photon+jet correlations in $PbPb$ and pp collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2018, 120, 201801.	4.1	30
268	Search for top squarks and dark matter particles in opposite-charge dilepton final states at $\sqrt{s}=13$ TeV. Physical Review D, 2018, 97, .	4.7	36
269	Observation of $t\bar{t}$ production in $Pb-Pb$ collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2018, 120, 231801.	7.8	209
270	Search for a massive resonance decaying to a pair of Higgs bosons in the four b quark final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 244-269.	4.1	33

#	ARTICLE	IF	CITATIONS
271	Search for the χ_{c0} production cross section and the $\chi_{c0} \rightarrow \gamma \chi_{c0}$ branching fraction, and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13$, TeV . , 2018, 78, 1.	7.8	47
272	Measurements of the $(p \rightarrow Z)$ production cross section and the $(Z \rightarrow 4\ell)$ branching fraction, and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13$, TeV . , 2018, 78, 1.		3
273	Observation of the decay $B \rightarrow \pi^0 \pi^+ \pi^-$ in pp collisions at $\sqrt{s} = 13$, TeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 66-66.		
274	Search for supersymmetry in events with one lepton and multiple jets in proton-proton collisions at $\sqrt{s} = 13$, TeV . Physical Review D, 2017, 95, .	4.7	8
275	Measurements of the $t \bar{t} \rightarrow \ell^+ \ell^- \gamma$ production cross section in lepton+jets final states in pp collisions at $\sqrt{s} = 13$, TeV and ratio of 8 to 7 TeV cross sections. European Physical Journal C, 2017, 77, 15.	3.9	34
276	Measurement of the $t \bar{t} \rightarrow \ell^+ \ell^- \gamma$ production cross section using events in the $e \mu$ final state in pp collisions at $\sqrt{s} = 13$, TeV . European Physical Journal C, 2017, 77, 172.	3.9	40
277	Measurement and QCD analysis of double-differential inclusive jet cross sections in pp collisions at $\sqrt{s} = 8$, 7 , and 13 , TeV . Journal of High Energy Physics, 2017, 2017, 1.	4.7	54
278	Measurement of the production cross section of a W boson in association with two b jets in pp collisions at $\sqrt{s} = 8$, 13 , TeV . European Physical Journal C, 2017, 77, 92.	3.9	16
279	Measurement of the WZ production cross section in pp collisions at $\sqrt{s} = 7$, 8 , and 13 , TeV and search for anomalous triple gauge couplings at $\sqrt{s} = 8$, 13 , TeV . European Physical Journal C, 2017, 77, 236.	3.9	37
280	Measurement of prompt and nonprompt J/ψ production in pp and $p \text{Pb}$ collisions at $\sqrt{s_{NN}} = 5.02$, 8 , and 13 , TeV . European Physical Journal C, 2017, 77, 269.	3.9	53
281	Measurement of the production cross section of J/ψ in pp collisions at $\sqrt{s} = 13$, 8 , and 7 , TeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 357-379.	4.1	74
282	Jet energy scale and resolution in the CMS experiment in pp collisions at 8 , 13 , TeV . Journal of Instrumentation, 2017, 12, P02014-P02014.	1.2	216
283	A search for new phenomena in pp collisions at $\sqrt{s} = 13$, 8 , and 7 , TeV in final states with missing transverse momentum and at least one jet using the α_T variable. European Physical Journal C, 2017, 77, 294.	3.9	29
284	The CMS trigger system. Journal of Instrumentation, 2017, 12, P01020-P01020.	1.2	307
285	Search for top squark pair production in compressed-mass-spectrum scenarios in proton-proton collisions at $\sqrt{s} = 13$, 8 , and 7 , TeV using the \hat{E}_T variable. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 66-66.		
286	Search for dijet resonances in proton-proton collisions at $\sqrt{s} = 13$, 8 , and 7 , TeV and constraints on dark matter and other models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 526-542.	4.1	90
287	Observation of Charge-Dependent Azimuthal Correlations in pp Collisions and Its Implication for the Search for the Chiral Magnetic Effect. Physical Review Letters, 2017, 118, 122301.	7.8	1
288	Evidence for collectivity in pp collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 193-220.	4.1	243

#	ARTICLE	IF	CITATIONS
289	Search for Supersymmetry in $p\bar{p}$ Collisions at $\sqrt{s} = 13$ TeV. Measurement of the $R_{\text{had}}^{\text{B}}$ Meson Nuclear Modification Factor in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 459.	7.8	15
290	Measurement of the $R_{\text{had}}^{\text{B}}$ Meson Nuclear Modification Factor in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 459.	7.8	62
291	Measurement of the $R_{\text{had}}^{\text{B}}$ Meson Nuclear Modification Factor in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 459.	4.7	19
292	Pseudorapidity dependence of long-range two-particle correlations in $p\bar{p}$ collisions at $\sqrt{s} = 13$ TeV. Physical Review C, 2017, 96, .	2.9	6
293	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.	3.9	52
294	Measurement of the jet mass in highly boosted $t\bar{t}$ events from pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 467.	3.9	23
295	Search for supersymmetry in multijet events with missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2017, 96, .	4.7	61
296	Search for Charged Higgs Bosons Produced via Vector Boson Fusion and Decaying into a Pair of W and Z Bosons Using pp Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2017, 119, 141802.	7.8	54
297	Search for Low Mass Vector Resonances Decaying to Quark-Antiquark Pairs in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2017, 119, 111802.	7.8	35
298	Charged-particle nuclear modification factors in PbPb and pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	103
299	Coherent J/ψ photoproduction in ultra-peripheral PbPb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV with the CMS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 489-511.	4.1	17
300	Observation of Top Quark Production in Proton-Nucleus Collisions. Physical Review Letters, 2017, 119, 242001.	7.8	23
301	Constraints on anomalous Higgs boson couplings using production and decay information in the four-lepton final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 775, 1-24.	4.1	40
302	Search for new phenomena with the M_{T2} variable in the all-hadronic final state produced in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 710.	3.9	98
303	Search for black holes and other new phenomena in high-multiplicity final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 279-307.	4.1	15
304	Measurements of differential cross sections for associated production of a W boson and jets in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2017, 95, .	4.7	12
305	Measurement of the differential inclusive B^+ hadron cross sections in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 435-456.	4.1	24
306	Suppression and azimuthal anisotropy of prompt and nonprompt J/ψ production in PbPb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 252.	3.9	82

#	ARTICLE	IF	CITATIONS
307	Searches for pair production of third-generation squarks in $\sqrt{s}=13$ TeV pp collisions. European Physical Journal C, 2017, 77, 327.	3.9	32
308	Measurement of the top quark mass using single top quark events in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2017, 77, 354.	3.9	23
309	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2017, 77, 845.	7.8	24
310	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. Journal of High Energy Physics, 2017, 2017, 1.	4.7	22
312	Principal-component analysis of two-particle azimuthal correlations in PbPb and pPb collisions at CMS. Physical Review C, 2017, 96, .	4.7	48
313	Measurement of charged pion, kaon, and proton production in proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2017, 96, .	4.7	48
314	Search for top squark pair production in pp collisions at $\sqrt{s}=13$ TeV using single lepton events. Journal of High Energy Physics, 2017, 2017, 1.	4.7	31
315	Measurement of the $t\bar{t}$ production cross section using events with one lepton and at least one jet in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
316	Search for physics beyond the standard model in events with two leptons of same sign, missing transverse momentum, and jets in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2017, 77, 578.	3.9	57
317	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
318	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at $\sqrt{s}=13$ TeV. European Physical Journal C, 2017, 77, 636.	3.9	38
319	Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	101
320	Particle-flow reconstruction and global event description with the CMS detector. Journal of Instrumentation, 2017, 12, P10003-P10003.	1.2	348
321	Measurements of the associated production of a Z boson and b jets in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2017, 77, 751.	3.9	30
322	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2016, 76, 451.	3.9	55
323	Measurement of the W^+W^- cross section in pp collisions at $\sqrt{s}=8$ TeV and limits on anomalous gauge couplings. European Physical Journal C, 2016, 76, 401.	3.9	74
324	Search for heavy resonances decaying to two Higgs bosons in final states containing four b quarks. European Physical Journal C, 2016, 76, 371.	3.9	33

#	ARTICLE	IF	CITATIONS
325	Search for long-lived charged particles in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2016, 94, .	4.7	73
326	Search for lepton flavour violating decays of heavy resonances and quantum black holes to an $e\mu$ pair in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 317.	3.9	16
327	Search for two Higgs bosons in final states containing two photons and two bottom quarks in proton-proton collisions at 8 TeV. Physical Review D, 2016, 94, .	4.7	47
328	Measurement of the ZZ production cross section and Z $\gamma\gamma$ branching fraction in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 280-303.	4.1	22
329	Measurement of transverse momentum relative to dijet systems in PbPb and pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	31
330	Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	7
331	Search for the associated production of a Higgs boson with a single top quark in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
332	Search for Narrow Resonances in Dijet Final States at $\sqrt{s} = 13$ TeV. the Novel CMS Technique of Data Scouting. Physical Review Letters, 2016, 117, 031802.	7.8	74
333	Search for new physics in same-sign dilepton events in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2016, 76, 439.	3.9	64
334	Search for Resonant Production of High-Mass Photon Pairs in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2016, 117, 051802.	7.8	73
335	Measurement of the differential cross sections for top quark pair production as a function of binematic event variables in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Physical Review D, 2016, 94, .	4.7	4
336	Search for vectorlike charge $\frac{1}{3}$ in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2016, 94, .		

#	ARTICLE	IF	CITATIONS
343	<p>Measurement of the Top Quark Pair Production Cross Section in Proton-Proton Collisions at $\sqrt{s} = 7$ and 8 TeV. <i>Physical Review Letters</i>, 2016, 116, 052002.</p> <p>Measurement of dijet azimuthal decorrelation in pp collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i>, 2016, 76, 536.</p>	7.8	20
344	Search for s channel single top quark production in pp collisions at $s = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	34
345	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.	3.9	29
348	Measurement of differential and integrated fiducial cross sections for Higgs boson production in the four-lepton decay channel in pp collisions at $s = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	19
349	Measurement of the $t \bar{t}$ production cross section in the e^+e^- channel in proton-proton collisions at $s = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	41
350	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. <i>European Physical Journal C</i> , 2016, 76, 379.	3.9	34
351	Measurement of the differential cross section and charge asymmetry for inclusive $p \bar{p} \rightarrow W^{\pm} + X$ production at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2016, 76, 469.	3.9	83
352	Measurement of the $t \bar{t}$ production cross section in the all-jets final state in pp collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2016, 76, 128.	3.9	41
353	Event generator tunes obtained from underlying event and multiparton scattering measurements. <i>European Physical Journal C</i> , 2016, 76, 155.	3.9	499
354	Search for massive WH resonances decaying into the $b \bar{b}$ final state at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2016, 76, 237.	3.9	30
355	Search for Narrow Resonances Decaying to Dijets in Proton-Proton Collisions at $\sqrt{s} = 7$ and 8 TeV. <i>Physical Review Letters</i> , 2016, 116, 071801.	7.8	114
356	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into $\tilde{l}, \tilde{\nu}$, leptons in pp collisions at $s = 8$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	19
357	Measurement of differential cross sections for Higgs boson production in the diphoton decay channel in pp collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2016, 76, 13.	3.9	62
358	Evidence for transverse-momentum- and pseudorapidity-dependent event-plane fluctuations in PbPb and pPb collisions. <i>Physical Review C</i> , 2015, 92, .	2.9	140
359	Search for the standard model Higgs boson produced through vector boson fusion and decaying to $b \bar{b}$. <i>Physical Review D</i> , 2015, 92, .	4.7	43
360	Production of leading charged particles and leading charged-particle jets at small transverse momenta in pp collisions at $\sqrt{s} = 8$ TeV. <i>Physical Review D</i> , 2015, 92, .	4.7	7

#	ARTICLE	IF	CITATIONS
361	Search for physics beyond the standard model in final states with a lepton and missing transverse energy in proton-proton collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2015, 91, .	4.7	73
362	Study of final-state radiation in decays of Z bosons produced in pp collisions at 7 TeV. Physical Review D, 2015, 91, .	4.7	5
363	Measurement of diffractive dissociation cross sections in $\sqrt{s}=8$ TeV proton-proton collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2015, 91, .	4.7	46
364	Constraints on the spin-parity and anomalous HVV couplings of the Higgs boson in proton collisions at 7 and 8 TeV. Physical Review D, 2015, 92, .	4.7	185
365	Search for supersymmetry with photons in pp collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2015, 92, .	4.7	7
366	Limits on the Higgs boson lifetime and width from its decay to four charged leptons. Physical Review D, 2015, 92, .	4.7	55
367	Evidence for Collective Multiparticle Correlations in $\sqrt{s}=8$ TeV proton-proton collisions. Physical Review Letters, 2015, 115, 012301.	7.8	177
368	Search for pair-produced resonances decaying to jet pairs in proton-proton collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 98-119.	4.1	63
369	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.	4.7	37
370	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.	4.7	24
371	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.	4.7	92
372	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.	3.9	541
373	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.	3.9	68
374	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.	3.9	191
375	Measurements of the ZZ production cross sections in the $2\ell 2\ell$ channel in proton-proton collisions at $\sqrt{s}=7$ and $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 511.	3.9	32
376	Long-range two-particle correlations of strange hadrons with charged particles in pPb and PbPb collisions at LHC energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 200-224.	4.1	77
377	Search for new resonances decaying via WZ to leptons in proton-proton collisions at $\sqrt{s}=8$ TeV. Measurement of the ZZ production cross section and constraints on anomalous triple gauge couplings in four-lepton final states at $\sqrt{s}=8$ TeV. Physical Review D, 2015, 92, .	4.1	52

#	ARTICLE	IF	CITATIONS
379	Measurement of the cross section ratio $\sigma(\text{charm})/\sigma(\text{charm})$ in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 114, 061801.	4.1	24
380	Search for long-lived neutral particles decaying to quark-antiquark pairs in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2015, 91, .	4.1	15
381	Search for long-lived particles that decay into final states containing two electrons or two muons in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2015, 91, .	4.7	46
382	Search for long-lived neutral particles decaying to quark-antiquark pairs in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2015, 91, .	4.7	90
383	Search for long-lived particles that decay into final states containing two electrons or two muons in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2015, 91, .	4.7	70
384	Search for Monotop Signatures in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2015, 114, 101801.	7.8	36
385	Search for Displaced Supersymmetry in Events with an Electron and a Muon with Large Impact Parameters. Physical Review Letters, 2015, 114, 061801.	7.8	44
386	Measurement of $\sigma(\text{charm})/\sigma(\text{charm})$ in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2015, 114, 061801.	7.8	60
387	Study of Vector Boson Scattering and Search for New Physics in Events with Two Same-Sign Leptons and Two Jets. Physical Review Letters, 2015, 114, 051801.	7.8	80
388	Search for resonances and quantum black holes using dijet mass spectra in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2015, 91, .	4.7	167
389	Search for displaced supersymmetry using factor variables in events with tagged jets in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2015, 114, 061801.	4.7	46
390	Measurement of electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 66.	3.9	31
391	Measurements of differential and double-differential Drell-Yan cross sections in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 147.	3.9	88
392	Search for decays of stopped long-lived particles produced in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 151.	3.9	44
393	Study of Z production in PbPb and pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV in the dimuon and dielectron decay channels. Journal of High Energy Physics, 2015, 2015, 1.	4.7	27
394	Pseudorapidity distribution of charged hadrons in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 143-163.	4.1	45
395	Search for dark matter, extra dimensions, and unparticles in monojet events in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 235.	3.9	320
396	Nuclear effects on the transverse momentum spectra of charged particles in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2015, 75, 237.	3.9	58

#	ARTICLE	IF	CITATIONS
397	Measurement of Prompt J/ψ pair production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.1	34
398	Searches for heavy Higgs bosons in two-Higgs-doublet models and for $\tilde{\chi}^0_1$ decay using multilepton and diphoton final states in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2014, 90, .	7.8	47
399	Search for supersymmetry with razor variables in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2014, 90, .	4.7	51
400	Measurement of top quark $\bar{q}q$ 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.	4.7	15
401	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.	3.9	43
402	Search for neutral MSSM Higgs bosons decaying to a pair of tau leptons in pp collisions. Journal of High Energy Physics, 2014, 2014, 1.	3.9	65
403	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.	4.7	81
404	Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and W, Z, and Higgs bosons in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2014, 74, 3036.	3.9	49
405	Measurement of prompt J/ψ pair production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	3.9	241
406	Search for excited quarks in the $pp \rightarrow \tilde{q} + \text{jet} + \text{proton} + \text{jet}$ final state in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2014, 89, .	4.7	61
407	Measurement of jet fragmentation in PbPb and pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2014, 89, .	4.1	23
408	Measurement of higher-order harmonic azimuthal anisotropy in PbPb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2014, 89, .	2.9	113
409	Measurement of inclusive W and Z boson production cross sections in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2014, 112, 171801.	7.8	94
410	Measurement of inclusive W and Z boson production cross sections in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2014, 112, 171801.	7.8	63
411	Search for Top-Quark Partners with Charge $\pm 2/3$ in the Same-Sign Dilepton Final State. Physical Review Letters, 2014, 112, 171801.	7.8	76
412	Measurement of the W and Z boson production cross sections in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2014, 112, 171801.	4.7	6
413	Measurement of the W and Z boson production cross sections in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2014, 112, 171801.	4.7	37
414	Measurement of the W and Z boson production cross sections in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2014, 112, 171801.		

#	ARTICLE	IF	CITATIONS
415	Search for Flavor-Changing Neutral Currents in Top Quark Decays Physical Review D, 2014, 89, . Search for Higgs boson and decaying to bottom quarks. Physical Journal C, 2014, 74, 3076.	4.7	161
416	Search for Higgs boson production and constraints on anomalous quartic gauge couplings in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	64
417	Search for Higgs boson production and constraints on anomalous quartic gauge couplings in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	83
418	Observation of the diphoton decay of the Higgs boson and measurement of its properties. European Physical Journal C, 2014, 74, 3076.	3.9	342
419	Evidence of Jet Quenching in PbPb Collisions at LHC. Physical Review Letters, 2014, 113, 172301.	7.8	85
420	Search for Higgs boson production and constraints on anomalous quartic gauge couplings in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	41
421	Measurement of four-jet production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	56
422	Measurement of four-jet production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	40
423	Measurement of the properties of a Higgs boson in the four-lepton final state. Physical Review D, 2014, 89, .	4.7	299
424	Search for the associated production of the Higgs boson with a top-quark pair. Journal of High Energy Physics, 2014, 2014, 1.	4.7	51
425	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.	4.7	3
426	Identification techniques for highly boosted W bosons that decay into hadrons. Journal of High Energy Physics, 2014, 2014, 1.	4.7	43
427	Determination of the top-quark pole mass and strong coupling constant from the 900 GeV dilepton resonance. Physical Review Letters, 2014, 113, 172301.	4.1	36
428	Measurement of Higgs boson production and properties in the WW decay channel with leptonic final states. Journal of High Energy Physics, 2014, 2014, 1.	4.7	169
429	Measurement of Higgs boson production and properties in the WW decay channel with leptonic final states. Journal of High Energy Physics, 2014, 2014, 1.	4.7	169
430	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.	4.7	77
431	Measurement of associated W + charm production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	55
432	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.	4.7	48

#	ARTICLE	IF	CITATIONS
433	ment of the ratio $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi mathvariant="script" \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false" \rangle (\langle \text{mml:mo} \rangle \langle \text{mml:mi mathvariant="normal" \rangle t \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle T_j \text{ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 stretchy="false" \rangle / \langle \text{mml:mo} \rangle \langle \text{mml:mi mathvariant="script" \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mo}$		

#	ARTICLE	IF	CITATIONS
451	Modification of jet shapes in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2014, 730, 243-246.	11.1	144
452	Observation of the Associated Production of a Single Top Quark and a Higgs Boson in pp Collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2013, 730, 243-246.	7.8	108
453	Search for the associated production of the Higgs boson with a top-quark pair. <i>Physical Review Letters</i> , 2014, 730, 243-246.	4.1	112
454	Search for the associated production of the Higgs boson with a top-quark pair. <i>Physical Review Letters</i> , 2014, 730, 243-246.		6
455	Search for microscopic black holes in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	44
456	Study of exclusive two-photon production of $W+W^*$ in pp collisions at $\sqrt{s} = 7$ TeV and constraints on anomalous quartic gauge couplings. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	75
457	Observation of a new boson with mass near 125 GeV in pp collisions at $\sqrt{s} = 7$ TeV and 8 TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	320
458	Studies of jet mass in dijet and W/Z + jet events. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	58
459	Measurement of the $X(3872)$ production cross section via decays to $J/\psi \eta' + \eta' \pi^0$ in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	73
460	Study of the underlying event at forward rapidity in pp collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	50
461	Search for new physics in events with photons, jets, and missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	15
462	Search for exotic resonances decaying into WZ/ZZ in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	20
463	Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in events with a single lepton, jets, and missing transverse momentum. <i>European Physical Journal C</i> , 2013, 73, 2404.	3.9	20
464	Search for a standard-model-like Higgs boson with a mass in the range 145 to 1000 GeV at the LHC. <i>European Physical Journal C</i> , 2013, 73, 2469.	3.9	68
465	Search for flavor changing neutral currents in top quark decays in pp collisions at 7 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 718, 1252-1272.	4.1	20
466	Search for supersymmetry in events with photons and low missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 719, 42-61.	4.1	22
467	Measurement of neutral strange particle production in the underlying event in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review D</i> , 2013, 88, 014004.	4.7	7
468	Observation of a diffractive contribution to dijet production in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review D</i> , 2013, 87, 014004.	4.7	24

#	ARTICLE	IF	CITATIONS
469	Measurement of the production cross section for $\mathrm{Z}\gamma$ or $u\bar{u}\gamma$ 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.	4.7	14
470	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.	3.9	147
471	Search for physics beyond the standard model in events with \bar{l} , leptons, jets, and large transverse momentum imbalance in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2493.	3.9	22
472	Measurement of the $\mathrm{t}\bar{\mathrm{t}}$ production cross section in the $\bar{l}, +\text{jets}$ channel in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 1.	3.9	24
473	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.	3.9	32

474

#	ARTICLE	IF	CITATIONS
487	Search for a non-standard-model Higgs boson decaying to a pair of new light bosons in four-muon final states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 564-586.	4.1	32
488	Multiplicity and transverse momentum dependence of two- and four-particle correlations in pPb and PbPb collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 213-240.	4.1	354
489	of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false" \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle \text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (mathvariant="r$		

#	ARTICLE	IF	CITATIONS
505	Measurements of differential jet cross sections in proton-proton collisions at $\sqrt{s} = 7$ TeV using the CMS detector. <i>Physical Review D</i> , 2013, 87, .	4.7	115
506	Search for new physics in final states with a lepton and missing transverse energy in pp collisions at the LHC. <i>Physical Review D</i> , 2013, 87, .	4.7	11
507	Search for fractionally charged particles in $\sqrt{s} = 7$ TeV proton-proton collisions at the LHC. <i>Physical Review D</i> , 2013, 87, .	4.7	12
508	Search for pair production of first- and second-generation scalar leptoquarks in $\sqrt{s} = 7$ TeV proton-proton collisions at the LHC. <i>Physical Review D</i> , 2013, 87, .	4.7	41
509	Measurement of the Azimuthal Anisotropy of Neutral Pions in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013, 110, 042301.	7.8	82
510	Evidence for Associated Production of a Single Top Quark and W Boson in $\sqrt{s} = 7$ TeV Proton-Proton Collisions. <i>Physical Review Letters</i> , 2013, 110, 022003.	7.8	61
511	Search for pair-produced dijet resonances in four-jet final states in $\sqrt{s} = 7$ TeV proton-proton collisions at the LHC. <i>Physical Review D</i> , 2013, 87, .	7.8	43
512	Search for pair production of third-generation leptoquarks and top squarks in $\sqrt{s} = 7$ TeV proton-proton collisions at the LHC. <i>Physical Review D</i> , 2013, 87, .	4.7	12
513	Search for pair production of first- and second-generation scalar leptoquarks in $\sqrt{s} = 7$ TeV proton-proton collisions at the LHC. <i>Physical Review D</i> , 2013, 87, .	7.8	44
514	Search for supersymmetry in events with opposite-sign dileptons and missing transverse energy using an artificial neural network. <i>Physical Review D</i> , 2013, 87, .	4.7	13
515	Measurement of the elliptic anisotropy of charged particles produced in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2013, 87, .	2.9	185
516	Search for supersymmetry in final states with a single lepton, b-quark jets, and missing transverse energy in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review D</i> , 2013, 87, .	4.7	9
517	Measurement of associated production of vector bosons and top quark-antiquark pairs in $\sqrt{s} = 7$ TeV proton-proton collisions at the LHC. <i>Physical Review D</i> , 2013, 87, .	7.8	45
518	Phenomenology of the Squeezed Hadronic Correlations at RHIC Energies. <i>Progress of Theoretical Physics Supplement</i> , 2012, 193, 293-296.	0.1	1
519	Search for pair production of first- and second-generation scalar leptoquarks in $\sqrt{s} = 7$ TeV proton-proton collisions at the LHC. <i>Physical Review D</i> , 2013, 87, .	4.7	32
520	Measurement of the Pseudorapidity and Centrality Dependence of the Transverse Energy Density in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb Collisions at the LHC. <i>Physical Review Letters</i> , 2012, 109, 152303.	7.8	62
521	Azimuthal Anisotropy of Charged Particles at High Transverse Momenta in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 109, 022301.	7.8	62
522	Search for supersymmetry in events with opposite-sign dileptons and missing transverse energy using an artificial neural network. <i>Physical Review D</i> , 2013, 87, .	4.7	13

#	ARTICLE	IF	CITATIONS
523	Search for New Physics in the Multijet and Missing Transverse Momentum Final State in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2012, 109, 171803.	7.8	29
524	Search for New Physics with Same-Sign Isolated Dilepton Events with Jets and Missing Transverse Energy. Physical Review Letters, 2012, 109, 071803.	7.8	49
526	Search for the Standard Model Higgs Boson in the Decay Channel $H \rightarrow Z\gamma$. Physical Review Letters, 2012, 109, 251801.	7.8	97
527	Measurement of the Electron Charge Asymmetry in Inclusive W Production in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2012, 109, 251801.	7.8	65
528	Search for supersymmetry in events with b -quark jets and missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2012, 86, .	4.7	18
529	Inclusive search for squarks and gluinos in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2012, 109, 251801.	4.7	41
530	Combined search for the quarks of a sequential fourth generation. Physical Review D, 2012, 86, .	4.7	26
532	Study of the Dijet Mass Spectrum in pp Events at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2012, 109, 251801.	7.8	15
533	Search for Dark Matter and Large Extra Dimensions in pp Collisions Yielding a Photon and Missing Transverse Energy. Physical Review Letters, 2012, 108, 261803.	7.8	126
534	Observation of Sequential J/ψ Suppression in PbPb Collisions. Physical Review Letters, 2012, 109, 222301.	7.8	220
535	Observation of a New Λ_b Baryon. Physical Review Letters, 2012, 108, 252002.	7.8	65
536	Inclusive b -jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	39
537	Search for quark compositeness in dijet angular distributions from pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	18
538	Suppression of non-prompt J/ψ , prompt J/ψ , and $\Upsilon(1S)$ in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	200
539	Search for heavy bottom-like quarks in 4.9 fb^{-1} of pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	45
540	Measurement of the cross section for production of b decaying to muons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	6

#	ARTICLE	IF	CITATIONS
541	Measurement of the $Z/\hat{3}^* \hat{a} \hat{e} \hat{b}$ -jet cross section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	39
542	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	31
543	Search for anomalous production of multilepton events in pp collisions at $\sqrt{s} = 7$,TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	68
544	Search for a light charged Higgs boson in top quark decays in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	117
545	Search for leptonic decays of $W \hat{e}^2$ bosons in pp collisions at $\sqrt{s} = \{7\}$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	49
546	Search for stopped long-lived particles produced in pp collisions at $\sqrt{s} = \{\text{ext}\{7\text{TeV}\}\}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	17
547	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.	4.7	30
548	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.	4.7	13
549	Search for anomalous \overline{t} production in the highly-boosted all-hadronic final state. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
550	Search for dark matter and large extra dimensions in monojet events in pp collisions at $\sqrt{s} = \{7\}$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	168
551	Search for a fermiophobic Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	15
552	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.	4.7	95
553	Measurement of jet fragmentation into charged particles in pp and PbPb collisions at $\sqrt{s_{\mathbb{N}\mathbb{N}}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	85
554	Measurement of the \overline{t} production cross section in the dilepton channel in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	69
555	Search for exclusive or semi-exclusive $\hat{3}^3$ production and observation of exclusive and semi-exclusive $e \hat{e}^*$ production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	51
556	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.	4.7	7
557	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.	4.7	41
558	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.	4.7	11

#	ARTICLE	IF	CITATIONS
559	Search for resonant $\overline{\text{t}}\text{t}$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26
560	Observation of Z decays to four leptons with the CMS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	34
561	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.	4.7	83
562	Observation of a new boson at a mass of 125 GeV with the CMS experiment at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 30-61.	4.1	6,177
563	Measurement of the $\overline{\text{t}}\text{t}$ production cross section in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	35
564	Search for Heavy Neutrinos and $\overline{\text{W}}\text{R}$ Bosons with Right-Handed Couplings in a Left-Right Symmetric Model in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	7.8	53
565	Measurement of the $\overline{\text{t}}\text{t}$ production cross section in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	108
566	Search for neutral Higgs bosons decaying to tau pairs in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 68-90.	4.1	120
567	Search for heavy long-lived charged particles in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 68-90.	4.1	37
568	Search for heavy long-lived charged particles in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 68-90.	4.1	37
569	Search for W boson production in PbPb and pp collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 103-121.	4.1	45
570	Study of W boson production in PbPb and pp collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 103-121.	4.1	83
571	Search for heavy top-like quark pair production in the dilepton final state in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 103-121.	4.1	45
572	Search for high-mass resonances decaying into l-lepton pairs in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 103-121.	4.1	29
573	Measurement of the underlying event in the Drell-Yan process in proton-proton collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	33
574	Study of the inclusive production of charged pions, kaons, and protons in pp collisions at $\sqrt{s}=0.9, 2.76, 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	154
575	A search for a doubly-charged Higgs boson in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	129
576	Measurement of the top-quark mass in $\overline{\text{t}}\text{t}$ events with dilepton final states in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	42

#	ARTICLE	IF	CITATIONS
577	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton–proton collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2012, 72, 1.	3.9	26

578

#	ARTICLE	IF	CITATIONS
595	Measurement of the charge asymmetry in top-quark pair production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 28-49.	4.1	79
596	Combined results of searches for the standard model Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 26-48.	4.1	107
597	Search for the standard model Higgs boson decaying to bottom quarks in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 256-277.	4.1	89
598	Search for the standard model Higgs boson decaying into two photons in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 403-425.	4.1	122
599	Search for the standard model Higgs boson decaying into two photons in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 403-425.	4.1	148
600	Jet momentum dependence of jet quenching in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 176-197.	4.1	17
601	Study of high-p T charged particle suppression in PbPb compared to pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	369
602	Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	181
603	Jet production rates in association with W and Z bosons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
604	Exclusive $\bar{t}\bar{t}' + \bar{t}\bar{t}' + \bar{t}\bar{t}' + \bar{t}\bar{t}'$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	56
605	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.	4.7	26
606	Measurement of the production cross section in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 84, .	4.7	45
607	Measurement of the production cross section for isolated prompt photon production in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 84, .	4.7	88
608	Measurement of the differential cross section for isolated prompt photon production in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 84, .	4.7	65
609	Measurement of the production cross section for isolated prompt photon production in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 84, .	4.7	35
610	Observation and studies of jet quenching in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 84, .	2.9	455
611	Observation and studies of jet quenching in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 84, .	2.9	455
612	Observation and studies of jet quenching in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 84, .	2.9	455

#	ARTICLE	IF	CITATIONS
613	Indications of Suppression of Excited Λ States in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 535-555.	7.8	153
614	Measurement of Dijet Angular Distributions and Search for Quark Compositeness in pp Collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	7.8	54
615	Measurement of W and Z production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.1	39
616	Measurement of the ratio of the 3-jet to 2-jet cross sections in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 123-142.	4.1	14
617	Search for resonances in the dijet mass spectrum from 7 TeV pp collisions at CMS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 123-142.	4.1	12
618	Search for physics beyond the standard model using multilepton signatures in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.1	8
620	Search for physics beyond the standard model using multilepton signatures in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.1	28
621	Update on the status of hadronic squeezed correlations at RHIC energies. Physics of Particles and Nuclei Letters, 2011, 8, 951-954.	0.4	0
622	Prompt and non-prompt J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	3.9	135
623	Measurement of the τ 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.	3.9	37
624	Charged particle multiplicities in pp interactions at $\sqrt{s} = 0.9, 2.36,$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	106
625	Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	122
626	Search for heavy stable charged particles in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	38
627	Inclusive b -hadron production cross section with muons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	23
628	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.	4.7	32
629	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.	4.7	59
630	Measurement of Bose-Einstein correlations in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	30

#	ARTICLE	IF	CITATIONS
631	Strange particle production in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	139
632	Search for large extra dimensions in the diphoton final state at the Large Hadron Collider. Journal of High Energy Physics, 2011, 2011, 1.	4.7	22
633	Search for resonances in the dilepton mass distribution in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	39
634	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.	4.7	26
635	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.	4.7	46
636	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.	4.7	10
637	Measurement of the $t\bar{t}$ 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.	4.7	53
638	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.	4.7	65
639	Search for light resonances decaying into pairs of muons as a signal of new physics. Journal of High Energy Physics, 2011, 2011, 1.	4.7	13
640	Search for supersymmetry in events with b jets and missing transverse momentum at the LHC. Journal of High Energy Physics, 2011, 2011, 1.	4.7	29
641	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.	4.7	40
642	Charged particle transverse momentum spectra in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	56
643	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.	4.7	20
644	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.	4.7	99
645	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.	4.7	49
646	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.	4.7	32
647	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.	4.7	97
648	Measurement of the Drell-Yan cross section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	36

#	ARTICLE	IF	CITATIONS
649	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.	4.7	158
650	Measurement of energy flow at large pseudorapidities in pp collisions at $\sqrt{s} = 0.9$ TeV and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	25
651	First measurement of the cross section for top-quark pair production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 424-443.	4.1	90
652	Search for microscopic black hole signatures at the Large Hadron Collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 434-453.	4.1	65
653	Search for a heavy gauge boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 196-218.	4.1	26
654	Search for supersymmetry in pp collisions at 7 TeV in events with jets and missing transverse energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 196-218.	4.1	171
655	Measurement of $W+W\bar{a}$ production and search for the Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 48-67.	4.1	104
656	First measurement of hadronic event shapes in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 48-67.	4.1	38
657	Measurement of the differential dijet production cross section in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 48-67.	4.1	104
658	Search for a heavy gauge boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 196-218.	4.1	27
659	Measurement of the isolated prompt photon production cross section in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 48-67.	4.1	30
660	Search for supersymmetry at the LHC in events with jets and missing transverse energy. Physical Review Letters, 2011, 107, 221804.	7.8	62
661	Measurement of the isolated prompt photon production cross section in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 212301.	7.8	80
662	Search for $B_s \rightarrow \tau^+ \tau^-$ and $B \rightarrow \tau^+ \tau^-$ Decays in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 107, 221802.	7.8	1802
663	Search for Pair Production of Second-Generation Scalar Leptoquarks in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201803.	7.8	17
664	Search for Supersymmetry at the LHC in Events with Jets and Missing Transverse Energy. Physical Review Letters, 2011, 107, 221804.	7.8	208
665	Study of Z Boson Production in PbPb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 212301.	7.8	80
666	Search for Supersymmetry in pp Collisions at $\sqrt{s} = 7$ TeV in Events with Two Photons and Missing Transverse Energy. Physical Review Letters, 2011, 106, 211802.	7.8	47

#	ARTICLE	IF	CITATIONS
667	Search for Pair Production of First-Generation Scalar Leptoquarks in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201802.	7.8	21
668	Measurement of the weak mixing angle with the Drell-Yan process in proton-proton collisions at the LHC. Physical Review D, 2011, 84, .	4.7	51
669	Search for a Vectorlike Quark with Charge $\pm 2/3$ in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201802.	7.8	53
670	Search for a Vectorlike Quark with Charge $\pm 2/3$ in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201802.	7.8	59
671	Measurement of the $B \rightarrow D^* \tau \nu_\tau$ Cross Section in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201802.	7.8	125
672	Cross Section in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201802.	7.8	61
673	Search for Integer Resonances in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 107, 201803.	7.8	34
674	Publisher's Note: Search for Dijet Resonances in pp Collisions at CMS [Phys. Rev. Lett.105, 211801 (2010)]. Physical Review Letters, 2011, 106, .	7.8	9
675	Dijet Azimuthal Decorrelations in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201803.	7.8	74
676	Dijet Azimuthal Decorrelations in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201803.	7.8	60
677	Measurement of the $W \rightarrow \tau \nu_\tau$ Channel Single Top Quark Production Cross Section in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 107, .	7.8	46
678	Search for Stopped Gluinos in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201803.	7.8	70
679	Search for Stopped Gluinos in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201803.	7.8	41
680	Measurement of Bose-Einstein correlations in pp collisions at the LHC with CMS. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124057.	3.6	1
681	Measurement of energy flow at large pseudorapidities in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. , 2011, 2011, 1.		5
682	First measurement of the underlying event activity at the LHC with $\sqrt{s} = 0.9$ TeV. European Physical Journal C, 2010, 70, 555-572.	3.9	50
683	CMS tracking performance results from early LHC operation. European Physical Journal C, 2010, 70, 1165-1192.	3.9	120
684	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.	4.7	230

#	ARTICLE	IF	CITATIONS
685	Observation of long-range, near-side angular correlations in proton-proton collisions at the LHC. Journal of High Energy Physics, 2010, 2010, 1.	4.7	497
686	Measurement of the charge ratio of atmospheric muons with the CMS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 692, 83-104.	4.1	38
687	Squeezed correlations of strange particles and antiparticles. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 094056.	3.6	4
688	Search for Quark Compositeness with the Dijet Centrality Ratio in p - p Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2010, 105, 032001.	7.8	41
689	First Measurement of Bose-Einstein Correlations in Proton-Proton Collisions at $\sqrt{s} = 2.36$ TeV at the LHC. Physical Review Letters, 2010, 105, 032001.	7.8	49
690	Searching for squeezed particle-antiparticle correlations in high-energy heavy-ion collisions. Physical Review C, 2010, 82, .	2.9	5
691	Transverse Momentum and Pseudorapidity Distributions of Charged Hadrons in p - p Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2010, 105, 211801.	7.8	400
692	Search for Dijet Resonances in 7 TeV p - p Collisions at CMS. Physical Review Letters, 2010, 105, 211801.	7.8	126
693	Squeezed K - K correlations in high energy heavy ion collisions. Physical Review C, 2010, 82, .	2.9	1
694	Search for squeezed-pair correlations at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 104141.	3.6	4
695	Yogiro Hama: a life in time and space. Brazilian Journal of Physics, 2007, 37, iii-xiv.	1.4	0
696	Disappearance of squeezed back-to-back correlations: a new signal of hadron freeze-out from a supercooled quark gluon plasma. Brazilian Journal of Physics, 2007, 37, 949-960.	1.4	5
697	Status and promise of particle interferometry in heavy-ion collisions. Brazilian Journal of Physics, 2007, 37, xxxi-xxxiv.	1.4	1
698	3D Relativistic Hydrodynamic Computations Using Lattice-QCD-Inspired Equations of State. Nuclear Physics A, 2006, 774, 169-178.	1.5	53
699	Survival of Back-to-Back Correlations for Finite Expanding Fireballs. Nuclear Physics A, 2006, 774, 615-618.	1.5	1
700	Back-to-Back Correlations in Finite Expanding Systems. AIP Conference Proceedings, 2006, , .	0.4	2
701	Effects of LatticeQCD EoS and Continuous Emission on Some Observables. AIP Conference Proceedings, 2006, , .	0.4	2
702	Back-to-back correlations for finite expanding fireballs. Physical Review C, 2006, 73, .	2.9	21

#	ARTICLE	IF	CITATIONS
703	HBT interferometry: historical perspective. Brazilian Journal of Physics, 2005, 35, 70-99.	1.4	18
704	Q-boson interferometry and generalized Wigner function. Physical Review C, 2004, 69, .	2.9	7
705	Expansion Effects on Back-to-Back Correlations. AIP Conference Proceedings, 2004, , .	0.4	0
706	Two-Q-boson interferometry and generalization of the Wigner function. AIP Conference Proceedings, 2004, , .	0.4	1
707	Possible origin of RHIC Rout/Rsid HBT results. Nuclear Physics A, 2003, 715, 637c-640c.	1.5	1
708	Squeezed fermions at relativistic heavy ion colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 512, 49-56.	4.1	12
709	Continuous emission versus freeze-out via Hanbury Brown-Twiss. Physical Review C, 2000, 62, .	2.9	12
710	Small size boundary effects on two-pion interferometry. Physical Review C, 2000, 62, .	2.9	7
711	Testing the resolving power of two-dimensional K+K+ interferometry. Physical Review C, 1998, 58, 2907-2913.	2.9	2
712	Hanbury-Brown-Twiss interferometry for sonoluminescence bubble. Physical Review A, 1997, 56, 2233-2236.	2.5	7
713	Resolving power of 2D pion interferometry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 348, 303-308.	4.1	2
714	Pion interferometry and resonances in pp and AA collisions. Nuclear Physics A, 1992, 544, 537-541.	1.5	8
715	Interferometric probes of ultrarelativistic nuclear collisions. Nuclear Physics A, 1991, 525, 339-343.	1.5	7
716	Kaon versus pion interferometry signatures of quark-gluon plasma formation. Physical Review C, 1990, 41, R21-R23.	2.9	29
717	Pion interferometric tests of transport models. Nuclear Physics B, 1990, 329, 357-375.	2.5	46
718	Analytic approximations for inside-outside interferometry. Nuclear Physics B, 1990, 339, 378-392.	2.5	24
719	Implications of pion interferometry for O+Au at 200 A GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 217, 181-185.	4.1	58
720	Pion interferometry of O + Au at 200 A GeV. Nuclear Physics A, 1989, 498, 555-559.	1.5	19

#	ARTICLE	IF	CITATIONS
721	Bose-Einstein correlation of particles produced by expanding sources. Physical Review D, 1988, 37, 3237-3245.	4.7	48