Ferhat Ozok

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2217648/publications.pdf

Version: 2024-02-01

493 papers	15,061 citations	26610 56 h-index	46771 89 g-index
502 all docs	502 docs citations	502 times ranked	9043 citing authors

#	Article	IF	Citations
1	Observation of nuclear modifications in WÂ± boson production in pPb collisions at sNN=8.16TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135048.	1.5	18
2	Search for light pseudoscalar boson pairs produced from decays of the 125 GeV Higgs boson in final states with two muons and two nearby tracks in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elemen	1.5	28
3	Measurement of the single top quark and antiquark production cross sections in the t channel and their ratio in proton-proton collisions at s=13TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 803, 135342.	1.5	12
4	Measurements of production cross sections of WZ and same-sign WW boson pairs in association with two jets in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elemen	1.5	37
5	Measurement of the nuclear modification factor for inclusive jet production in proton-lead collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msqrt><mml:msub><mml:mi>s</mml:mi><mml:mrow><mml:mi>NN</mml:mi></mml:mrow></mml:msub></mml:msqrt></mml:math> = 5.02 TeV. Physical Review C, 2020, 101, .	1.1	10
6	The production of isolated photons in PbPb and pp collisions at $$ sqrt{s_{mathrm{NN}}} $$ = 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
7	Measurement of CKM matrix elements in single top quark t-channel production in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mtext>ÂTeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 808, 135609.	1.5	8
8	Bose-Einstein correlations of charged hadrons in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
9	Experimental study of different silicon sensor options for the upgrade of the CMS Outer Tracker. Journal of Instrumentation, 2020, 15, P04017-P04017.	0.5	5
10	Search for electroweak production of a vector-like T quark using fully hadronic final states. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
11	Search for a heavy pseudoscalar Higgs boson decaying into a 125 GeV Higgs boson and a Z boson in final states with two tau and two light leptons at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
12	Measurement of properties of $$ {mathrm{B}}_{mathrm{s}}^0 $$â†' Î¼+Î¼â^' decays and search for B0â†' Î¼+Î¼â^' with the CMS experiment. Journal of High Energy Physics, 2020, 2020, 1.	1.6	41
13	Search for a light pseudoscalar Higgs boson in the boosted Î¼Î¼ï„ï„ final state in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	23
14	Measurements of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>t</mml:mi><mml:mover accent="true"><mml:mrow><mml:mi>t</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="false">Â¯</mml:mo></mml:mrow></mml:mover><mml:mi>H</mml:mi></mml:mrow></mml:math> Production and the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math> Structure of the Yukawa Intera	2.9	38
15	Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at â^šs = 13 TeV. Journal of Instrumentation, 2020, 15, P02027-P02027.	0.5	27
16	Measurement of quark- and gluon-like jet fractions using jet charge in PbPb and pp collisions at 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	10
17	Measurement of the cross section for $$ mathrm{t}overline{mathrm{t}} $$ production with additional jets and b jets in pp collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	5
18	Search for charged Higgs bosons decaying into a top and a bottom quark in the all-jet final state of pp collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	41

#	Article	IF	Citations
19	Measurement of the Υ(1S) pair production cross section and search for resonances decaying to Υ(1S)Î¼+Î¼â^' in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 808, 135578.	1.5	27
20	Search for heavy Higgs bosons decaying to a top quark pair in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	37
21	Calibration of the CMS hadron calorimeters using proton-proton collision data at âˆšs = 13 TeV. Journal of Instrumentation, 2020, 15, P05002-P05002.	0.5	3
22	Search for supersymmetry in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>137</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:msup> Quarks in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:mrow></mml:math> Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><m Physical Review Letters, 2020, 124, 202001.	1.6	11
23	Measurement of the associated production of a Z boson with charm or bottom quark jets in proton-proton collisions at s=13â€‰â€‰TeV. Physical Review D, 2020, 102, .	2.9	13
24	Study of central exclusive "Equation missing" <!-- No EquationSource Format="TEX", only image --> production in proton-proton collisions at $$sqrt{s} = 5.02$$ and 13TeV. European Physical Journal C, 2020, 80, 718.	1.4	7
25	Search for physics beyond the standard model in events with jets and two same-sign or at least three charged leptons in proton-proton collisions at $$sqrt{s}=13,{ext {TeV}} $$. European Physical Journal C, 2020, 80, 752.	1.4	23
26	Jet Quenching and Diffusion inside Jets Using Pb-Pb and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:mrow></mml:math> Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><m Physical Review Letters, 2020, 125, 102001.	2.9	9
27	Search for physics beyond the standard model in multilepton final states in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	25
28	Search for decays of the 125 GeV Higgs boson into a Z boson and a Ï•or Ï• meson. Journal of High Energy Physics, 2020, 2020, 1.	1.6	6
29	Measurements of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>W</mml:mi></mml:math> boson rapidity, helicity, double-differential cross sections, and charge asymmetry in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math> collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtex.	1.6	13
30	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>t</mml:mi><mml:mo stretchy="false">Â¯</mml:mo><mml:mover accent="true"><mml:mi>t</mml:mi><mml:mo stretchy="false">Â¯</mml:mo></mml:mover></mml:math> kinematic distributions in the dilepton final state in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰	1.6	10
31	Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment. Journal of High Energy Physics, 2020, 2020, 1.	1.6	21
32	Search for high mass dijet resonances with a new background prediction method in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	66
33	Identification of heavy, energetic, hadronically decaying particles using machine-learning techniques. Journal of Instrumentation, 2020, 15, P06005-P06005.	0.5	56
34	Measurements with silicon photomultipliers of dose-rate effects in the radiation damage of plastic scintillator tiles in the CMS hadron endcap calorimeter. Journal of Instrumentation, 2020, 15, P06009-P06009.	0.5	5
35	Combination of the W boson polarization measurements in top quark decays using ATLAS and CMS data at $$ sqrt{s} $$ = 8 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	9

#	Article	IF	Citations
37	Search for resonant pair production of Higgs bosons in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>b</mml:mi><mml:mi>b</mml:mi><mml:mi>Z</mml:mi><mml:mi>Z</mml:mi></mml:math> channel in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰</	1.6	10
38	Measurement of top quark pair production in association with a Z boson in proton-proton collisions at $$ sqrt{mathrm{s}} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	20
39	Running of the top quark mass from proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace	1.5	18
40	Search for dijet resonances using events with three jets in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135448.	1.5	6
41	Search for an excited lepton that decays via a contact interaction to a lepton and two jets in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
42	Search for disappearing tracks in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135502.	1.5	40
43	Search for new neutral Higgs bosons through the $$ mathrm{H}o mathrm{ZA}o {ell}^{+}{ell}^{-}mathrm{b}overline{mathrm{b}} $$ process in pp collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	27
44	Search for direct pair production of supersymmetric partners to the $${uptau }_{}^{}$$ lepton in protonâ€“proton collisions at $$sqrt{s}=13,ext {TeV} $$. European Physical Journal C, 2020, 80, 189.	1.4	22
45	Multiparticle correlation studies in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi><mml:mtext>Pb</mml:mtext></mml:math> collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msqrt><mml:msub><mml:mi>s</mml:mi><mml:mrow><mml:m TeV. Physical Review C, 2020, 101, .	1.1	9
46	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in $$mathrm {PbPb}$$ collisions at $$sqrt{smash [b]{s_{_{mathrm {NN}}}}} = 2.76$$ and 5.02$$,ext {TeV}$$. European Physical Journal C, 2020, 80, 534.	1.4	14
47	Measurement of the cross section for electroweak production of a Z boson, a photon and two jets in proton-proton collisions at $$ sqrt{mathrm{s}} $$ = 13 TeV and constraints on anomalous quartic couplings. Journal of High Energy Physics, 2020, 2020, 1.	1.6	20
48	Determination of the strong coupling constant Î±S(mZ) from measurements of inclusive WÂ± and Z boson production cross sections in proton-proton collisions at $$ sqrt{mathrm{s}} $$ = 7 and 8 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	6
49	Measurement of the top quark forward-backward production asymmetry and the anomalous chromoelectric and chromomagnetic moments in pp collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	7
50	Measurement of electroweak production of a $$mathrm{W} $$ boson in association with two jets in protonâ€“proton collisions at $$sqrt{s}=13,ext {Te}ext {V} $$. European Physical Journal C, 2020, 80, 43.	1.4	11
51	Search for top squark pair production in a final state with two tau leptons in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	1
52	Search for Supersymmetry with a Compressed Mass Spectrum in Events with a Soft <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">Ï„<mml:mi></mml:math> Lepton, a Highly Energetic Jet, and Large Missing Transverse Momentum in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm Physical Review Letters, 2020, 124, 041803.	2.9	6
53	Evidence for $$ext {W}ext {W}$$ production from double-parton interactions in protonâ€“proton collisions at $$sqrt{s} = 13 ,ext {TeV} $$. European Physical Journal C, 2020, 80, 1.	1.4	10
54	Search for production of four top quarks in final states with same-sign or multiple leptons in protonâ€“proton collisions at $$sqrt{s}=13$$ $$,ext {TeV}$$. European Physical Journal C, 2020, 80, 75.	1.4	78

#	Article	IF	Citations
55	Searches for physics beyond the standard model with the $$M_{mathrm {T2}}$$ variable in hadronic final states with and without disappearing tracks in protonâ€“proton collisions at $$sqrt{s}=13,ext {Te}ext {V} $$. European Physical Journal C, 2020, 80, 3.	1.4	70
56	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. European Physical Journal C, 2020, 80, 4.	1.4	198
57	Constraints on the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ï‡</mml:mi><mml:mrow><mml:mi>c</mml:mi><mml:mn>1</mml:mn></mml:mrow></mml:msub> versus <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ï‡</mml:mi><mml:mrow><mml:mi>c</mml:mi><mml:mn>2</mml:mn></mml:mrow></mml:msub> Polarizations in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline. Physical Review Letters, 2020, 124,	2.9	12
58	Search for lepton flavour violating decays of a neutral heavy Higgs boson to Î¼Ï„ and eÏ„ in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	15
59	A search for the standard model Higgs boson decaying to charm quarks. Journal of High Energy Physics, 2020, 2020, 1.	1.6	20
60	Study of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mtext>J</mml:mtext><mml:mo stretchy="false">/</mml:mo><mml:mspace width="-0.05em" /><mml:mi mathvariant="normal">Ï‹</mml:mi></mml:math> meson production inside jets in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>8</mml:mn><mml:mspace width=	1.5	6
61	Search for a Narrow Resonance Lighter than 200AGeV Decaying to a Pair of Muons in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mo><m Physical Review Letters, 2020, 124, 131802.	2.9	61
62	Search for a heavy Higgs boson decaying to a pair of W bosons in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	25
63	Study of excited Î›b0 states decaying to Î›b0Ï€+Ï€âˆ’ in proton-proton collisions at s=13TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 803, 135345.	1.5	24
64	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.	1.5	63
65	Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $$ sqrt{mathrm{s}} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
66	A multi-dimensional search for new heavy resonances decaying to boosted $$ext{ W }{}{}$$ $$ext{ W }{}{}$$, $$ext{ W }{}{}$$ $$ext{ Z }{}{}$$, or $$ext{ Z }{}{}$$ $$ext{ Z }{}{}$$ boson pairs in the dijet final state at 13Â$$ext {Te}ext {v}$$. European Physical Journal C, 2020, 80, 237.	1.4	31
67	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msubsup><mml:mrow><mml:mi mathvariant="normal">Î›</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">c</mml:mi></mml:mrow><mml:mrow><mml:mo linebreak="badbreak" linebreakstyle="after">+</mml:mo></mml:mrow></mml:msubsup></mml:math> baryons in proton-proton and lead-lead collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/Math	1.5	28
68	Measurement of the top quark pair production cross section in dilepton final states containing one Ï„ lepton in pp collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
69	Combined search for supersymmetry with photons in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="badbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.1667em" /><mml:mi mathvariant="normal">T</mml:mi><mml:mi mathvariant="normal">e</mml:mi><mml:mi mathvariant="normal">V</mml:mi></mml:math> Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mi mathvariant="normal">t</mml:mi><mml:mover accent="true"><mml:mrow><mml:mi mathvariant="normal">t</mml:mi></mml:mrow><mml:mo>â€¾</mml:mo></mml:mover><mml:mi mathvariant="normal">b</mml:mi><mml:mover accent="true"><mml:mrow><mml:mi mathvariant="normal">b</mml:mi></mml:mrow><mml:mo>â€¾</mml:mo></mml:mover></mml:math> produ Physics, 2020, 801, 135183.	1.5	0
70		1.5	16
71	Probing dark matter via effective field theory approach. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050028.	0.8	2
72	Search for a charged Higgs boson decaying into top and bottom quarks in events with electrons or muons in proton-proton collisions at $$ sqrt{mathrm{s}} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	26

#	Article	IF	Citations
73	Observation of the Î›b0â†'J/Ï'Î›Ï• decay in proton-proton collisions at s=13TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135203.	1.5	6
74	Measurement of differential cross sections and charge ratios for t-channel single top quark production in protonâ€"proton collisions at $$sqrt{s}=13$$ $$,ext {Te}ext {V}$$. European Physical Journal C, 2020, 80, 370.	1.4	22
75	Search for heavy neutrinos and third-generation leptoquarks in hadronic states of two Ï„ leptons and two jets in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	33
76	Search for a Wâ€² boson decaying to a vector-like quark and a top or bottom quark in the all-jets final state. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
77	Search for top quark partners with charge 5/3 in the same-sign dilepton and single-lepton final states in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
78	Inclusive search for supersymmetry in pp collisions at $$ sqrt{s}=13 $$ TeV using razor variables and boosted object identification in zero and one lepton final states. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
79	Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	17
80	Search for excited leptons in â„"â„"Î³ final states in proton-proton collisions at $$ sqrt{mathrm{s}}=13 $$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
81	Search for new particles decaying to a jet and an emerging jet. Journal of High Energy Physics, 2019, 2019, 1.	1.6	24
82	Centrality and pseudorapidity dependence of the transverse energy density in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi><mml:mi>Pb</mml:mi></mml:math>collisions at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msqrt><mml:msub><mml:mi>s</mml:mi><mml:mrow><mml	1.1	6
83	Search for Production<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>W</mml:mi><mml:mo>Â±</mml:mo></mml:msup><mml:msup><mml:mi>W</mml:mi><mm events at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰	1.6	10
84	Search for associated production of a Higgs boson and a single top quark in proton-proton collisions at s=13â€‰â€‰TeV. Physical Review D, 2019, 99, .	1.6	20
85	Search for a heavy resonance decaying to a top quark and a vector-like top quark in the lepton + jets final state in pp collisions at $$sqrt{s} = 13,ext {TeV} $$ s = 13 TeV. European Physical Journal C, 2019, 79, 1.	1.4	9
86	Search for pair production of second-generation leptoquarks at s=13â€‰â€‰TeV. Physical Review D, 2019, 99, .	1.6	32
87	Search for pair production of first-generation scalar leptoquarks at s=13â€‰â€‰TeV. Physical Review D, 2019, 99, .	1.6	31
88	Measurement of exclusive $${{{uprho _{}^{}} _{}^{}}{{left({770}ight) }{}_{}^{}}}^{0}$$Âphotoproduction in ultraperipheral pPb collisions at $$sqrt{smash [b]{s_{_{mathrm {NN}}}}} = 5.02,ext {Te}ext {V} $$. European Physical Journal C, 2019, 79, 702.	1.4	33
89	Search for dark matter in events with a leptoquark and missing transverse momentum in proton-proton collisions at 13 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 76-99.	1.5	6
90	Measurement of exclusive $$mathrm {Upsilon }$$ photoproduction from protons in $$mathrm {p}$$Pb collisions at $$sqrt{smash [b]{s_{_{mathrm {NN}}}}} = 5.02,ext {TeV} $$. European Physical Journal C, 2019, 79, 277.	1.4	35

#	Article	IF	Citations
91	Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at $$sqrt{s}=13,ext {Te}ext {V} $$. European Physical Journal C, 2019, 79, 564.	1.4	50
92	Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state with two muons and two b quarks in pp collisions at 13 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 398-423.	1.5	41
93	Search for supersymmetry in final states with photons and missing transverse momentum in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	8
94	Measurement of the top quark mass in the all-jets final state at $$sqrt{s}=13,ext {TeV} $$ s = 13 TeV and combination with the lepton+jets channel. European Physical Journal C, 2019, 79, 313.	1.4	40
95	Search for long-lived particles using nonprompt jets and missing transverse momentum with proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134876.	1.5	26
96	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.	1.5	17
97	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.	1.5	36
98	Search for MSSM Higgs bosons decaying to Î¼+Î¼âˆ' in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134992.	1.5	19
99	An embedding technique to determine Ï„Ï„ backgrounds in proton-proton collision data. Journal of Instrumentation, 2019, 14, P06032-P06032.	0.5	12
100	Performance of missing transverse momentum reconstruction in proton-proton collisions at âˆšs = 13 TeV using the CMS detector. Journal of Instrumentation, 2019, 14, P07004-P07004.	0.5	83
101	Measurement of the top quark Yukawa coupling from ttÂ¯ kinematic distributions in the lepton+jets final state in proton-proton collisions at s=13â€‰â€‰TeV. Physical Review D, 2019, 100, .	1.6	6
102	Charged-particle angular correlations in XeXe collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msqrt><mml:msub><mml:mi>s</mml:mi> TeV. Physical Review C, 2019, 100, .	1.1	32
103	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in $${ext {p}} {ext {p}} $$ collisions at $$sqrt{s}=13,ext {Te}ext {V} $$. European Physical Journal C, 2019, 79, 773.	1.4	8
104	Search for a Light Charged Higgs Boson Decaying to a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>W</mml:mi></mml:math> Boson and a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math> -Odd Higgs Boson in Final States with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>e	2.9	21
105	Suppression of Υ(1S) Mesons in Pb-Pb Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:msub><mml:mi>s</mml:mi> Physical Review Letters, 2019, 123, 022001.	2.9	17
106	Search for charged Higgs bosons in the HÂ± â†' Ï„Â±Î½Ï„ decay channel in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	54
107	Search for resonant production of second-generation sleptons with same-sign dimuon events in protonâ€"proton collisions at $$sqrt{s} = 13,ext {TeV} $$ s = 13 TeV. European Physical Journal C, 2019, 79, 305.	1.4	4
108	Evidence for light-by-light scattering and searches for axion-like particles in ultraperipheral PbPb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg">><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>5.02</mml:mn><mml:mspace width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Eleme	1.5	87

#	Article	IF	Citations
109	Measurement of electroweak WZ boson production and search for new physics in WZ + two jets events in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 381-307.	1.5	36
110	Search for Higgs and Z boson decays to J/Î^ or Y pairs in the four-muon final state in proton-proton collisions at s=13TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134811.	1.5	12
111	Evidence for light-by-light scattering in ultraperipheral PbPb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>5.02</m width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math>. Nuclear Physics A, 2019, 982, 791-794.	0.6	8
112	Search for the chiral magnetic effect at the LHC with the CMS experiment. Nuclear Physics A, 2019, 982, 527-530.	0.6	3
113	Fragmentation of J/Î^ in jets in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>5.0 width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math>. Nuclear Physics A, 2019, 982, 186-188.	0.6	2
114	Multiparticle correlations and higher order harmonics in pPb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>8.16</m width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math>. Nuclear Physics A, 2019, 982, 375-378.	0.6	0
115	Measurement of anisotropic flow in XeXe collisions at 5.44 TeV with the CMS experiment. Nuclear Physics A, 2019, 982, 395-398.	0.6	0
116	Beyond nPDFs effects: Prompt J/Î^ and Ï^(2S) production in pPb and pp collisions. Nuclear Physics A, 2019, 982, 743-746.	0.6	0
117	A search for pair production of new light bosons decaying into muons in proton-proton collisions at 13 â€ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 131-154.	1.5	27
118	Measurement of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msubsup><mml:mrow><mml:mtext>B</mml:mtext></mml:mrow><mml:mrow><mml:mi>s</mml:mi></mml:mr meson production in pp and PbPb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.svg"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mtext>NN Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 168-190.	1.5	14
119	Search for supersymmetry with a compressed mass spectrum in the vector boson fusion topology with 1-lepton and 0-lepton final states in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
120	D0-Meson R in PbPb Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi>N width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math> and Elliptic Flow in pPb Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflo. Nuclear Physics A, 2019, 982, 687-690.	0.6	1
121	Search for Dark Matter Particles Produced in Association with a Top Quark Pair at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm Physical Review Letters, 2019, 122, 011803.	2.9	12
122	Search for the Higgs Boson Decaying to Two Muons in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰</ Physical Review Letters, 2019, 122, 021801.	2.9	37
123	Search for supersymmetric partners of electrons and muons in protonâ€“proton collisions at s=13TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 140-166.	1.5	47
124	CMS Collaboration. Nuclear Physics A, 2019, 982, 1010-1035.	0.6	0
125	Non-Gaussian elliptic-flow fluctuations in PbPb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 413-435.	1.5	32
126	Measurement and interpretation of differential cross sections for Higgs boson production at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13 width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 369-396.	1.5	28

#	Article	IF	Citations
127	Search for an Lâ€¯â^'â€¯L gauge boson using Zâ€¯â†'â€¯4Î¼ events in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 345-368.	1.5	49
128	Search for a low-mass Ï„â^'Ï„+ resonance in association with a bottom quark in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	9
129	Search for the associated production of the Higgs boson and a vector boson in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV via Higgs boson decays to Ï„ leptons. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
130	Search for the pair production of light top squarks in the eÂ±Î¼â^“ final state in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
131	Measurement of associated production of a $$mathrm {W}$$ W boson and a charm quark in protonâ€“proton collisions at $$sqrt{s} = 13,ext {Te}ext {V} $$ s. European Physical Journal C, 2019, 79, 269.	1.4	35
132	Combinations of single-top-quark production cross-section measurements and |fLVVtb| determinations at $$ sqrt{s} $$ = 7 and 8 TeV with the ATLAS and CMS experiments. Journal of High Energy Physics, 2019, 2019, 1.	1.6	9
133	Observation of prompt J/Î^ meson elliptic flow in high-multiplicity pPb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mtext TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 791, 172-194.	1.5	21
134	Combined measurements of Higgs boson couplings in protonâ€“proton collisions at $$sqrt{s}=13,ext {Te}ext {V} $$. European Physical Journal C, 2019, 79, 421.	1.4	355
135	Search for supersymmetry in events with a photon, jets, $$mathrm {b}$$-jets, and missing transverse momentum in protonâ€“proton collisions at 13$$,ext {Te}ext {V}$$. European Physical Journal C, 2019, 79, 444.	1.4	11
136	Measurements of the Higgs boson width and anomalous <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>H</mml:mi><mml:mi>V</mml:mi><mml:mi>V</mml:mi></mml:mrow></mml:math> couplings from on-shell and off-shell production in the four-lepton final state. Physical Review D, 2019, 99, .	1.6	69
137	Measurements of the pp â†' 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.	1.6	14
138	Measurements of properties of the Higgs boson decaying to a W boson pair in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</m width="0.25em" /><mml:mtext>Te</mml:mtext><mml:mspace width="-0.08em" /><mml:mtext>V</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 791, 96-129.	1.5	44
139	Search for a Wâ€² boson decaying to a Ï„ lepton and a neutrino in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13 width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 107-131.	1.5	28
140	Measurement of the $${mathrm {t}overline{mathrm {t}}}$$ t t Â¯ production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at. European Physical Journal C, 2019, 79, 368.	1.4	68
141	Measurement of the energy density as a function of pseudorapidity in protonâ€“proton collisions at $$sqrt{s} =13,ext {TeV} $$. European Physical Journal C, 2019, 79, 1.	1.4	12
142	Measurement of inclusive very forward jet cross sections in proton-lead collisions at $$ sqrt{s_{mathrm{NN}}} $$ = 5.02 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	8
143	Search for nonresonant Higgs boson pair production in the $$ mathrm{b}overline{mathrm{b}}mathrm{b}overline{mathrm{b}} $$ final state at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
144	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in protonâ€“proton collisions at $$sqrt{s}=13,ext {Te}ext {V} $$ s = 13 Te. European Physical Journal C, 2019, 79, 280.	1.4	29

#	Article	IF	Citations
145	Search for contact interactions and large extra dimensions in the dilepton mass spectra from proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
146	Search for a standard model-like Higgs boson in the mass range between 70 and 110 GeV in the diphoton final state in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>8</mm and 13 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 320-347.	1.5	53
147	Search for vector-like quarks in events with two oppositely charged leptons and jets in protonâ€"proton collisions at $$sqrt{s} = 13,ext {Te}ext {V} $$ s = 13 Te. European Physical Journal C, 2019, 79, 364.	1.4	48
148	Search for invisible decays of a Higgs boson produced through vector boson fusion in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll">><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</m width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 520-551.	1.5	146
149	Combination of Searches for Higgs Boson Pair Production in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm Physical Review Letters, 2019, 122, 081802.	2.9	102
150	Jet Shapes of Isolated Photon-Tagged Jets in Pb-Pb and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math> Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:msub><mml:mi>s</mml:mi><mml:mrow><mml:mi>N</mml:mi><mml:mi>N</mml:mi></mml:mrow Physical Review Letters, 2019, 122, 152001.	2.9	24
151	Search for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>W</mml:mi></mml:math> Boson Decays to Three Charged Pions. Physical Review Letters, 2019, 122, 151802.	2.9	4
152	Measurement of prompt Î(2S) production cross sections in protonâ€"lead and protonâ€"proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll">><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>5.02</m width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 509-532.	1.5	15
153	Search for single production of vector-like quarks decaying to a top quark and a $$mathrm {W} $$ W boson in protonâ€"proton collisions at $$sqrt{s} = 13 ,ext {TeV} $$ s = 13 TeV. European Physical Journal C, 2019, 79, 90.	1.4	34
154	Study of the underlying event in top quark pair production in $$mathrm {p}mathrm {p}$$ p p collisions at 13 $$~ext {Te}ext {V}$$ Te. European Physical Journal C, 2019, 79, 123.	1.4	11
155	Search for rare decays of $$mathrm {Z}$$ Z and Higgs bosons to $${mathrm {J}/psi } $$ J / Ï^ and a photon in proton-proton collisions at $$sqrt{s}$$ s = 13 $$,ext {TeV}$$ TeV. European Physical Journal C, 2019, 79, 94.	1.4	20
156	Search for new physics in final states with a single photon and missing transverse momentum in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	15
157	Search for long-lived particles decaying into displaced jets in proton-proton collisions at s=13â€‰â€‰TeV. Physical Review D, 2019, 99, .	1.6	28
158	Measurements of $$ mathrm{t}overline{mathrm{t}} $$ differential cross sections in proton-proton collisions at $$ sqrt{mathrm{s}}=13 $$ TeV using events containing two leptons. Journal of High Energy Physics, 2019, 2019, 1.	1.6	28
159	Search for $$ mathrm{t}overline{mathrm{t}}mathrm{H} $$ production in the $$ mathrm{H}o mathrm{b}overline{mathrm{b}} $$ decay channel with leptonic $$ mathrm{t}overline{mathrm{t}} $$ decays in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	28
160	Search for Narrow HÎ³ Resonances in Proton-Proton Collisions at s=13â€‰â€‰TeV. Physical Review Letters, 2019, 122, 081804.	2.9	3
161	Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in proton-proton collisions at $$ sqrt{s} = 13 $$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
162	Measurement of inclusive and differential Higgs boson production cross sections in the diphoton decay channel in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14

#	Article	IF	Citations
163	Search for resonant $$ mathrm{t}overline{mathrm{t}} $$ production in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	23
164	Observation of Single Top Quark Production in Association with a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi></mml:math> Boson in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm Physical Review Letters, 2019, 122, 132003.	2.9	30
165	display="inline"><mml:msubsup><mml:mi>B</mml:mi><mml:mi>c</mml:mi><mml:mo>+</mml:mo></mml:msubsup></mml:math> States and Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msubsup><mml:mi>B</mml:mi><mml:mi>c</mml:mi><mml:mo>+</mml:mo></mml:msubsup><mm stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:mi>S</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 6	2.9	62
166	Search for production of Higgs boson pairs in the four b quark final state using large-area jets in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
167	Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
168	Search for heavy Majorana neutrinos in same-sign dilepton channels in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	40
169	Measurement of nuclear modification factors of Î (1S), Î (2S), and Î (3S) mesons in PbPb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 270-293.	1.5	77
170	Measurement of differential cross sections for inclusive isolated-photon and photon+jet production in proton-proton collisions at $$sqrt{s} = 13,ext {TeV} $$ s = 13 TeV. European Physical Journal C, 2019, 79, 20.	1.4	18
171	Search for low-mass resonances decaying into bottom quark-antiquark pairs in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰ Physical Review D, 2019, 99, .	1.6	16
172	Search for pair-produced three-jet resonances in proton-proton collisions at s=13â€‰â€‰TeV. Physical Review D, 2019, 99, .	1.6	5
173	Search for resonances decaying to a pair of Higgs bosons in the b$$ overline{mathrm{b}} $$q$$ overline{mathrm{q}} $$â€™â„“ï½ final state in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
174	Measurements of triple-differential cross sections for inclusive isolated-photon+jet events in $$mathrm{p}mathrm{p}$$ collisions at $$sqrt{s} = 8,ext {TeV} $$. European Physical Journal C, 2019, 79, 969.	1.4	6
175	Pseudorapidity distributions of charged hadrons in xenon-xenon collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak"	1.5	9
176	Search for vectorlike leptons in multilepton final states in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰ Physical Review D, 2019, 100, .	1.6	34
177	Search for pair production of vectorlike quarks in the fully hadronic final state. Physical Review D, 2019, 100, .	1.6	35
178	Measurement of the top quark polarization and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>t</mml:mi><mml:mover accent="true"><mml:mrow><mml:mi>t</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="false">Â¯</mml:mo></mml:mrow></mml:mover></mml:mrow></mml:math> spin correlations	1.6	33
179	Constraints on anomalous <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>H</mml:mi><mml:mi>V</mml:mi><mml:mi>V</mml:mi></mml:math> couplings from the production of Higgs bosons decaying to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï„</mml:mi></mml:math> leptons in Physical Review D, 2019, 100, .	1.6	21
180	Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰ Physical Review D, 2019, 100, .	1.6	20

#	Article	IF	Citations
181	Probing the chiral magnetic wave in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>p</mml:mi><mml:mi>Pb</mml:mi></mml:mrow></mml:m and PbPb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msqrt><mml:msub><mml:mi>s</mml:mi><mml:mi>NN</m width="0.16em" /><mml:mi>TeV</mml:mi></mml:mrow></mml:math> using charge-dependent azimuthal anisotropies. Physical Review C, 2019, 100, .	1.1	8
182	Measurement of the differential Drell-Yan cross section in proton-proton collisions at $$ sqrt{mathrm{s}} $$ = 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	18
183	Search for the production of four top quarks in the single-lepton and opposite-sign dilepton final states in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
184	Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at $$sqrt{s}=13,ext {TeV} $$. European Physical Journal C, 2019, 79, 893.	1.4	12
185	Search for supersymmetry in proton-proton collisions at 13 TeV in final states with jets and missing transverse momentum. Journal of High Energy Physics, 2019, 2019, 1.	1.6	54
186	Search for Physics beyond the Standard Model in Events with Overlapping Photons and Jets. Physical Review Letters, 2019, 123, 241801.	2.9	1
187	Search for new physics in top quark production in dilepton final states in proton-proton collisions at $$sqrt{s} = 13,ext {TeV} $$. European Physical Journal C, 2019, 79, 886.	1.4	16
188	Search for long-lived particles using delayed photons in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm Physical Review D, 2019, 100, .	1.6	14
189	Search for Low-Mass Quark-Antiquark Resonances Produced in Association with a Photon at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><m Physical Review Letters, 2019, 123, 231803.	2.9	23
190	Search for Higgs boson pair production in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>Î³</mml:mi><mml:mi>Î³</mml:mi><mml:mi mathvariant="normal">b</mml:mi><mml:mover accent="true"><mml:mrow><mml:mi mathvariant="normal">b</mml:mi></mml:mrow><mml:mo>â€¾</mml:mo></mml:mover></mml:math> final	1.5	40
191	Measurement of the differential cross sections for Z boson pair production in association with jets at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>8</m and 13 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 19-44.	1.6	10
192	Search for dark photons in decays of Higgs bosons produced in association with Z bosons in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
193	Search for supersymmetry using Higgs boson to diphoton decays at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	4
194	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.	1.6	28
195	Search for anomalous triple gauge couplings in WW and WZ production in lepton + jet events in proton-proton collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	15
196	Study of the $$ {mathrm{B}}^{+}o mathrm{J}/uppsi overline{Lambda}mathrm{p} $$ decay in proton-proton collisions at $$ sqrt{s} $$ = 8 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
197	Brightness and uniformity measurements of plastic scintillator tiles at the CERN H2 test beam. Journal of Instrumentation, 2018, 13, P01002-P01002.	0.5	1
198	Inclusive Search for a Highly Boosted Higgs Boson Decaying to a Bottom Quark-Antiquark Pair. Physical Review Letters, 2018, 120, 071802.	2.9	40

#	Article	IF	Citations
199	Observation of Electroweak Production of Same-Sign <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>W</mml:mi></mml:math> Boson Pairs in the Two Jet and Two Same-Sign Lepton Final State in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm	2.9	86
200	Observation of Correlated Azimuthal Anisotropy Fourier Harmonics in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi><mml:mo>+</mml:mo><mml:mi>Pb</mml:mi></mml:mrow></mml:math> Collisions at the LHC. Physical Review Letters, 2018, 120, 092301.	2.9	39
201	Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at $$sqrt{s}=7$$ $$,ext {TeV}$$. European Physical Journal C, 2018, 78, 242.	1.4	10
202	Measurement of the Splitting Function in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math> and Pb-Pb Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><m Physical Review Letters, 2018, 120, 142302.	2.9	70
203	Measurement of quarkonium production cross sections in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</m width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 251-272.	1.5	34
204	Pseudorapidity distributions of charged hadrons in proton-lead collisions at s N N = 5.02 $$ sqrt{s_{mathrm{NN}}}=5.02 $$ and 8.16 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
205	Observation of the Higgs boson decay to a pair of Ï„ leptons with the CMS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 283-316.	1.5	125
206	Suppression of Excited <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="normal">Ï’</mml:mi></mml:math> States Relative to the Ground State in Pb-Pb Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt></m Physical Review Letters, 2018, 120, 142301.	2.9	38
207	Search for resonant and nonresonant Higgs boson pair production in the b b Â¯ â„“Î½â„“Î½ $$ mathrm{b}overline{mathrm{b}}mathit{ell u ell u } $$ final state in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
208	Search for heavy resonances decaying to a top quark and a bottom quark in the lepton+jets final state in protonâ€“proton collisions at 13â€‰TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 67-89.	1.6	36
209	Measurements of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi mathvariant="normal">t</mml:mi><mml:mover accent="true"><mml:mrow><mml:mi mathvariant="normal">t</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="false">Â¯</mml:mo></mml:mrow></mml:mover></mml:math> cross sections in association with b jets and inclusive jets and their ratio using dilepton final states in pp collisions at <mml:math	1.5	16
210	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in protonâ€“proton collisions at $$sqrt{s} $$ s = 13 $$,ext {TeV}$$ TeV. European Physical Journal C, 2018, 78, 291.	1.5	16
211	Measurements of the $$mathrm {p}mathrm {p}ightarrow mathrm{Z}mathrm{Z}$$ p p â†’ Z Z production cross section and the $$mathrm{Z}ightarrow 4ell $$ Z â†’ 4 â„“ branching fraction, and constraints on anomalous triple gauge couplings at. European Physical Journal C, 2018, 78, 165.	1.4	27
212	Measurement of associated Z + charm production in protonâ€“proton collisions at $$sqrt{s} = 8$$ s = 8 $$,ext {TeV}$$ TeV. European Physical Journal C, 2018, 78, 287.	1.4	52
213	Measurement of the inclusive $$ mathrm{t}overline{mathrm{t}} $$ cross section in pp collisions at $$ sqrt{s}=5.02 $$ TeV using final states with at least one charged lepton. Journal of High Energy Physics, 2018, 2018, 1.	1.4	16
214	Search for natural supersymmetry in events with top quark pairs and photons in pp collisions at $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
215	Search for supersymmetry in events with at least three electrons or muons, jets, and missing transverse momentum in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	0
216		1.6	6

#	Article	IF	Citations
217	Combined search for electroweak production of charginos and neutralinos in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	57
218	Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	63
219	Measurement of differential cross sections in the kinematic angular variable Ï•* for inclusive Z boson production in pp collisions at $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
220	Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at $$ sqrt{s_{mathrm{NN}}}=5.02 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
221	Measurement of normalized differential $$ mathrm{t}overline{mathrm{t}} $$ cross sections in the dilepton channel from pp collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	18
222	Constraints on the double-parton scattering cross section from same-sign W boson pair production in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
223	Search for ZZ resonances in the 2â„“2Î½ final state in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
224	Search for massive resonances decaying into <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>W</mml:mi><mml:mi>W</mml:mi></mml:math> , <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>W</mml:mi><mml:mi>Z</mml:mi></mml:math> , <mml:math display="inline"><mml:mi>Z</mml:mi><mml:mi>Z</mml:mi></mml:math> , <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mrow><mml:mi mathvariant="normal">h</mml:mi></mml:mrow><mml:mrow><mml:mi>b</mml:mi></mml:mrow><mml:mrow><mml:mi>	1.6	27
225	polarization and angular parameters in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	1.6	15
226	Search for gauge-mediated supersymmetry in events with at least one photon and missing transverse momentum in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</m width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 118-143.	1.5	11
227	Simulation of secondary emission calorimeter for future colliders. Journal of Instrumentation, 2018, 13, C03022-C03022.	0.5	0
228	Azimuthal anisotropy of charged particles with transverse momentum up to 100ÂGeV/c in PbPb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>5.02</m Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 195-216.	1.5	48
229	Search for $$ mathrm{t}overline{mathrm{t}}mathrm{H} $$ production in the all-jet final state in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
230	Search for resonances in the mass spectrum of muon pairs produced in association with b quark jets in proton-proton collisions at $$ sqrt{s}=8 $$ and 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	9
231	Measurement of the groomed jet mass in PbPb and pp collisions at $$ sqrt{s_{mathrm{NN}}}=5.02 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
232	Search for pair-produced resonances decaying to quark pairs in proton-proton collisions at s=13â€‰â€‰TeV. Physical Review D, 2018, 98, .	1.6	16
233	Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos and b quarks at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
234	Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	19

#	Article	IF	Citations
235	Search for natural and split supersymmetry in proton-proton collisions at $$ sqrt{s}=13 $$ TeV in final states with jets and missing transverse momentum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	43
236	Pseudorapidity and transverse momentum dependence of flow harmonics in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi><mml:mi mathvariant="normal">Pb</mml:mi></mml:math> and PbPb collisions. Physical Review C, 2018, 98, .	1.1	8
237	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.	1.6	12
238	Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state of two muons and two Ï„ leptons in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
239	Search for a charged Higgs boson decaying to charm and bottom quarks in proton-proton collisions at $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	26
240	Search for top squarks decaying via four-body or chargino-mediated modes in single-lepton final states in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
241	Charged-particle nuclear modification factors in XeXe collisions at $$ sqrt{s_{mathrm{NN}}} = 5.44 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
242	Precision measurement of the structure of the CMS inner tracking system using nuclear interactions. Journal of Instrumentation, 2018, 13, P10034-P10034.	0.5	11
243	Measurement of the top quark mass with lepton+jets final states using $$mathrm {p}$$$$mathrm {p}$$ collisions at $$sqrt{s}=13,ext {TeV} $$. European Physical Journal C, 2018, 78, 891.	1.4	34
244	Angular analysis of the decay B+â†'K+Î¼+Î¼â^' in proton-proton collisions at s=8â€‰â€‰TeV. Physical Review D, 2018, 98, .	1.6	17
245	Measurements of the differential jet cross section as a function of the jet mass in dijet events from proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	18
246	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.	1.6	57
247	Event shape variables measured using multijet final states in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
248	Search for physics beyond the standard model in high-mass diphoton events from proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm Physical Review D, 2018, 98, .	1.6	24
249	Search for Leptoquarks Coupled to Third-Generation Quarks in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><m Physical Review Letters, 2018, 121, 241802.	2.9	50
250	Search for long-lived particles with displaced vertices in multijet events in proton-proton collisions at s=13â€‰â€‰TeV. Physical Review D, 2018, 98, .	1.6	17
251	Measurement of jet substructure observables in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>t</mml:mi><mml:mover accent="true"><mml:mi>t</mml:mi><mml:mo stretchy="false">Â¯</mml:mo></mml:mover></mml:math> events from proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mrow><mml:mn>13</mml:mn><mml:mtext>â€‰</	1.6	24
252	Searches for pair production of charginos and top squarks in final states with two oppositely charged leptons in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	23

#	Article	IF	Citations
253	Search for narrow and broad dijet resonances in proton-proton collisions at $$ sqrt{s}=13 $$ TeV and constraints on dark matter mediators and other new particles. Journal of High Energy Physics, 2018, 2018, 1.	1.6	82
254	Search for ZÎ³ resonances using leptonic and hadronic final states in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
255	Measurement of the production cross section for single top quarks in association with W bosons in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
256	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.	1.6	14
257	Search for supersymmetry in events with a Ï„ lepton pair and missing transverse momentum in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	21
258	Observation of Medium-Induced Modifications of Jet Fragmentation in Pb-Pb Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><m Using Isolated Photon-Tagged Jets. Physical Review Letters, 2018, 121, 242301.	2.9	32
259	Search for the decay of a Higgs boson in the â„“â„“Î³ channel in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
260	Performance of reconstruction and identification of Ï„ leptons decaying to hadrons and v_{Ï„} in pp collisions at âˆšs=13 TeV. Journal of Instrumentation, 2018, 13, P10005-P10005.	0.5	69
261	Evidence for the Associated Production of a Single Top Quark and a Photon in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><m Physical Review Letters, 2018, 121, 221802.	2.9	14
262	Search for third-generation scalar leptoquarks decaying to a top quark and a $$au $$ Ï„ lepton at $$sqrt{s}=13,ext {Te}ext {V} $$ s = 13 Te. European Physical Journal C, 2018, 78, 707.	1.4	46
263	Measurement of differential cross sections for $${ext {Z}}$$ Z boson production in association with jets in proton-proton collisions at $$sqrt{s} = 13,ext {TeV} $$ s = 13 TeV. European Physical Journal C, 2018, 78, 965.	1.4	39
264	Studies of $${mathrm {B}} ^{*}_{{mathrm {s}}2}(5840)^0 $$ B s 2 âˆ— (5840) 0 and $${mathrm {B}}		

#	Article	IF	Citations
271	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.	1.6	25
272	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.	1.6	13
273	Search for resonant pair production of Higgs bosons decaying to bottom quark-antiquark pairs in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	18
274	Measurement of the $$mathrm {Z}/gamma ^{*} ightarrow au au $$ Z / Î³ âˆ— â†' Ï„ Ï„ cross section in pp collisions at $$sqrt{s} = 13 hbox { TeV}$$ s = 13 TeV and validation of $$. European Physical Journal C, 2018, 78, 708.	1.4	10
275	Search for vector-like T and B quark pairs in final states with leptons at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	42
276	Search for dark matter produced in association with a Higgs boson decaying to Î³Î³ or Ï„ +Ï„ â^' at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
277	Search for additional neutral MSSM Higgs bosons in the Ï„ Ï„ final state in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	73
278	Search for Pair-Produced Resonances Each Decaying into at Least Four Quarks in Proton-Proton Collisions at s=13â€‰â€‰TeV. Physical Review Letters, 2018, 121, 141802.	2.9	4
279	Search for a heavy resonance decaying to a pair of vector bosons in the lepton plus merged jet final state at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
280	Search for a heavy right-handed W boson and a heavy neutrino in events with two same-flavor leptons and two jets at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
281	Search for a heavy resonance decaying into a Z boson and a vector boson in the $$ u overline{u}mathrm{q}overline{mathrm{q}} $$ final state. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
282	Identification of heavy-flavour jets with the CMS detector in pp collisions at 13 TeV. Journal of Instrumentation, 2018, 13, P05011-P05011.	0.5	241
283	Measurement of the cross section for top quark pair production in association with a W or Z boson in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	35
284	Search for beyond the standard model Higgs bosons decaying into a $$ mathrm{b}overline{mathrm{b}} $$ pair in pp collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	21
285	Observation of the Ï‡b1(3P) and Ï‡b2(3P) and Measurement of their Masses. Physical Review Letters, 2018, 121, 092002.	2.9	19
286	Measurement of the weak mixing angle using the forwardâ€"backward asymmetry of Drellâ€"Yan events in $$mathrm {p}mathrm {p}$$ p p collisions at 8 $$,ext {TeV}$$ TeV. European Physical Journal C, 2018, 78, 701.	1.4	58
287	Measurement of prompt and nonprompt charmonium suppression in $$ext {PbPb}$$ collisions at 5.02$$,ext {Te}ext {V}$$. European Physical Journal C, 2018, 78, 509.	1.4	83
288	Search for lepton flavour violating decays of the Higgs boson to Î¼Ï„ and eÏ„ in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29

#	Article	IF	Citations
289	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying ï„ leptons at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	38
290	Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state with two b quarks and two ï„ leptons in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</m width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 462-488.	1.5	43
291	Observation of Higgs Boson Decay to Bottom Quarks. Physical Review Letters, 2018, 121, 121801.	2.9	219
292	Constraints on models of scalar and vector leptoquarks decaying to a quark and a neutrino at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm Physical Review D, 2018, 98, .	1.6	39
293	Electroweak production of two jets in association with a Z boson in protonâ€“proton collisions at $$sqrt{s}= $$ s = 13 $$,ext {TeV}$$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	17
294	Observation of proton-tagged, central (semi)exclusive production of high-mass lepton pairs in pp collisions at 13 TeV with the CMS-TOTEM precision proton spectrometer. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29
295	Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
296	Search for single production of vector-like quarks decaying to a b quark and a Higgs boson. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
297	Search for the flavor-changing neutral current interactions of the top quark and the Higgs boson which decays into a pair of b quarks at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	23
298	Search for a singly produced third-generation scalar leptoquark decaying to a ï„ lepton and a bottom quark in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
299	Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
300	Measurement of the inelastic proton-proton cross section at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	62
301	Search for disappearing tracks as a signature of new long-lived particles in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	31
302	Search for high-mass resonances in dilepton final states in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	86
303	Search for Narrow Resonances in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">><mml:mi>b</mml:mi></mml:math> -Tagged Dijet Mass Spectrum in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm	2.9	36
304	Search for Higgs boson pair production in events with two bottom quarks and two tau leptons in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll">><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</m width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 101-121.	1.5	55
305	Charm quark and a neutralino in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll">><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13 width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 274-292.	1.5	19
306	Constraints on the chiral magnetic effect using charge-dependent azimuthal correlations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML">><mml:mrow><mml:mi>p</mml:mi><mml:mi>Pb</mml:mi></mml:mrow></mml:n and PbPb collisions at the CERN Large Hadron Collider. Physical Review C, 2018, 97, .	1.1	64

#	Article	IF	Citations
307	Measurement of Prompt <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>D</mml:mi><mml:mn>0</mml:mn></mml:msup></mml:math> Meson Azimuthal Anisotropy in Pb-Pb Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:msub><mml:mi>s</mml:mi></mml:msub></mml:msqrt> Physical Review Letters, 2018, 120, 202301.	2.9	70
308	Search for pair production of excited top quarks in the lepton + jets final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 349-370.	1.5	8
309	Search for excited quarks of light and heavy flavor in Î³â€¯+â€¯jet final states in protonâ€“proton collisions at s=13TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 390-411.	1.5	7
310	Search for supersymmetry in proton-proton collisions at 13ÂTeV using identified top quarks. Physical Review D, 2018, 97, .	1.6	23
311	Evidence for the Higgs boson decay to a bottom quarkâ€“antiquark pair. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 501-532.	1.5	63
312	Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	42
313	Measurement of angular parameters from the decay B0â€¯â†¯â€¯KâŽ0Ï¼+Ï¼â€¯ in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>8</ width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear,	1.5	81
314	Nuclear modification factor of D0 mesons in PbPb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>5.02</ width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear,	1.5	101
315	Search for new physics in events with two soft oppositely charged leptons and missing transverse momentum in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll">><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13< width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math> using b jets in a final state with a single Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 114-139.	1.5	13
316	Search for new physics in events with two soft oppositely charged leptons and missing transverse momentum in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll">><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</ width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 440-467.	1.5	47
317	Bose-Einstein correlations in <mml:mn> xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:mrow><mml:mn , and PbPb collisions at <mml:math	1.1	29
318	Measurement of differential cross sections for the production of top quark pairs and of additional jets in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">><mml:mrow><mml:mi>lepton</mml:mi><mml:mo>+</mml:mo><mml:mtext>jets</mml:mtext></mml:mrow></mml:ma events from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">><mml:mrow><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:mrow></mml:math> xmlns:mml="http://www.w3.org/1998/Math/MathML". Physical Review D, 2018,	1.6	30
319	Search for pair production of vector-like quarks in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">><mml:mi>W</mml:mi></mml:math> or <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">><mml:mrow><mml:mi>Z</mml:mi></mml:mrow></mml:math> boson and transverse momentum imbalance at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline	1.6	78
320	Jet properties in PbPb and pp collisions at $$ sqrt{s_{mathrm{N};mathrm{N}}}=5.02 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
321	Search for supersymmetry with Higgs boson to diphoton decays using the razor variables at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll">><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13< Physics Letters, Section B: Nuclear,	1.5	10
322	Search for pair production of vector-like quarks in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi mathvariant="normal">b</mml:mi><mml:mi mathvariant="normal">W</mml:mi><mml:mover accent="true"><mml:mrow><mml:mi mathvariant="normal">b</mml:mi></mml:mrow><mml:mo>â€¾</mml:mo></mml:mover><mml:mi	1.5	37
323	Measurement of associated production of a single top quark and a Z boson in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll">><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13< width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 358-384.	1.5	17
324	Search for new long-lived particles at s=13ÂTeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 432-454.	1.5	24

#	Article	IF	Citations
325	Search for supersymmetry in events with one lepton and multiple jets exploiting the angular correlation between the lepton and the missing transverse momentum in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13 width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 384-409.	1.5	4
326	Search for a new scalar resonance decaying to a pair of Z bosons in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	37
327	Performance of the CMS muon detector and muon reconstruction with proton-proton collisions at âˆšs=13 TeV. Journal of Instrumentation, 2018, 13, P06015-P06015.	0.5	180
328	Search for standard model production of four top quarks with same-sign and multilepton final states in protonâ€“proton collisions at $$sqrt{s} = 13,ext {TeV} $$ s = 13 TeV. European Physical Journal C, 2018, 78, 140.	1.4	44
329	Charge Ratio of Pions and Strange Hadrons in High-Multiplicity <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mo>+</mml:mo><mml:mi>Pb</mml:mi></mml:math> Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mm Physical Review Letters, 2018, 121, 082301.	2.9	48
330	Measurement of b hadron lifetimes in pp collisions at $$sqrt{s} = 8$$ s = 8 $$,ext {Te}ext {V}$$ TeV. European Physical Journal C, 2018, 78, 457.	1.4	15
331	Study of jet quenching with isolated-photon+jet correlations in PbPb and pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>5.02 Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 14-39.	1.5	30
332	Search for top squarks and dark matter particles in opposite-charge dilepton final states at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰</ Physical Review D, 2018, 97, .	1.6	36
333	Constraining Gluon Distributions in Nuclei Using Dijets in Proton-Proton and Proton-Lead Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mm Physical Review Letters, 2018, 121, 062002.	2.9	22
334	Observation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mi>t</mml:mi><mml:mover accent="true"><mml:mrow><mml:mi>t</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="false">Â¯</mml:mo></mml:mrow></mml:mover></mml:mrow><mml:mi>H</mml:mi></mml:mrow></mml:math> Production. Physical Review Letters, 2018, 120, 231801.	2.9	209
335	Search for Physics Beyond the Standard Model in Events with High-Momentum Higgs Bosons and Missing Transverse Momentum in Proton-Proton Collisions at 13ÂTeV. Physical Review Letters, 2018, 120, 241801.	2.9	19
336	Combination of inclusive and differential $$ mathrm{t}overline{mathrm{t}} $$ charge asymmetry measurements using ATLAS and CMS data at $$ sqrt{s}=7 $$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	7
337	Search for Heavy Neutral Leptons in Events with Three Charged Leptons in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm Physical Review Letters, 2018, 120, 221801.	2.9	160
338	Search for vectorlike light-flavor quark partners in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>8</mml:mn><mml:mtext>â€‰</m Physical Review D, 2018, 97, .	1.6	10
339	Search for a vector-like T quark decaying to a Z boson and a top quark in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll">><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13 width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 574-600.	1.5	36
340	Search for a massive resonance decaying to a pair of Higgs bosons in the four b quark final state in protonâ€“proton collisions at s=13TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 244-269.	1.5	33
341	Search for Dark Matter and Supersymmetry with a Compressed Mass Spectrum in the Vector Boson Fusion Topology in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>X</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>5568</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 102 Td (stretchy="fa xmlns:mml="http://www.w3.org/1998/Math/MathML"	2.9	47
342	Search for Dark Matter and Supersymmetry with a Compressed Mass Spectrum in the Vector Boson Fusion Topology in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm Physical Review Letters, 2017, 118, 021802.	2.9	24

#	Article	IF	Citations
343	Search for high-mass diphoton resonances in protonâ€“proton collisions at 13 TeV and combination with 8 TeV search. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 147-170.	1.5	69
344	Observation of the decay B+â†'Ï^(2S)Ï•(1020)K+ in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>8</mml:mn><mml:mspace width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 66-86.	1.5	3
345	Search for supersymmetry in events with one lepton and multiple jets in proton-proton collisions at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm Physical Review D, 2017, 95, .	1.6	8
346	Measurement of the WZ production cross section in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>ÂTeV< Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 268-290.	1.5	25
347	display="inline"><mml:mi>R</mml:mi></mml:math> -parity violating supersymmetry with displaced vertices in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm Physical Review D, 2017, 95, .	1.6	12
348	Measurements of the $$mathrm{t}overline{mathrm{t}}$$ t t Â¯ production cross section in lepton+jets final states in pp collisions at 8 $$,ext {TeV}$$ TeV and ratio of 8 to 7Â $$,ext {TeV}$$ TeV cross sections. European Physical Journal C, 2017, 77, 15.	1.4	34
349	Inclusive search for supersymmetry using razor variables in pp collisions at s=13â€‰â€‰TeV. Physical Review D, 2017, 95, .	1.6	9
350	Measurement of the $$mathrm{t}overline{mathrm{t}} $$ t t Â¯ production cross section using events in the $$mathrm {e}mu $$ e Î¼ final state in pp collisions at $$sqrt{s}=13,ext {TeV} $$ s = 13 TeV. European Physical Journal C, 2017, 77, 172.	1.4	40
351	Measurement and QCD analysis of double-differential inclusive jet cross sections in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV and cross section ratios to 2.76 and 7 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	54
352	Search for electroweak production of charginos in final states with two Ï„ leptons in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
353	Measurement of the production cross section of a WÂboson in association with two b jets in pp collisions at $$sqrt{s} = 8{,mathrm{{TeV}}} $$ s = 8 TeV. European Physical Journal C, 2017, 77, 92.	1.4	16
354	Measurement of the WZ production cross section in pp collisions at $$sqrt{s} = 7$$ s = 7 and 8 $$,ext{TeV}$$ TeV and search for anomalous triple gauge couplings at $$sqrt{s} = 8,ext{TeV} $$ s = 8 TeV. European Physical Journal C, 2017, 77, 236.	1.4	37
355	Measurement of prompt and nonprompt $$mathrm{J}/{psi }$$ J / Ï^ production in $$mathrm {p}mathrm {p}$$ p p and $$mathrm {p}mathrm {Pb}$$ p Pb collisions at $$sqrt{s_{mathrm {NN}}} =5.02,ext {TeV} $$ s. European Physical Journal C, 2017, 77, 269.	1.4	53
356	Suppression of Ï'(1S), Ï'(2S), and Ï'(3S) quarkonium states in PbPb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:msqrt><mml:mo>=</mml:mo><mml:mn>2.76</mml:mn><mml width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 357-379.	1.5	74
357	Jet energy scale and resolution in the CMS experiment in pp collisions at 8 TeV. Journal of Instrumentation, 2017, 12, P02014-P02014.	0.5	216
358	A search for new phenomena in pp collisions at $$sqrt{s} = 13,ext {TeV} $$ s = 13 TeV in final states with missing transverse momentum and at least one jet using the $$alpha _{mathrm {T}}$$ Î± T variable. European Physical Journal C, 2017, 77, 294.	1.4	29
359	Search for single production of a heavy vector-like T quark decaying to a Higgs boson and a top quark with a lepton and jets in the final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 80-105.	1.5	14
360	Measurement of the cross section for electroweak production of ZÎ³ in association with two jets and constraints on anomalous quartic gauge couplings in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>8</mml:mn><mml:mtext>ÂTeV</ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 380-402.	1.5	34

#	Article	IF	Citations
361	The CMS trigger system. Journal of Instrumentation, 2017, 12, P01020-P01020.	0.5	307
362	Multiplicity and rapidity dependence of strange hadron production in pp, pPb, and PbPb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 103-129.	1.5	35
363	Search for top squark pair production in compressed-mass-spectrum scenarios in protonâ€"proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>8</mml:mn><mml:mtext>ÂTeV</ using the Î±T variable. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics,	1.5	18
364	Search for narrow resonances in dilepton mass spectra in protonâ€"proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>Â</mm and combination with 8 TeV data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 57-80.	1.5	56
365	Search for dark matter in events with heavy quark flavour jets in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math> and constraints on dark matter and other models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 520-542.	1.5	90
366	Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos, and b quarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 137-162.	1.5	17
367	Observation of Charge-Dependent Azimuthal Correlations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mi>p</mml:mi></mml:mrow><mml:mtext>â^'</mml:mtext><mml:mi>Pb</mml:mi> Collisions and Its Implication for the Search for the Chiral Magnetic Effect. Physical Review Letters, 2017, 118, 122301.	2.9	107
368	Evidence for collectivity in pp collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 193-220.	1.5	243
369	Search for Supersymmetry in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:mrow></mml:math> Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€% Physical Review Letters,	2.9	15
370	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>B</mml:mi><mml:mo>Â±</mml:mo></mml:msup></mml:math> Meson Nuclear Modification Factor in Pb-Pb Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">s</mml:mi></mml:mrow><mml:mrow><m Physical Review Letters, 2017, 119, 152301.	2.9	62
371	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>W</mml:mi></mml:math> boson and jets in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><m Physical Review D, 2017, 96, .	1.6	19
372	Search for new physics in the monophoton final state in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	17
373	Pseudorapidity dependence of long-range two-particle correlations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>p</mml:mi><mml:mi>Pb</mml:mi></mml:mrow></mm collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msqrt><mml:msub><mml:mi>s</mml:mi><mml:mi	1.1	6
374	Measurement of inclusive jet cross sections in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:mrow></mml:ma and PbPb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msqrt><mml:msub><mml:mi>s</mml:mi><mml:mtext mathvariant="italic">NN</mml:mtext></mml:msub></mml:msqrt><mml:mo>=</mml:mo><mml:mn>2.76</mml:mn></mml:mrow></mm TeV. Physical Review C, 2017, 96, .	1.1	59
375	Measurement of double-differential cross sections for top quark pair production in pp collisions at $$sqrt{s} = 8$$ s = 8 $$,ext {TeV}$$ TeV and impact on parton distribution functions. European Physical Journal C, 2017, 77, 459.	1.4	52
376	Measurement of the jet mass in highly boosted $${mathrm{t}}overline{mathrm{t}}$$ events from pp collisions at $$sqrt{s}=8$$ $$,ext {TeV}$$. European Physical Journal C, 2017, 77, 467.	1.4	23
377	Search for supersymmetry in the all-hadronic final state using top quark tagging in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">p</mml:mi><mml:mi>p</mml:mi></mml:math> collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><m	1.6	10
378	Measurement of the top quark mass in the dileptonic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>t</mml:mi><mml:mover accent="true"><mml:mi>t</mml:mi><mml:mo stretchy="false">Â¯</mml:mo></mml:mover></mml:math> decay channel using the mass observables <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>M</mml:mi></mml:mrow><mml:mrow><mml:mi>b</mml:mi><mml:m	1.6	12

#	Article	IF	Citations
379	Search for supersymmetry in multijet events with missing transverse momentum in proton-proton collisions at 13ÂTeV. Physical Review D, 2017, 96, .	1.6	61
380	Search for Charged Higgs Bosons Produced via Vector Boson Fusion and Decaying into a Pair of W and Z Bosons Using pp Collisions at s=13â€‰â€‰TeV. Physical Review Letters, 2017, 119, 141802.	2.9	54
381	Study of jet Quenching with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Z</mml:mi><mml:mo>+</mml:mo><mml:mrow><mml:mtext>jet</mml:mtext></mml:mrow></ Correlations in Pb-Pb and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math> Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> Physical Review	2.9	32
382	Search for Low Mass Vector Resonances Decaying to Quark-Antiquark Pairs in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm Physical Review Letters, 2017, 119, 111802.	2.9	35
383	Search for standard model production of four top quarks in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>ÂTeV< Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 336-358.	1.5	11
384	Charged-particle nuclear modification factors in PbPb and pPb collisions at s N N = 5.02 $$ sqrt{s_{mathrm{N};mathrm{N}}}=5.02 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	103
385	Measurement of the mass difference between top quark and antiquark in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>8</mml:mn><mml:mtext>ÂTeV< Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 50-71.	1.5	9
386	Search for anomalous couplings in boosted <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi mathvariant="normal">W</mml:mi><mml:mi mathvariant="normal">W</mml:mi><mml:mo stretchy="false">/</mml:mo><mml:mi mathvariant="normal">W</mml:mi><mml:mi mathvariant="normal">Z</mml:mi><mml:mo stretchy="false">â†'</mml:mo><mml:mi>â„“</mml:mi><mml:mi>Î½</mml:mi><mml:mi mathvariant="normal">q</	1.5	27
387	Search for supersymmetry in events with photons and missing transverse energy in pp collisions at 13 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 391-412.	1.5	5
388	Search for heavy gauge Wâ€² bosons in events with an energetic lepton and large missing transverse momentum at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>ÂTeV< Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 278-301.	1.5	31
389	Measurements of the charm jet cross section and nuclear modification factor in pPb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:msqrt><mml:mo>=</mml:mo><mml:mn>5.02</mml:mn><mm	1.5	20
390	Search for high-mass Zî³ resonances in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>8</mml:mn><mml:mtext>ÂTeV</mml:mtext></mml:math> and 13 TeV using jet substructure techniques. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 363-383.	1.5	12
391	Measurement of charged-particle production in ultra-peripheral PbPb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi><mm width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math> with the CMS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 489-511.	1.5	17
392	Search for t t Â¯ $$ mathrm{t}overline{mathrm{t}} $$ resonances in highly boosted lepton+jets and fully hadronic final states in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
393	Search for pair production of vector-like quarks decaying into a b quark and a W boson in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear,	1.5	14
394	Cross section measurement of t-channel single top quark production in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 752-776.	1.5	39
395	Measurement of differential cross sections for top quark pair production using the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>lepton</mml:mtext><mml:mo>+</mml:mo><mml:mrow><mml:mtext>jets</mml:mtext></ final state in proton-proton collisions at 13ÂTeV. Physical Review D, 2017, 95, .	1.6	50
396	Search for associated production of dark matter with a Higgs boson decaying to b b Â¯ $$ mathrm{b}overline{mathrm{b}} $$ or Î³Î³ at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14

#	Article	IF	Citations
397	Observation of Top Quark Production in Proton-Nucleus Collisions. Physical Review Letters, 2017, 119, 242001.	2.9	23
398	Observation of Y(1S) pair production in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	48
399	Search for anomalous Wtb couplings and flavour-changing neutral currents in t-channel single top quark production in pp collisions at s = 7 $$ sqrt{s}=7 $$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	35
400	Search for single production of vector-like quarks decaying to a Z boson and a top or a bottom quark in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13
401	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.	1.5	40
402	Measurement of the semileptonic t t Â¯ $$ mathrm{t}overline{mathrm{t}} $$ + Î³ production cross section in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
403	Measurements of the pp â†’ WÎ³Î³ and pp â†’ ZÎ³Î³ cross sections and limits on anomalous quartic gauge couplings at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
404	Mechanical stability of the CMS strip tracker measured with a laser alignment system. Journal of Instrumentation, 2017, 12, P04023-P04023.	0.5	0
405	Search for new phenomena with the $$M_{mathrm {T2}}$$ M T 2 variable in the all-hadronic final state produced in protonâ€“proton collisions at $$sqrt{s} = 13$$ s = 13 $$,ext {TeV}$$ TeV. European Physical Journal C, 2017, 77, 710.	1.4	98
406	Measurements of differential production cross sections for a Z boson in association with jets in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
407	Search for leptophobic Zâ€² bosons decaying into four-lepton final states in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>8</mml:mn><mml:mspace width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear,	1.5	7
408	Search for black holes and other new phenomena in high-multiplicity final states in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 279-307.	1.5	14
409	Search for Higgs boson decays to a Z boson and a Z boson in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>8</mm and 13 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 533-558.	1.5	26
410	CMS Collaboration. Nuclear Physics A, 2017, 967, 965-982.	0.6	1
411	Search for heavy resonances decaying to tau lepton pairs in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	23
412	Search for electroweak production of a vector-like quark decaying to a top quark and a Higgs boson using boosted topologies in fully hadronic final states. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
413	Measurements of differential cross sections for associated production of a W boson and jets in proton-proton collisions at s=8â€‰â€‰TeV. Physical Review D, 2017, 95, .	1.6	12
414	Measurement of the transverse momentum spectra of weak vector bosons produced in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	23

#	Article	IF	Citations
415	Measurement of the differential inclusive B+ hadron cross sections in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>ÂTeV< Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 435-456.	1.5	24
416	Suppression and azimuthal anisotropy of prompt and nonprompt $${mathrm{J}}/psi $$ J / Ï^ production in PbPb collisions at $$sqrt{{s_{_{ext {NN}}}}} =2.76$$ s NN = 2.76 $$,mathrm{TeV}$$ TeV. European Physical Journal C, 2017, 77, 252.	1.4	82
417	Searches for pair production of third-generation squarks in $$sqrt{s}=13$$ s = 13 $$,ext {TeV}$$ TeV pp collisions. European Physical Journal C, 2017, 77, 327.	1.4	32
418	Measurement of the top quark mass using single top quark events in proton-proton collisions at $$sqrt{s}= 8$$ s = 8 ÂTeV. European Physical Journal C, 2017, 77, 354.	1.4	23
419	display="inline"><mml:mi>T</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:mi>S</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 58 xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo	2.9	24
420	Searches for invisible decays of the Higgs boson in pp collisions at s $$ sqrt{s} $$ = 7, 8, and 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	95
421	Search for massive resonances decaying into WW, WZ or ZZ bosons in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
422	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at $$sqrt{s}= 13,ext{TeV} $$ s = 13 TeV. European Physical Journal C, 2017, 77, 845.	1.4	38
423	Search for Evidence of the Type-III Seesaw Mechanism in Multilepton Final States in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm Physical Review Letters, 2017, 119, 221802.	2.9	40
424	Measurement of electroweak-induced production of WÎ³ with two jets in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2017, 2017, 1.	1.6	17
425	Searches for Wâ€² bosons decaying to a top quark and a bottom quark in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	8
426	Measurement of the inclusive energy spectrum in the very forward direction in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
427	Search for direct production of supersymmetric partners of the top quark in the all-jets final state in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
428	Search for electroweak production of charginos and neutralinos in WH events in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
429	Search for pair production of vector-like T and B quarks in single-lepton final states using boosted jet substructure in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	27
430	Principal-component analysis of two-particle azimuthal correlations in PbPb and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>p</mml:mi><mml:mtext>Pb</mml:mtext></mml:mrow><mm collisions at CMS. Physical Review C, 2017, 96, .	1.4	19
431	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>b</mml:mi><mml:mi>b</mml:mi><mml:mi>Ï„</mml:mi><mml:mi>Ï„</mml:mi></mml:math> final state in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mo	1.6	18
432	Measurement of charged pion, kaon, and proton production in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm Physical Review D, 2017, 96, .	1.6	48

#	Article	IF	Citations
433	Measurement of vector boson scattering and constraints on anomalous quartic couplings from events with four leptons and two jets in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13	1.5	45
434	Search for a heavy composite Majorana neutrino in the final state with two leptons and two quarks at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</m width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 775, 315-337.	1.5	8
435	Search for top squark pair production in pp collisions at s = 13 $$ sqrt{s}=13 $$ TeV using single lepton events. Journal of High Energy Physics, 2017, 2017, 1.	1.6	31
436	Search for top quark decays via Higgs-boson-mediated flavor-changing neutral currents in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
437	Measurement of the t t Â¯ $$ mathrm{t}overline{mathrm{t}} $$ production cross section using events with one lepton and at least one jet in pp collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
438	Search for a heavy resonance decaying to a top quark and a vector-like top quark at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	5
439	Search for physics beyond the standard model in events with two leptons of same sign, missing transverse momentum, and jets in protonâ€“proton collisions at $$sqrt{s} = 13,ext {TeV} $$. European Physical Journal C, 2017, 77, 578.	1.4	57
440	Search for top quark partners with charge 5/3 in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
441	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	29
442	Measurements of jet charge with dijet events in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	17
443	Search for associated production of a Z boson with a single top quark and for tZ flavour-changing interactions in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	21
444	Search for new physics with dijet angular distributions in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
445	Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	62
446	Search for third-generation scalar leptoquarks and heavy right-handed neutrinos in final states with two tau leptons and two jets in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	41
447	Search for new phenomena with multiple charged leptons in protonâ€“proton collisions at $$sqrt{s}= 13$$ s = 13 $$,ext {TeV}$$ TeV. European Physical Journal C, 2017, 77, 1.	1.4	2
448	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at $$sqrt{s} = 13$$ s = 13 $$,ext {TeV}$$ TeV. European Physical Journal C, 2017, 77, 636.	1.4	38
449	Search for high-mass ZÎ³ resonances in e+eâ^'Î³ and Î¼ + Î¼ â^'Î³ final states in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	7
450	Search for heavy neutrinos or third-generation leptoquarks in final states with two hadronically decaying Ï„ leptons and two jets in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	22

#	Article	IF	Citations
451	Search for CP violation in t t Â¯ $$ toverline{t} $$ production and decay in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	4
452	Measurement of the triple-differential dijet cross section in proton-proton collisions at $$sqrt{s}=8,ext {TeV} $$ s = 8 TeV and constraints on parton distribution functions. European Physical Journal C, 2017, 77, 746.	1.4	23
453	Search for a light pseudoscalar Higgs boson produced in association with bottom quarks in pp collisions at $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
454	Search for supersymmetry in events with at least one photon, missing transverse momentum, and large transverse event activity in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
455	Radioactive source calibration test of the CMS Hadron Endcap Calorimeter test wedge with Phase I upgrade electronics. Journal of Instrumentation, 2017, 12, P12034-P12034.	0.5	0
456	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.	1.6	101
457	Particle-flow reconstruction and global event description with the CMS detector. Journal of Instrumentation, 2017, 12, P10003-P10003.	0.5	348
458	Measurements of the associated production of a Z boson and b jets in pp collisions at $${sqrt{s}} = 8,ext {TeV} $$ s = 8 TeV. European Physical Journal C, 2017, 77, 751.	1.4	30
459	Measurement of the transverse momentum spectrum of the Higgs boson produced in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV using H â†' WW decays. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
460	Geant4 simulation of a conceptual calorimeter based on secondary electron emission. Journal of Instrumentation, 2017, 12, P07014-P07014.	0.5	3
461	Search for dark matter and unparticles in events with a Z boson and missing transverse momentum in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	23
462	Decomposing transverse momentum balance contributions for quenched jets in PbPb collisions at s N N = 2.76 $$ sqrt{s_{mathrm{N};mathrm{N}}}=2.76 $$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
463	Measurement of the W boson helicity fractions in the decays of top quark pairs to lepton + jets final states produced in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>8</mml:mn><mml:mspace width="0.2em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 512-534.	1.5	25
464	Search for Higgs boson off-shell production in proton-proton collisions at 7 and 8 TeV and derivation of constraints on its total decay width. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
465	Search for two Higgs bosons in final states containing two photons and two bottom quarks in proton-proton collisions at 8ÂTeV. Physical Review D, 2016, 94, .	1.6	47
466	Measurement of electroweak production of a W boson and two forward jets in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	5
467	Studies of inclusive four-jet production with two b -tagged jets in proton-proton collisions at 7ÂTeV. Physical Review D, 2016, 94, .	1.6	5
468	Measurement of the ZZ production cross section and Z â†'â„“+â„“â^'â„“â€²+â„“â€²â^' branching fraction in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>Â</mm Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 280-303.	1.5	22

#	Article	IF	Citations
469	display="inline"><mml:mi>R</mml:mi></mml:math> -parity-violating supersymmetry in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:mrow></mml:math> collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mm	1.6	9
470	Dose rate effects in the radiation damage of the plastic scintillators of the CMS hadron endcap calorimeter. Journal of Instrumentation, 2016, 11, T10004-T10004.	0.5	17
471	Measurement of the integrated and differentialttÂ¯production cross sections for high-pTtop quarks inppcollisions ats=8â€‰â€‰TeV. Physical Review D, 2016, 94, .	1.6	24
472	Search for neutral resonances decaying into a Z boson and a pair of b jets or Ï„ leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 369-394.	1.5	45
473	overflow="scroll"><mml:mi mathvariant="normal">Z</mml:mi><mml:mi>Î³</mml:mi><mml:mo stretchy="false">â†'</mml:mo><mml:mi>Î½</mml:mi><mml:mover accent="true"><mml:mrow><mml:mi>Î½</mml:mi></mml:mrow><mml:mo>â€¾</mml:mo></mml:mover><mml:mo>Î³</mml:mo><mm production cross section in pp collisions at <mml:math	1.5	15
474	Ï'(nS) polarizations versus particle multiplicity in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>7</mml:mn><mml:mtext>ÂTeV</ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 31-52.	1.5	6
475	Search for lepton flavour violating decays of the Higgs boson to eÏ„ and eÎ¼ in protonâ€"proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>8</mml:mn><mml:mtext>ÂTeV	1.5	44
476	Measurement of the inelastic cross section in protonâ€"lead collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:msqrt><mml:mo>=</mml:mo><mml:mn>5.02</mml:mn><mml: width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 641-662.	1.5	17
477	Search for R-parity violating decays of a top squark in protonâ€"proton collisions at s=8ÂTeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 178-201.	1.5	6
478	Measurement of the differential cross sections for top quark pair production as a function of kinematic event variables inppcollisions ats=7and 8ÂTeV. Physical Review D, 2016, 94, .	1.6	4
479	CMS Collaboration. Nuclear Physics A, 2016, 956, 945-963.	0.6	1
480	Search for supersymmetry in electroweak production with photons and large missing transverse energy in pp collisions at s=8TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 479-500.	1.5	6
481	xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:mi mathvariant="normal">VH</mml:mi></mml:mrow><mml:mo		

#	Article	IF	Citations
487	Search for dark matter in proton-proton collisions at 8 TeV with missing transverse momentum and vector boson tagged jets. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
488	Phenomenological MSSM interpretation of CMS searches in pp collisions at s = 7 $$ sqrt{s}=7 $$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	12
489	Measurement of the mass of the top quark in decays with a J/Î^ meson in pp collisions at 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	6
490	Study of Z boson production in pPb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi>N</mml:mi><mml width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2016, 759, 36-57.	1.5	14
491	Search for supersymmetry in high-energy pp collisions in leptons, low jet multiplicity, and missing transverse energy in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>8</mml:mn><mml:mtext>ÂTeV</ Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2016, 759, 9-35.	1.5	14
492	Search for new physics in final states with two opposite-sign, same-flavor leptons, jets, and missing transverse momentum in pp collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
493	KaranlÄ±k Madde Etkin Alan Teorisinde SimÃ¼lasyon AraÃ§larÄ± UygulamalarÄ±. Ä°zÃ¼fbed Ä°stanbul Sabahattin Zaim Ãœniversitesi Fen Bilimleri EnstitÃ¼sÃ¼ Dergisi, 0, , .	0.6	0