

Manfred Paulini

List of Publications by Year in descending order

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Version: 2024-02-01

498
papers

22,400
citations

9786

73
h-index

18647

119
g-index

507
all docs

507
docs citations

507
times ranked

10027
citing authors

#	ARTICLE	IF	CITATIONS
1	Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
2	Search for flavor-changing neutral current interactions of the top quark and the Higgs boson decaying to a bottom quark-antiquark pair at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
3	Search for long-lived particles decaying to leptons with large impact parameter in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 153.	3.9	14
4	Study of dijet events with large rapidity separation in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	1
5	End-to-end jet classification of boosted top quarks with the CMS open data. Physical Review D, 2022, 105, .	4.7	1
6	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 290.	3.9	18
7	Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	13
8	Search for long-lived particles decaying into muon pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV collected with a dedicated high-rate data stream. Journal of High Energy Physics, 2022, 2022, .	4.7	5
9	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	12
10	Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
11	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
12	Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
13	Search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
14	Measurement of the inclusive $\overline{\text{t}}\text{t}$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
15	Search for heavy resonances decaying to a pair of Lorentz-boosted Higgs bosons in final states with leptons and a bottom quark pair at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, .	4.7	2
16	Search for higgsinos decaying to two Higgs bosons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, .	4.7	4
17	Observation of $B^0 \rightarrow \text{supersymmetry}(2S)K^0_{\text{up}} + \text{up}^+$ and $B^0_{\text{up}} \rightarrow \text{supersymmetry}(2S)K^0_{\text{up}} + \text{up}^+$ decays. European Physical Journal C, 2022, 82, .	3.9	1
18	Search for dark matter produced in association with a leptonically decaying Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 13.	3.9	33

#	ARTICLE	IF	CITATIONS
19	Search for top squark pair production using dilepton final states in pp collision data collected at $\sqrt{s} = 13, \text{TeV}$. European Physical Journal C, 2021, 81, 3.	3.9	33
20	Measurements of $\text{pp} \rightarrow \text{ZZ}$ production cross sections and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13, \text{TeV}$. European Physical Journal C, 2021, 81, 200.	3.9	24
21	Development and validation of HERWIG ⁷ tunes from CMS underlying-event measurements. European Physical Journal C, 2021, 81, 312.	3.9	12
22	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at $\sqrt{s} = 13, \text{TeV}$. European Physical Journal C, 2021, 81, 378.	3.9	40
23	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at $\sqrt{s} = 13, \text{TeV}$. European Physical Journal C, 2021, 81, 488.	3.9	35
24	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $\sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2021, 2021, 1.	4.7	27
25	MUSIC: a model-unspecific search for new physics in proton-proton collisions at $\sqrt{s} = 13, \text{TeV}$. European Physical Journal C, 2021, 81, 629.	3.9	18
26	Search for a heavy vector resonance decaying to a ZZ boson and a Higgs boson in proton-proton collisions at $\sqrt{s} = 13, \text{TeV}$. European Physical Journal C, 2021, 81, 688.	3.9	9
27	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at $\sqrt{s} = 13, \text{TeV}$. European Physical Journal C, 2021, 81, 723.	3.9	19
28	Measurements of angular distance and momentum ratio distributions in three-jet and ZZ + two-jet final states in pp collisions. European Physical Journal C, 2021, 81, 852.	3.9	2
29	Precision luminosity measurement in proton-proton collisions at $\sqrt{s} = 13, \text{TeV}$ in 2015 and 2016 at CMS. European Physical Journal C, 2021, 81, 800.	3.9	123
30	Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at $\sqrt{s} = 13, \text{TeV}$. European Physical Journal C, 2021, 81, 970.	3.9	18
31	Dark Matter benchmark models for early LHC Run-2 Searches: Report of the ATLAS/CMS Dark Matter Forum. Physics of the Dark Universe, 2020, 27, 100371.	4.9	126
32	End-to-end jet classification of quarks and gluons with the CMS Open Data. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 977, 164304.	1.6	20
33	A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution. Computing and Software for Big Science, 2020, 4, 10.	2.9	21
34	Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. Journal of Instrumentation, 2020, 15, P02027-P02027.	1.2	27
35	Calibration of the CMS hadron calorimeters using proton-proton collision data at $\sqrt{s} = 13 \text{ TeV}$. Journal of Instrumentation, 2020, 15, P05002-P05002.	1.2	3
36	Study of central exclusive "Equation missing" production in proton-proton collisions at $\sqrt{s} = 5.02$ and 13 TeV . European Physical Journal C, 2020, 80, 718.	3.9	7

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37	Search for physics beyond the standard model in events with jets and two same-sign or at least three charged leptons in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 752.	3.9	23
38	Performance of the CMS Level-1 trigger in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of Instrumentation, 2020, 15, P10017-P10017.	1.2	84
39	Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment. Journal of High Energy Physics, 2020, 2020, 1.	4.7	21
40	Measurement of top quark pair production in association with a Z boson in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	20
41	Search for direct pair production of supersymmetric partners to the τ lepton in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 189.	3.9	22
42	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in PbPb collisions at $\sqrt{s_{NN}}=2.76$ and 5.02 TeV. European Physical Journal C, 2020, 80, 534.	3.9	14
43	Measurement of electroweak production of a W boson in association with two jets in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 43.	3.9	11
44	Evidence for W production from double-parton interactions in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	10
45	Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 75.	3.9	78
46	Searches for physics beyond the standard model with the M_{T2} variable in hadronic final states with and without disappearing tracks in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 3.	3.9	70
47	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. European Physical Journal C, 2020, 80, 4.	3.9	198
48	End-to-End Physics Event Classification with CMS Open Data: Applying Image-Based Deep Learning to Detector Data for the Direct Classification of Collision Events at the LHC. Computing and Software for Big Science, 2020, 4, 1.	2.9	34
49	Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
50	A multi-dimensional search for new heavy resonances decaying to boosted W , WZ , or ZZ boson pairs in the dijet final state at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 237.	3.9	31
51	Measurement of single-diffractive dijet production in proton-proton collisions at $\sqrt{s}=8$ TeV with the CMS and TOTEM experiments. European Physical Journal C, 2020, 80, 1164.	3.9	5
52	Measurement of differential cross sections and charge ratios for t-channel single top quark production in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 370.	3.9	22
53	Measurement of normalised multi-differential cross sections in pp collisions at $\sqrt{s}=13$ TeV, and simultaneous determination of the strong coupling strength, top quark pole mass, and parton distribution functions. European Physical Journal C, 2020, 80, 1.	3.9	33
54	Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	17

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55	Search for a heavy resonance decaying to a top quark and a vector-like top quark in the lepton + jets final state in pp collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ $s = 13$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	9
56	Measurement of exclusive ρ_{\perp}^0 photoproduction in ultraperipheral pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02, \text{ext}\{\text{TeV}\}$. European Physical Journal C, 2019, 79, 702.	3.9	33
57	Measurement of exclusive Υ photoproduction from protons in pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02, \text{ext}\{\text{TeV}\}$. European Physical Journal C, 2019, 79, 277.	3.9	35
58	Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$. European Physical Journal C, 2019, 79, 564.	3.9	50
59	Measurement of the top quark mass in the all-jets final state at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ $s = 13$ TeV and combination with the lepton+jets channel. European Physical Journal C, 2019, 79, 313.	3.9	40
60	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in pp collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$. European Physical Journal C, 2019, 79, 773.	3.9	8
61	Search for resonant production of second-generation sleptons with same-sign dimuon events in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ $s = 13$ TeV. European Physical Journal C, 2019, 79, 305.	3.9	4
62	Search for the pair production of light top squarks in the $e^{\pm} \mu^{\pm}$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
63	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$. European Physical Journal C, 2019, 79, 421.	3.9	355
64	Search for supersymmetry in events with a photon, jets, b-jets, and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$. European Physical Journal C, 2019, 79, 444.	3.9	11
65	Measurements of the pp \rightarrow WZ inclusive and differential production cross sections and constraints on charged anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
66	Measurement of the $\overline{t}t$ 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.	3.9	68
67	Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$. European Physical Journal C, 2019, 79, 1.	3.9	12
68	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ $s = 13$ Te. European Physical Journal C, 2019, 79, 280.	3.9	29
69	Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ $s = 13$ Te. European Physical Journal C, 2019, 79, 364.	3.9	48
70	Search for single production of vector-like quarks decaying to a top quark and a W boson in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ $s = 13$ TeV. European Physical Journal C, 2019, 79, 90.	3.9	34
71	Study of the underlying event in top quark pair production in pp collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ Te. European Physical Journal C, 2019, 79, 123.	3.9	11
72	Search for rare decays of Z and Higgs bosons to χ/ψ and a photon in proton-proton collisions at $\sqrt{s} = 13, \text{ext}\{\text{TeV}\}$ TeV. European Physical Journal C, 2019, 79, 94.	3.9	20

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73	Search for $\overline{\text{t}}\text{H}$ production in the $\text{H} \rightarrow \overline{\text{b}}\text{b}$ decay channel with leptonic $\overline{\text{t}}\text{t}$ decays in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	28
74	Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
75	Measurement of differential cross sections for inclusive isolated-photon and photon+jet production in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 20.	3.9	18
76	Exploring End-to-end Deep Learning Applications for Event Classification at CMS. EPJ Web of Conferences, 2019, 214, 06031.	0.3	5
77	Measurements of triple-differential cross sections for inclusive isolated-photon+jet events in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2019, 79, 969.	3.9	6
78	Measurement of the differential Drell-Yan cross section in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
79	Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 893.	3.9	12
80	Search for new physics in top quark production in dilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 886.	3.9	16
81	Measurements of differential Z boson production cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	28
82	Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2018, 78, 242.	3.9	10
83	Pseudorapidity distributions of charged hadrons in proton-lead collisions at $\sqrt{s_{\text{NN}}}=5.02$ and 8.16 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
84	Search for resonant and nonresonant Higgs boson pair production in the $\text{b}\overline{\text{b}}\ell\ell$ final state in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	36
85	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 291.	3.9	27
86	Measurements of the $\text{pp} \rightarrow \text{ZZ}$ production cross section and the $\text{Z} \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at. European Physical Journal C, 2018, 78, 165.	3.9	52
87	Measurement of associated Z + charm production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 287.	3.9	16
88	Measurement of the inclusive $\overline{\text{t}}\text{t}$ cross section in pp collisions at $\sqrt{s}=5.02$ TeV using final states with at least one charged lepton. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5
89	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.	4.7	0
90	Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $s = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5

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91	Search for supersymmetry in events with at least three electrons or muons, jets, and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
92	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.	4.7	57
93	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.	4.7	63
94	Measurement of differential cross sections in the kinematic angular variable $\tilde{\chi}^*$ for inclusive Z boson production in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	4
95	Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
96	Measurement of normalized differential $\overline{\sigma}$ cross sections in the dilepton channel from pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	18
97	Constraints on the double-parton scattering cross section from same-sign W boson pair production in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
98	Search for ZZ resonances in the $2\hat{\gamma}, 2\hat{\gamma}^*/2$ final state in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	4
99	Search for $\overline{t}tH$ production in the all-jet final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
100	Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos and b quarks at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	11
101	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.	4.7	43
102	End-to-End Event Classification of High-Energy Physics Data. Journal of Physics: Conference Series, 2018, 1085, 042022.	0.4	10
103	Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
104	Measurement of the top quark mass with lepton+jets final states using $pp \rightarrow t\bar{t} + \text{jets} + \text{lepton} + \text{neutrino}$ collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 891.	3.9	34
105	Measurements of Higgs boson properties in the diphoton decay channel in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	57
106	Search for $Z\tilde{\chi}^0$ resonances using leptonic and hadronic final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
107	Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	14
108	Machine Learning in High Energy Physics Community White Paper. Journal of Physics: Conference Series, 2018, 1085, 022008.	0.4	94

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109	Search for third-generation scalar leptoquarks decaying to a top quark and a τ lepton at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 707.	3.9	46
110	Measurement of differential cross sections for Z boson production in association with jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 965.	3.9	39
111	Studies of $B \rightarrow \tau \nu$ and $B \rightarrow \mu \nu$ decays at $\sqrt{s} = 13$ TeV.		

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127	Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
128	Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
129	Measurement of the inelastic proton-proton cross section at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	62
130	Search for high-mass resonances in dilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	86
131	Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	42
132	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.	4.7	13
133	Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 140.	3.9	44
134	Measurements of the $(\mathrm{p})\mathrm{p}\rightarrow\mathrm{Z}\mathrm{p}$ production cross section and the $(\mathrm{Z}\rightarrow 4\ell)$ branching fraction, and constraints on anomalous triple gauge couplings at $(\sqrt{s} = 13, \text{TeV})$. , 2018, 78, 1.		3
135	Measurements of the $\mathrm{t}\bar{\mathrm{t}}\rightarrow\mathrm{t}\bar{\mathrm{t}}\hat{\mathrm{A}}^{-}$ production cross section in lepton+jets final states in pp collisions at 8 TeV and ratio of 8 to $7\hat{\mathrm{A}}^{-}$ TeV cross sections. European Physical Journal C, 2017, 77, 15.	3.9	34
136	Measurement of the $\mathrm{t}\bar{\mathrm{t}}\rightarrow\mathrm{t}\bar{\mathrm{t}}\hat{\mathrm{A}}^{-}$ production cross section using events in the $\mathrm{e}\mu e\hat{\mathrm{A}}^{-}$ final state in pp collisions at $\sqrt{s}=13, \text{TeV}$ $s = 13$ TeV. European Physical Journal C, 2017, 77, 172.	3.9	40
137	Measurement and QCD analysis of double-differential inclusive jet cross sections in pp collisions at $s = 8$ TeV and cross section ratios to 2.76 and 7 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	54
138	Search for electroweak production of charginos in final states with two $\tilde{\ell}$, leptons in pp collisions at $s = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	11
139	Measurement of the production cross section of a $W\hat{\mathrm{A}}^{-}$ boson in association with two b jets in pp collisions at $\sqrt{s} = 8, \text{TeV}$ $s = 8$ TeV. European Physical Journal C, 2017, 77, 92.	3.9	16
140	Measurement of the WZ production cross section in pp collisions at $\sqrt{s} = 7$ TeV and 8 TeV and search for anomalous triple gauge couplings at $\sqrt{s} = 8, \text{TeV}$ $s = 8$ TeV. European Physical Journal C, 2017, 77, 236.	3.9	37
141	Measurement of prompt and nonprompt J/ψ production in $\mathrm{p}\mathrm{p}$ and $\mathrm{p}\mathrm{Pb}$ collisions at $\sqrt{s_{\mathrm{NN}}}=5.02, \text{TeV}$ s . European Physical Journal C, 2017, 77, 269.	3.9	53
142	A search for new phenomena in pp collisions at $\sqrt{s} = 13, \text{TeV}$ $s = 13$ TeV in final states with missing transverse momentum and at least one jet using the $\alpha_{\mathrm{T}}\hat{\mathrm{A}}^{\pm}$ variable. European Physical Journal C, 2017, 77, 294.	3.9	29
143	Search for new physics in the monophoton final state in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
144	Measurement of double-differential cross sections for top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV and impact on parton distribution functions. European Physical Journal C, 2017, 77, 459.	3.9	52

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145	Measurement of the jet mass in highly boosted $\overline{\text{t}}\text{t}$ events from pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2017, 77, 467.	3.9	23
146	Charged-particle nuclear modification factors in PbPb and pPb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	103
147	Search for $\overline{\text{t}}\text{t}$ resonances in highly boosted lepton+jets and fully hadronic final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	22
148	Search for associated production of dark matter with a Higgs boson decaying to $\overline{\text{b}}\text{b}$ or $\tilde{\nu}^3$ at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
149	Observation of $\Upsilon(1S)$ pair production in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	48
150	Search for anomalous Wtb couplings and flavour-changing neutral currents in t-channel single top quark production in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	35
151	Search for single production of vector-like quarks decaying to a Z boson and a top or a bottom quark in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
152	Measurement of the semileptonic $\overline{\text{t}}\text{t} + \tilde{\nu}^3$ production cross section in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	11
153	Measurements of the $\text{pp} \rightarrow W\tilde{\nu}^3$ and $\text{pp} \rightarrow Z\tilde{\nu}^3$ cross sections and limits on anomalous quartic gauge couplings at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
154	Search for new phenomena with the M_{T2} variable in the all-hadronic final state produced in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2017, 77, 710.	3.9	98
155	Measurements of differential production cross sections for a Z boson in association with jets in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
156	Search for heavy resonances decaying to tau lepton pairs in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	23
157	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.	4.7	14
158	Measurement of the transverse momentum spectra of weak vector bosons produced in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	23
159	Suppression and azimuthal anisotropy of prompt and nonprompt J/ψ production in PbPb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. European Physical Journal C, 2017, 77, 252.	3.9	82
160	Searches for pair production of third-generation squarks in $\sqrt{s}=13$ TeV pp collisions. European Physical Journal C, 2017, 77, 327.	3.9	32
161	Measurement of the top quark mass using single top quark events in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2017, 77, 354.	3.9	23
162	Searches for invisible decays of the Higgs boson in pp collisions at $\sqrt{s}=7, 8,$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	95

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163	Search for massive resonances decaying into WW , WZ or ZZ bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	22
164	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 845.	3.9	38
165	Measurement of electroweak-induced production of $W\bar{t}^3$ with two jets in pp collisions at $\sqrt{s} = 8$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
166	Searches for $W\hat{e}^2$ 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.	4.7	8
167	Measurement of the inclusive energy spectrum in the very forward direction in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
168	Search for direct production of supersymmetric partners of the top quark in the all-jets final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	22
169	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.	4.7	15
170	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.	4.7	27
171	Search for top squark pair production in pp collisions at $\sqrt{s} = 13$ TeV using single lepton events. Journal of High Energy Physics, 2017, 2017, 1.	4.7	31
172	Search for top quark decays via Higgs-boson-mediated flavor-changing neutral currents in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
173	Measurement of the $t\bar{t}\hat{A}^-$ production cross section using events with one lepton and at least one jet in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
174	Search for a heavy resonance decaying to a top quark and a vector-like top quark at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	5
175	Search for physics beyond the standard model in events with two leptons of same sign, missing transverse momentum, and jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 578.	3.9	57
176	Search for top quark partners with charge $5/3$ in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	3
177	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
178	Measurements of jet charge with dijet events in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
179	Search for associated production of a Z boson with a single top quark and for tZ flavour-changing interactions in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	21
180	Search for new physics with dijet angular distributions in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15

#	ARTICLE	IF	CITATIONS
181	Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at $s = 13 \sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	62
182	Search for third-generation scalar leptoquarks and heavy right-handed neutrinos in final states with two tau leptons and two jets in proton-proton collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	41
183	Search for new phenomena with multiple charged leptons in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2017, 77, 1.	3.9	2
184	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2017, 77, 636.	3.9	38
185	Search for high-mass Z^{\prime} resonances in $e^{+}e^{-}$ and $\frac{1}{4} + \frac{1}{4} \nu^{\prime}$ final states in proton-proton collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ and 13 TeV . Journal of High Energy Physics, 2017, 2017, 1.	4.7	7
186	Search for heavy neutrinos or third-generation leptoquarks in final states with two hadronically decaying l_{τ} , leptons and two jets in proton-proton collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	22
187	Search for CP violation in $t \bar{t} \hat{A}^{\pm}$ production and decay in proton-proton collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	4
188	Measurement of the triple-differential dijet cross section in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$ and constraints on parton distribution functions. European Physical Journal C, 2017, 77, 746.	3.9	23
189	Search for a light pseudoscalar Higgs boson produced in association with bottom quarks in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
190	Search for supersymmetry in events with at least one photon, missing transverse momentum, and large transverse event activity in proton-proton collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
191	Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at $\sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	101
192	Measurements of the associated production of a Z boson and b jets in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. European Physical Journal C, 2017, 77, 751.	3.9	30
193	Measurement of the transverse momentum spectrum of the Higgs boson produced in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ using $H \rightarrow WW$ decays. Journal of High Energy Physics, 2017, 2017, 1.	4.7	11
194	Search for dark matter and unparticles in events with a Z boson and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	23
195	Decomposing transverse momentum balance contributions for quenched jets in PbPb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
196	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2016, 76, 451.	3.9	55
197	Measurement of the $W^{+}W^{-}$ cross section in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ and limits on anomalous gauge couplings. European Physical Journal C, 2016, 76, 401.	3.9	74
198	Search for heavy resonances decaying to two Higgs bosons in final states containing four b quarks. European Physical Journal C, 2016, 76, 371.	3.9	33

#	ARTICLE	IF	CITATIONS
199	Beam test evaluation of electromagnetic calorimeter modules made from proton-damaged PbWO ₄ crystals. Journal of Instrumentation, 2016, 11, P04012-P04012.	1.2	8
200	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.	4.7	17
201	Search for lepton flavour violating decays of heavy resonances and quantum black holes to an $\mu e \gamma$ pair in proton-proton collisions at $\sqrt{s}=8$ -ext {TeV} $s = 8$ TeV. European Physical Journal C, 2016, 76, 317.	3.9	16
202	Measurement of electroweak production of a W boson and two forward jets in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	5
203	Measurement of transverse momentum relative to dijet systems in PbPb and pp collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	31
204	Search for anomalous single top quark production in association with a photon in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	27
205	Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	7
206	Search for the associated production of a Higgs boson with a single top quark in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
207	Forward-backward asymmetry of Drell-Yan lepton pairs in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 325.	3.9	25
208	Search for new physics in same-sign dilepton events in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2016, 76, 439.	3.9	64
209	Measurement of dijet azimuthal decorrelation in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 536.	3.9	16
210	Search for dark matter particles in proton-proton collisions at $\sqrt{s}=8$ TeV using the razor variables. Journal of High Energy Physics, 2016, 2016, 1.	4.7	4
211	Search for s channel single top quark production in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
212	Measurement of inclusive jet production and nuclear modifications in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2016, 76, 372.	3.9	29
213	Measurement of differential and integrated fiducial cross sections for Higgs boson production in the four-lepton decay channel in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
214	Measurement of the $t \bar{t}$ production cross section in the $e \gamma$ channel in proton-proton collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	41
215	Search for new physics with the M _{T2} variable in all-jets final states produced in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
216	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.	4.7	13

#	ARTICLE	IF	CITATIONS
217	Evidence for exclusive $\hat{t}\hat{t}^* W + W \hat{a}^{\pm}$ production and constraints on anomalous quartic gauge couplings in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	42
218	Search for supersymmetry in pp collisions at $\sqrt{s} = 13$ TeV in the single-lepton final state using the sum of masses of large-radius jets. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
219	Search for direct pair production of supersymmetric top quarks decaying to all-hadronic final states in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 460.	3.9	18
220	Azimuthal decorrelation of jets widely separated in rapidity in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	20
221	Phenomenological MSSM interpretation of CMS searches in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	12
222	Measurement of the mass of the top quark in decays with a J/ψ meson in pp collisions at 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	6
223	Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2016, 76, 1.	3.9	26
224	Measurement of $\overline{t}t$ production with additional jet activity, including b quark jets, in the dilepton decay channel using pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 379.	3.9	34
225	Measurement of the differential cross section and charge asymmetry for inclusive $p \rightarrow p$ production at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 469.	3.9	83
226	Observation of top quark pairs produced in association with a vector boson in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	23
227	Search for $W \hat{a}^{\pm} tb$ in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	3
228	Correlations between jets and charged particles in PbPb and pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
229	Search for the production of an excited bottom quark decaying to tW in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	5
230	Search for excited leptons in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	16
231	Measurement of the $\overline{t}t$ production cross section in the all-jets final state in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 128.	3.9	41
232	Event generator tunes obtained from underlying event and multiparton scattering measurements. European Physical Journal C, 2016, 76, 155.	3.9	499
233	Search for massive WH resonances decaying into the $b \overline{b}$ final state at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 237.	3.9	30
234	Search for a massive resonance decaying into a Higgs boson and a W or Z boson in hadronic final states in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	16

#	ARTICLE	IF	CITATIONS
235	Measurement of top quark polarisation in t-channel single top quark production. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
236	Search for heavy Majorana neutrinos in $e\hat{A}\pm e\hat{A}\pm$ jets and $e\hat{A}\pm \hat{1}/4 \hat{A}\pm$ jets events in proton-proton collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	35
237	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into l, ν leptons in pp collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
238	Measurement of differential cross sections for Higgs boson production in the diphoton decay channel in pp collisions at $\sqrt{s}=8, \text{ext } \{TeV\} s = 8 \text{ TeV}$. European Physical Journal C, 2016, 76, 13.	3.9	62
239	Search for new physics in final states with two opposite-sign, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $s = 13 \sqrt{s}=13 \text{ TeV}$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
240	Search for physics beyond the standard model in events with two leptons, jets, and missing transverse momentum in pp collisions at $s \sqrt{s} s = 8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	24
241	Search for third-generation scalar leptoquarks in the $t\bar{t}$ channel in proton-proton collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	24
242	Searches for supersymmetry using the M T2 variable in hadronic events produced in pp collisions at 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	34
243	Searches for third-generation squark production in fully hadronic final states in proton-proton collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	37
244	Search for the production of dark matter in association with top-quark pairs in the single-lepton final state in proton-proton collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	20
245	Search for a charged Higgs boson in pp collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	81
246	Search for supersymmetry in the vector-boson fusion topology in proton-proton collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	12
247	Search for a light charged Higgs boson decaying to $c s \hat{A}^- \overline{\text{c}}$ in pp collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1-37.	4.7	44
248	Search for vector-like T quarks decaying to top quarks and Higgs bosons in the all-hadronic channel using jet substructure. Journal of High Energy Physics, 2015, 2015, 1.	4.7	24
249	Search for neutral color-octet weak-triplet scalar particles in proton-proton collisions at $s = 8 \sqrt{s}=8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	1
250	Search for a Higgs boson in the mass range from 145 to 1000 GeV decaying to a pair of W or Z bosons. Journal of High Energy Physics, 2015, 2015, 1.	4.7	92
251	Precise determination of the mass of the Higgs boson and tests of compatibility of its couplings with the standard model predictions using proton collisions at 7 and 8 $\sqrt{s}, \text{ext } \{TeV\} \text{ TeV}$. European Physical Journal C, 2015, 75, 212.	3.9	541
252	Measurement of the $Z\hat{1}^3$ production cross section in pp collisions at 8 TeV and search for anomalous triple gauge boson couplings. Journal of High Energy Physics, 2015, 2015, 1.	4.7	11

#	ARTICLE	IF	CITATIONS
253	Measurement of the inclusive 3-jet production differential cross section in proton-proton collisions at 7 TeV and determination of the strong coupling constant in the TeV range. European Physical Journal C, 2015, 75, 186.	3.9	68
254	Measurement of the differential cross section for top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 542.	3.9	191
255	Measurements of the $Z Z$ production cross sections in the $2\ell 2\ell$ channel in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV. European Physical Journal C, 2015, 75, 511.	3.9	32
256	Comparison of the $Z \ell^+ \ell^- + \text{jets}$ to $\ell^+ \ell^- + \text{jets}$ cross sections in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	6
257	Search for neutral MSSM Higgs bosons decaying into a pair of bottom quarks. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
258	Search for a standard model Higgs boson produced in association with a top-quark pair and decaying to bottom quarks using a matrix element method. European Physical Journal C, 2015, 75, 251.	3.9	73
259	Measurement of electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 66.	3.9	31
260	Measurements of differential and double-differential Drell-Yan cross sections in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 147.	3.9	88
261	Search for decays of stopped long-lived particles produced in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 151.	3.9	44
262	Measurement of the W boson helicity in events with a single reconstructed top quark in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	26
263	Measurement of the ratio of the production cross sections times branching fractions of $B_c \rightarrow \ell^+ \ell^- \nu \bar{\nu}$ and $B \rightarrow \ell^+ \ell^- \nu \bar{\nu}$ in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 147.	4.7	17
264	Search for disappearing tracks in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	46
265	Study of Z production in PbPb and pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV in the dimuon and dielectron decay channels. Journal of High Energy Physics, 2015, 2015, 1.	4.7	27
266	Search for physics beyond the standard model in dilepton mass spectra in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	78
267	Measurement of the underlying event activity using charged-particle jets in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	10
268	Search for dark matter, extra dimensions, and unparticles in monojet events in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 235.	3.9	320
269	Constraints on parton distribution functions and extraction of the strong coupling constant from the inclusive jet cross section in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 288.	3.9	54
270	Nuclear effects on the transverse momentum spectra of charged particles in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2015, 75, 237.	3.9	58

#	ARTICLE	IF	CITATIONS
271	Distributions of topological observables in inclusive three- and four-jet events in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 302.	3.9	6
272	Constraints on the pMSSM, AMSB model and on other models from the search for long-lived charged particles in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 325.	3.9	43
273	Search for heavy neutrinos and W bosons with right-handed couplings in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2014, 74, 3149.	3.9	179
274	Measurement of top quark-antiquark pair production in association with a W or Z boson in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2014, 74, 3060.	3.9	43
275	Measurement of differential cross sections for the production of a pair of isolated photons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 3129.	3.9	65
276	Search for neutral MSSM Higgs bosons decaying to a pair of tau leptons in pp collisions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	81
277	Measurement of pseudorapidity distributions of charged particles in proton-proton collisions at $\sqrt{s} = 8$ TeV by the CMS and TOTEM experiments. European Physical Journal C, 2014, 74, 1.	3.9	49
278	Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and W , Z , and Higgs bosons in pp collisions at 8 TeV. European Physical Journal C, 2014, 74, 3036.	3.9	241
279	Measurement of prompt J/ψ pair production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	61
280	Observation of the diphoton decay of the Higgs boson and measurement of its properties. European Physical Journal C, 2014, 74, 3076.	3.9	342
281	Search for the associated production of the Higgs boson with a top-quark pair. Journal of High Energy Physics, 2014, 2014, 1.	4.7	51
282	Study of hadronic event-shape variables in multijet final states in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	3
283	Search for standard model production of four top quarks in the lepton + jets channel in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	17
284	Identification techniques for highly boosted W bosons that decay into hadrons. Journal of High Energy Physics, 2014, 2014, 1.	4.7	43
285	Measurement of Higgs boson production and properties in the WW decay channel with leptonic final states. Journal of High Energy Physics, 2014, 2014, 1.	4.7	169
286	Measurement of the τ production cross section in the dilepton channel in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	52
287	Studies of azimuthal dihadron correlations in ultra-central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	77
288	Measurement of associated W + charm production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	55

#	ARTICLE	IF	CITATIONS
289	Search for new physics in events with same-sign dileptons and jets in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	48
290	Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	75
291	Measurement of WZ and ZZ production in pp collisions at $\sqrt{s} = 8$ TeV in final states with b-tagged jets. European Physical Journal C, 2014, 74, 2973.	3.9	23
292	Search for invisible decays of Higgs bosons in the vector boson fusion and associated ZH production modes. European Physical Journal C, 2014, 74, 2980.	3.9	171
293	Measurement of jet multiplicity distributions in $\overline{t}t$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 3014.	3.9	16
294	Study of double parton scattering using W + 2-jet events in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	85
295	Event activity dependence of Υ (nS) production in $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV pPb and $\sqrt{s} = 2.76$ TeV pp collisions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	56
296	Measurements of the $\overline{t}t$ charge asymmetry using the dilepton decay channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	20
297	Evidence for the 125 GeV Higgs boson decaying to a pair of \tilde{l} , leptons. Journal of High Energy Physics, 2014, 2014, 1.	4.7	123
298	Search for $W\hat{\epsilon}^{\pm}tb$ decays in the lepton + jets final state in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	26
299	Measurement of the triple-differential cross section for photon + jets production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	31
300	Search for new physics in the multijet and missing transverse momentum final state in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	100
301	Measurement of the t-channel single-top-quark production cross section and of the $ V_{tb} $ CKM matrix element in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	70
302	Measurement of the production cross sections for a Z boson and one or more b jets in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	39
303	Search for pair production of excited top quarks in the lepton + jets final state. Journal of High Energy Physics, 2014, 2014, 1.	4.7	4
304	Search for massive resonances in dijet systems containing jets tagged as W or Z boson decays in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	85
305	Search for massive resonances decaying into pairs of boosted bosons in semi-leptonic final states at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	69
306	Measurement of the top-quark mass in all-jets $t\bar{t}$ events in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2758.	3.9	35

#	ARTICLE	IF	CITATIONS
307	Study of the production of charged pions, kaons, and protons in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 2847.	3.9	85
308	Probing color coherence effects in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2901.	3.9	17
309	Measurement of the (\overline{t}) production cross section in the dilepton channel in pp collisions at $(\sqrt{s}) = 8$ TeV. , 2014, 2014, 1.		3
310	Search for the associated production of the Higgs boson with a top-quark pair. , 2014, 2014, 1.		6
311	Search for microscopic black holes in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	44
312	Measurement of the Λ_{b}^0 lifetime in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	17
313	Searches for long-lived charged particles in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	118
314	Study of exclusive two-photon production of $W+W\hat{a}$ in pp collisions at $\sqrt{s} = 7$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2013, 2013, 1.	4.7	75
315	Observation of a new boson with mass near 125 GeV in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	320
316	Search for the standard model Higgs boson produced in association with a top-quark pair in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	39
317	Studies of jet mass in dijet and $W/Z + \text{jet}$ events. Journal of High Energy Physics, 2013, 2013, 1.	4.7	58
318	Measurement of the $\overline{\text{t}}$ production cross section in the all-jet final state in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	16
319	Measurement of the $X(3872)$ production cross section via decays to $J/\psi\bar{\psi} + \bar{\psi}\hat{a}$ in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	73
320	Study of the underlying event at forward rapidity in pp collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	50
321	Search for new physics in events with photons, jets, and missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	15
322	Search for new physics in events with same-sign dileptons and b jets in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	33
323	Search in leptonic channels for heavy resonances decaying to long-lived neutral particles. Journal of High Energy Physics, 2013, 2013, 1.	4.7	32
324	Search for exotic resonances decaying into WZ/ZZ in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	20

#	ARTICLE	IF	CITATIONS
325	Search for the Higgs boson in the all-hadronic final state using the full CDF data set. Journal of High Energy Physics, 2013, 2013, 1.	4.7	5
326	Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in events with a single lepton, jets, and missing transverse momentum. European Physical Journal C, 2013, 73, 2404.	3.9	20
327	Search for a standard-model-like Higgs boson with a mass in the range 145 to 1000 GeV at the LHC. European Physical Journal C, 2013, 73, 2469.	3.9	68
328	Measurement of the production cross section for $\mathcal{Z}\gamma o \overline{u}\gamma$ in pp collisions at $\sqrt{s} = 7$ TeV and limits on $ZZ\gamma^3$ and $Z\gamma^3$ triple gauge boson couplings. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14
329	Measurement of the W-boson helicity in top-quark decays from $\overline{t} \rightarrow W^+ b$ production in lepton+jets events in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	30
330	Search for supersymmetry in hadronic final states with missing transverse energy using the variables \hat{I}_{\pm} T and b-quark multiplicity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2013, 73, 2568.	3.9	147
331	Measurement of the hadronic activity in events with a Z and two jets and extraction of the cross section for the electroweak production of a Z with two jets in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	16
332	Measurement of masses in the $\overline{t}t$ system by kinematic endpoints in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2494.	3.9	55
333	Search for physics beyond the standard model in events with \hat{I}_{\pm} , leptons, jets, and large transverse momentum imbalance in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2493.	3.9	22
334	Measurement of the $t\bar{t}$ production cross section in the \hat{I}_{\pm} +jets channel in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1.	3.9	24
335	Jet and underlying event properties as a function of charged-particle multiplicity in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2674.	3.9	32
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#	ARTICLE	IF	CITATIONS
343	Search for supersymmetry in final states with missing transverse energy and 0, 1, 2, or ≥ 3 b-quark jets in 7 TeV pp collisions using the variable $\hat{\tau}_T$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	34
344	Search for heavy quarks decaying into a top quark and a W or Z boson using lepton + jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	13
345	Measurement of the sum of WW and WZ production with W+dijet events in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2283.	3.9	64
346	Measurement of differential top-quark-pair production cross sections in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 1.	3.9	125
347	Search for new physics in events with same-sign dileptons and b jets in pp collisions at $\sqrt{s}=8$ TeV. , 2013, 2013, 1.		2
348	Inclusive b-jet production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	39
349	Search for quark compositeness in dijet angular distributions from pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	18
350	Suppression of non-prompt J/ψ , prompt J/ψ , and $\Upsilon(1S)$ in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	200
351	Search for heavy bottom-like quarks in 4.9 fb^{-1} of pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	45
352	Measurement of the cross section for production of $b \bar{b} X$ decaying to muons in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	6
353	Measurement of the $Z \rightarrow b \bar{b}$ cross section in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	39
354	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	31
355	Search for anomalous production of multilepton events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	68
356	Search for a light charged Higgs boson in top quark decays in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	117
357	Search for leptonic decays of $W \rightarrow e \nu_e$ bosons in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	49
358	Search for stopped long-lived particles produced in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	17
359	Search for new physics in events with same-sign dileptons and b-tagged jets in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	30
360	Measurement of the underlying event activity in pp collisions at $\sqrt{s}=0.9$ and 7 TeV with the novel jet-area/median approach. Journal of High Energy Physics, 2012, 2012, 1.	4.7	13

#	ARTICLE	IF	CITATIONS
361	Search for anomalous t production in the highly-boosted all-hadronic final state. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
362	Search for dark matter and large extra dimensions in monojet events in pp collisions at $\sqrt{s} = \{7\}$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	168
363	Search for a fermiophobic Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	15
364	Search for supersymmetry in hadronic final states using M_{T2} in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	95
365	Measurement of jet fragmentation into charged particles in pp and PbPb collisions at $\sqrt{s_{\mathrm{NN}}}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	85
366	Search for scalar top quark production in pp collisions at $\sqrt{s}=1.96$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	16
367	Measurement of the $\overline{t}t$ production cross section in the dilepton channel in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	69
368	Search for exclusive or semi-exclusive $\tilde{\chi}_3^0$ production and observation of exclusive and semi-exclusive e^+e^- production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	51
369	Search for the standard model Higgs boson produced in association with W and Z bosons in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	7
370	Search for electroweak production of charginos and neutralinos using leptonic final states in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	41
371	Search for new physics with long-lived particles decaying to photons and missing energy in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	11
372	Search for resonant $\overline{t}t$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26
373	Observation of Z decays to four leptons with the CMS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	34
374	Measurement of the single-top-quark t-channel cross section in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	83
375	Search for third-generation leptoquarks and scalar bottom quarks in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	14
376	Measurement of the top-quark mass in $\overline{t}t$ events with lepton+jets final states in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	38
377	Measurement of the underlying event in the Drellâ€“Yan process in protonâ€“proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	33
378	Study of the inclusive production of charged pions, kaons, and protons in pp collisions at $\sqrt{s} = 0.9, 2.76$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	154

#	ARTICLE	IF	CITATIONS
379	A search for a doubly-charged Higgs boson in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2012, 72, 1.	3.9	129
380	Measurement of the top-quark mass in $\overline{\text{t}}\text{t}$ events with dilepton final states in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2012, 72, 1.	3.9	42
381	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2012, 72, 1.	3.9	26

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#	ARTICLE	IF	CITATIONS
397	Prompt and non-prompt J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	3.9	135
398	Measurement of the $\mathit{\tau}$ production cross section in pp collisions at $\sqrt{s}=7$ TeV using the kinematic properties of events with leptons and jets. European Physical Journal C, 2011, 71, 1.	3.9	37
399	Charged particle multiplicities in pp interactions at $\sqrt{s} = 0.9$, 2.36, and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	106
400	Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	122
401	Search for heavy stable charged particles in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	38
402	Inclusive b-hadron production cross section with muons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	23
403	Measurement of $\overline{B}B$ angular correlations based on secondary vertex reconstruction at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	32
404	Measurement of the lepton charge asymmetry in inclusive W production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	59
405	Measurement of Bose-Einstein correlations in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	30
406	Strange particle production in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	139
407	Search for large extra dimensions in the diphoton final state at the Large Hadron Collider. Journal of High Energy Physics, 2011, 2011, 1.	4.7	22
408	Search for resonances in the dilepton mass distribution in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	39
409	Search for physics beyond the standard model in opposite-sign dilepton events in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	26
410	Search for new physics with same-sign isolated dilepton events with jets and missing transverse energy at the LHC. Journal of High Energy Physics, 2011, 2011, 1.	4.7	46
411	Search for supersymmetry in events with a lepton, a photon, and large missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	10
412	Measurement of the $t\bar{t}$ production cross section and the top quark mass in the dilepton channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	53
413	Long-range and short-range dihadron angular correlations in central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	65
414	Search for light resonances decaying into pairs of muons as a signal of new physics. Journal of High Energy Physics, 2011, 2011, 1.	4.7	13

#	ARTICLE	IF	CITATIONS
415	Search for supersymmetry in events with b jets and missing transverse momentum at the LHC. Journal of High Energy Physics, 2011, 2011, 1.	4.7	29
416	Search for same-sign top-quark pair production at $\sqrt{s} = 7$ TeV and limits on flavour changing neutral currents in the top sector. Journal of High Energy Physics, 2011, 2011, 1.	4.7	40
417	Charged particle transverse momentum spectra in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	56
418	Measurement of the inclusive Z cross section via decays to tau pairs in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	20
419	Dependence on pseudorapidity and on centrality of charged hadron production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	99
420	Search for new physics with jets and missing transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	49
421	Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in events with a single lepton, jets, and missing transverse momentum. Journal of High Energy Physics, 2011, 2011, 1.	4.7	32
422	Measurement of the underlying event activity at the LHC with $\sqrt{s} = 7$ TeV and comparison with $\sqrt{s} = 0.9$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	97
423	Measurement of the Drell-Yan cross section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	36
424	Measurement of the inclusive W and Z production cross sections in pp collisions at $\sqrt{s} = 7$ TeV with the CMS experiment. Journal of High Energy Physics, 2011, 2011, 1.	4.7	158
425	Measurement of energy flow at large pseudorapidities in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	25
426	Measurement of energy flow at large pseudorapidities in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. , 2011, 2011, 1.		5
427	Study of multi-muon events produced in $p\bar{p}$ interactions at $\sqrt{s}=1.96$ TeV. European Physical Journal C, 2010, 68, 109-118.	3.9	5
428	Comments and Reply on: "Study of multi-muon events produced in $p\bar{p}$ interactions at $\sqrt{s}=1.96$ TeV", T. Aaltonen et al. (The CDF Collaboration). European Physical Journal C, 2010, 68, 119-123.	3.9	0
429	First measurement of the underlying event activity at the LHC with $\sqrt{s} = 0.9$ TeV. European Physical Journal C, 2010, 70, 555-572.	3.9	50
430	CMS tracking performance results from early LHC operation. European Physical Journal C, 2010, 70, 1165-1192.	3.9	120
431	Transverse-momentum and pseudorapidity distributions of charged hadrons in pp collisions at $\sqrt{s} = 0.9$ and 2.36 TeV. Journal of High Energy Physics, 2010, 2010, 1.	4.7	230
432	Observation of long-range, near-side angular correlations in proton-proton collisions at the LHC. Journal of High Energy Physics, 2010, 2010, 1.	4.7	497

#	ARTICLE	IF	CITATIONS
433	Formulae for the analysis of the flavor-tagged decay $B \rightarrow D^* \ell \bar{\nu}_\ell$. Journal of High Energy Physics, 2010, 2010, 1.	4.7	8
434	PROPERTIES OF HEAVY B HADRONS. International Journal of Modern Physics A, 2009, 24, 4413-4435.	1.5	3
435	Physics of $B_{[sub s][sup 0]}$ Mesons and Bottom Baryons. , 2009, , .		0
436	Search for narrow resonances lighter than η' mesons. European Physical Journal C, 2009, 62, 319-326.	3.9	6
437	Determination of the jet energy scale at the Collider Detector at Fermilab. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 566, 375-412.	1.6	259
438	Future of B physics at CDF and D^* . Nuclear Physics, Section B, Proceedings Supplements, 2003, 120, 319-324.	0.4	1
439	CDF η' Run II status and prospects. Nuclear Physics, Section B, Proceedings Supplements, 2003, 120, 287-294.	0.4	2
440	Intermediate silicon layers detector for the CDF experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 453, 84-88.	1.6	125
441	BRIEF REPORT FROM THE TEVATRON. International Journal of Modern Physics A, 2000, 15, 43-50.	1.5	0
442	B LIFETIMES, MIXING AND CP VIOLATION AT CDF. International Journal of Modern Physics A, 1999, 14, 2791-2886.	1.5	14
443	The intermediate silicon layers detector at CDFII: Design and progress. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 435, 44-50.	1.6	3
444	Physics with ARGUS. Physics Reports, 1996, 276, 224-405.	25.6	52
445	SVX', the new CDF silicon vertex detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 137-140.	1.6	78
446	Measurement of the decay fractions of D^* mesons. Zeitschrift für Physik C-Particles and Fields, 1995, 66, 63-70.	1.5	4
447	A study of mixing using partial reconstruction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 324, 249-254.	4.1	52
448	Observation of $\bar{D}^* \rightarrow D^* \ell \bar{\nu}_\ell$ and $D^* \rightarrow D^* \ell \nu_\ell$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 451-457.	4.1	12
449	Inclusive production of $K^*(892)$, D^* , and $D_s^*(783)$ mesons in the η' energy region. Zeitschrift für Physik C-Particles and Fields, 1994, 61, 1-17.	1.5	24
450	A model-independent determination of the inclusive semileptonic decay fraction of B mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 318, 397-404.	4.1	47

#	ARTICLE	IF	CITATIONS
451	A determination of two Michel parameters in purely leptonic tau decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 608-614.	4.1	21
452	Observation of a new charmed baryon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 317, 227-232.	4.1	72
453	Analysis of the decay $\bar{D}_s^* \rightarrow \bar{D}_s^* \ell^+ \ell^- + \nu \bar{\nu}$, and determination of the $\rho(1260)$ resonance parameters. Zeitschrift für Physik C-Particles and Fields, 1993, 58, 61-70.	1.5	44
454	Inclusive production of charged pions, kaons and protons in $\bar{D}_s^*(4S)$ decays. Zeitschrift für Physik C-Particles and Fields, 1993, 58, 191-198.	1.5	13
455	Inclusive production of $\hat{D}^*(958)$ and $\rho(975)$ mesons in the \bar{D}_s^* energy region. Zeitschrift für Physik C-Particles and Fields, 1993, 58, 199-206.	1.5	6
456	A partial wave analysis of the decay $D^0 \rightarrow K^0 \ell^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 308, 435-443.	4.1	47
457	Observation of semileptonic decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 303, 368-376.	4.1	11
458	Measurement of R and determination of the charged-particle multiplicity in $e^+ e^-$ annihilation at 13-113-113-1 around 10 GeV. Zeitschrift für Physik C-Particles and Fields, 1992, 54, 13-19.	1.5	29
459	The measurement of $D^+ \rightarrow D^0 \ell^+ \ell^-$ and $D^0 \rightarrow D^+ \ell^+ \ell^-$ meson decays into $D^* \ell^+ \ell^-$. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 361-366.	1.5	9
460	A measurement of the tau mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 292, 221-228.	4.1	105
461	Observation of the decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 425-431.	4.1	13
462	Measurement of inclusive baryon production in B meson decays. Zeitschrift für Physik C-Particles and Fields, 1992, 56, 1-6.	1.5	13
463	New results on D^0 decays. Zeitschrift für Physik C-Particles and Fields, 1992, 56, 7-13.	1.5	7
464	Measurement of exclusive one-prong and inclusive three-prong branching ratios of the \bar{D}_s^* , lepton. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 367-374.	1.5	13
465	Measurement of the decay $\bar{D}_s^* \rightarrow \bar{D}_s^* \ell^+ \ell^- + \nu \bar{\nu}$, Zeitschrift für Physik C-Particles and Fields, 1992, 56, 339-345.	1.5	5
466	A measurement of asymmetry in the decay $\hat{D}^* \rightarrow \hat{D}^* \ell^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 274, 239-245.	4.1	36
467	A measurement of the inclusive semileptonic decay fraction of charmed hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 278, 202-208.	4.1	17
468	Measurement of the decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 275, 195-201.	4.1	26

#	ARTICLE	IF	CITATIONS
469	First evidence of $\bar{c}c$ production in B meson decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 277, 209-214.	4.1	17
470	Evidence for the production of the charmed, doubly strange baryon Λ_c^+ in e^+e^- annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 288, 367-372.	4.1	22
471	Study of ρ^0 and ω production in e^+e^- annihilation at 10 GeV center of mass energy. Zeitschrift für Physik C-Particles and Fields, 1991, 49, 349-353.	1.5	1
472	Observation of spin-parity 2^+ dominance in the reaction $\bar{c}c \rightarrow \rho^0 \pi^0$ near threshold. Zeitschrift für Physik C-Particles and Fields, 1991, 50, 1-10.	1.5	26
473	Inclusive production of D^0, D^+ and $D^{*+}(2010)$ mesons in B decays and nonresonant e^+e^- annihilation at 10.6 GeV. Zeitschrift für Physik C-Particles and Fields, 1991, 52, 353-360.	1.5	56
474	Reconstruction of semileptonic $\bar{b} \rightarrow u$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 255, 297-304.	4.1	69
475	Observation of the decays $D_s^+ \rightarrow \bar{c} \pi^+ e^+ \nu_e$ and $D_s^+ \rightarrow \bar{c} K^+ 0 e^+ \nu_e$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 255, 634-638.	4.1	35
476	Search for $\bar{b} \rightarrow s$ gluon in B meson decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 254, 288-292.	4.1	43
477	Search for $\bar{b} \rightarrow s X + X^+$ in exclusive decays of B mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 262, 148-154.	4.1	9
478	A spin-parity analysis of $\bar{c}c \rightarrow \rho^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 267, 535-540.	4.1	21
479	Observation of the decay $\bar{c}c \rightarrow \rho^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 260, 259-264.	4.1	19
480	Observations of $\bar{c}c$ semileptonic decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 269, 234-242.	4.1	29
481	A study of Cabibbo-suppressed D^0 decays. Zeitschrift für Physik C-Particles and Fields, 1990, 46, 9-14.	1.5	17
482	Inclusive $\bar{c}c$ and Λ_c^+ meson production in electron positron interactions at $\sqrt{s} = 10$ GeV. Zeitschrift für Physik C-Particles and Fields, 1990, 46, 15-23.	1.5	19
483	Measurement of $K^+ K^-$ production in $\bar{c}c$ collisions. Zeitschrift für Physik C-Particles and Fields, 1990, 48, 183-190.	1.5	25
484	Exclusive hadronic decays of B mesons. Zeitschrift für Physik C-Particles and Fields, 1990, 48, 543-551.	1.5	189
485	Observation of the decay $D_s^+ \rightarrow \bar{c} \pi^+ \bar{c} \pi^+$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 245, 315-320.	4.1	14
486	Measurement of $\bar{c}c$ production in e^+e^- annihilation at 10.5 GeV center-of-mass energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 247, 121-126.	4.1	23

#	ARTICLE	IF	CITATIONS
487	Determination of the tau-neutrino helicity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 250, 164-171.	4.1	46
488	Study of inclusive semileptonic B meson decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 249, 359-365.	4.1	51
489	Search for hadronic $b\bar{u}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 278-282.	4.1	524
490	Determination of the Michel parameter in tau decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 246, 278-284.	4.1	32
491	Observation of semileptonic charmless B meson decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 234, 409-416.	4.1	125
492	Observation of the charged isospin partner of the $D_s^-(2459)0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 231, 208-212.	4.1	22
493	Measurement of the decay $B_0 \rightarrow D_s^+ \pi^-$, $+1/2$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 229, 175-180.	4.1	34
494	Measurement of the lifetime ratio $\tau(B^0)/\tau(B^+)$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 232, 554-560.	4.1	22
495	Search for $b\bar{u}s^3$ in exclusive decays of B mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 229, 304-308.	4.1	75
496	Observation of a new charmed-strange meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 230, 162-168.	4.1	31
497	Observation of $\hat{1}^+(1232)_{++}$ production in e^+e^- annihilations around 10 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 230, 169-174.	4.1	6
498	Resonance decomposition of the $D_s^-(2420)0$ through a decay angular analysis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 232, 398-404.	4.1	49