Predrag Cirkovic

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5203075/publications.pdf

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250 papers

8,664 citations

50170 46 h-index 69108

g-index

263 all docs

263 docs citations

times ranked

263

8014 citing authors

#	Article	IF	CITATIONS
1	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton–proton collisions at \$\$sqrt{s}=13,ext {TeV} \$\$. European Physical Journal C, 2022, 82, 290.	1.4	18
2	Search for dark matter produced in association with a leptonically decaying \$\${mathrm{Z}} \$\$ boson in proton–proton collisions at \$\$sqrt{s}=13,ext {Te}ext {V} \$\$. European Physical Journal C, 2021, 81, 13.	1.4	33
3	Search for top squark pair production using dilepton final states in \$\${ext {p}}}{ext {p}}\$\$ collision data collected at \$\$sqrt{s}=13,ext {TeV} \$\$. European Physical Journal C, 2021, 81, 3.	1.4	33
4	Measurements of $f^{p}} {\mathrm{mathrm}\{p\}} $ ightarrow $f^{z}} {\mathrm{mathrm}\{z\}} $ mathrm $f^{z}} $ production cross sections and constraints on anomalous triple gauge couplings at $f^{z}\} $ = 13,ext $f^{z}\} $ European Physical Journal C, 2021, 81, 200.	1.4	24
5	Development and validation of HERWIGÂ7 tunes from CMS underlying-event measurements. European Physical Journal C, 2021, 81, 312.	1.4	12
6	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 $\{s\} = 13$,ext $\{Te\}$ ext $\{V\}$ $\$$ s. European Physical Journal C, 2021, 81, 378.	1.4	40
7	MUSiC: a model-unspecific search for new physics in proton–proton collisions at \$\$sqrt{s} = 13,ext {TeV} \$\$. European Physical Journal C, 2021, 81, 629.	1.4	18
8	Search for a heavy vector resonance decaying to a $\$\{mathrm{Z}\}_{mathrm{}}^{mathrm{}}$ $\hat{\beta}$	1.4	9
9	Measurements of angular distance and momentum ratio distributions in three-jet and $\{z\}$ + two-jet final states in $\{z\}$ ext $\{p\}$ collisions. European Physical Journal C, 2021, 81, 852.	1.4	2
10	A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution. Computing and Software for Big Science, 2020, 4, 10.	1.3	21
11	Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at $\hat{a} \leq x = 13$ TeV. Journal of Instrumentation, 2020, 15, P02027-P02027.	0.5	27
12	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 $\frac{1}{s}=13$, {ext TeV } \$. European Physical Journal C, 2020, 80, 752.	1.4	23
13	Performance of the CMS Level-1 trigger in proton-proton collisions at $\hat{a}\tilde{s}< i>s=13$ TeV. Journal of Instrumentation, 2020, 15, P10017-P10017.	0.5	84
14	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
15	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
16	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in $\$ and $\$ collisions at $\$ collisions	1.4	14
17	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
18	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

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19	Measurement of single-diffractive dijet production in proton–proton collisions at \$\$sqrt{s} = 8,ext {Te}ext {V} \$\$ with the CMS and TOTEM experiments. European Physical Journal C, 2020, 80, 1164.	1.4	5
20	Search for heavy neutrinos and third-generation leptoquarks in hadronic states of two \ddot{l} , leptons and two jets in proton-proton collisions at \$\$ sqrt{s}=13 \$\$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	33
21	Search for a W′ 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
22	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
23	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
24	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
25	Search for excited leptons in \hat{a} , " \hat{a} ," \hat{a} final states in proton-proton collisions at \$\$ sqrt{mathrm{s}}=13 \$\$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
26	Search for new particles decaying to a jet and an emerging jet. Journal of High Energy Physics, 2019, 2019, 1.	1.6	24
27	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 $s=13$, ext TeV $s=13$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	9
28	Measurement of exclusive $\{\{\{uprho_{}^{}\}\}_{\{\{left(\{770\}ight)\}}_{\}^{}}\}\}$ $\{0\}$ \$\$\$Aphotoproduction in ultraperipheral pPb collisions at \$\$sqrt{smash [b]{s_{_{mathrm}}}}} = 5.02,ext {Te}ext {V} \$\$. European Physical Journal C, 2019, 79, 702.	1.4	33
29	Measurement of exclusive $\mbox{mathrm {Upsilon }$\ 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
30	Measurement of the top quark mass in the all-jets final state at $\$\$qrt\{s\}=13$,ext $\{TeV\}$ $\$\$$ s = 13 TeV and combination with the lepton+jets channel. European Physical Journal C, 2019, 79, 313.	1.4	40
31	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in $f(x) = 13$, ext $f(x) = 13$,	1.4	8
32	Search for resonant production of second-generation sleptons with same-sign dimuon events in proton $\hat{s} \in \text{Proton}$ collisions at $\frac{s}{s} = 13$, ext TeV $s = 13$ TeV. European Physical Journal C, 2019, 79, 305.	1.4	4
33	Search for the associated production of the Higgs boson and a vector boson in proton-proton collisions at $\$\$$ sqrt $\{\$\}$ $\$\$$ = 13 TeV via Higgs boson decays to \ddot{I} , leptons. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
34	Search for the pair production of light top squarks in the $e\hat{A}\pm\hat{1}/4\hat{a}^{}$ final state in proton-proton collisions at \$\$ sqrt{s}=13 \$\$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
35	Combined measurements of Higgs boson couplings in proton–proton collisions at \$\$sqrt{s}=13,ext {Te}ext {V} \$\$. European Physical Journal C, 2019, 79, 421.	1.4	355
36	Search for supersymmetry in events with a photon, jets, \$\$mathrm {b}\$\$-jets, and missing transverse momentum in proton–proton collisions at 13\$\$,ext {Te}ext {V}\$\$. European Physical Journal C, 2019, 79, 444.	1.4	11

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37	Measurements of the pp \hat{a}^* 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
38	Measurement of the \$\${mathrm {t}overline{mathrm {t}}}\$\$ t t \hat{A}^- 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
39	Measurement of the energy density as a function of pseudorapidity in proton–proton collisions at \$\$sqrt{s} =13,ext {TeV} \$\$. European Physical Journal C, 2019, 79, 1.	1.4	12
40	Search for nonresonant Higgs boson pair production in the $\$$ mathrm{b}overline{mathrm{b}} sfinal state at $\$$ sqrt{s} $\$$ = 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
41	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,ext {Te}ext {V} \$\$ s = 13 Te. European Physical Journal C, 2019, 79, 280.	1.4	29
42	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
43	Search for vector-like quarks in events with two oppositely charged leptons and jets in proton–proton collisions at \$\$sqrt{s} = 13,ext {Te}ext {V} \$\$ s = 13 Te. European Physical Journal C, 2019, 79, 364.	1.4	48
44	Search for single production of vector-like quarks decaying to a top quark and a $\mbox{smathrm } \{W\} $ \$\ W boson in protona\(\mathre{\mathrm}\) proton collisions at \$\$\sqrt{s} = 13 ,ext {TeV} \$\$ s = 13 TeV. European Physical Journal C, 2019, 79, 90.	1.4	34
45	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
46	Search for rare decays of \$\$mathrm {Z}\$\$ Z and Higgs bosons to \$\${mathrm {J}/psi } \$\$ J / $\ddot{\Gamma}$ 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
47	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
48	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
49	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
50	Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in proton-proton collisions at $\$$ sqrt $\$$ = 13 $\$$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
51	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
52	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
53	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
54	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

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55	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
56	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
57	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
58	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
59	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
60	Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at \$\$\$qrt{s}=7\$\$ \$\$,ext {TeV}\$\$. European Physical Journal C, 2018, 78, 242.	1.4	10
61	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
62	Search for resonant and nonresonant Higgs boson pair production in the b b $\hat{A}^ \hat{a}$, " $\hat{1}$ / $2\hat{a}$,"	1.6	36
63	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} \$\$ s = 13 \$\$,ext {TeV}\$\$ TeV. European Physical Journal C, 2018, 78, 291.	1.4	27
64	Measurements of the $\mbox{mathrm } \{p\}$ ightarrow mathrm $\{Z\}$ mathrm $\{Z\}$ p p ↠Z Z production cross section and the $\mbox{mathrm} \{Z\}$ ightarrow 4ell $\mbox{lel } 2 ↠4 â," branching fraction, and constraints on anomalous triple gauge couplings at. European Physical Journal C, 2018, 78, 165.$	1.4	52
65	Measurement of associated Z + charm production in proton–proton collisions at \$\$sqrt{s} = 8\$\$ s = 8 \$\$,ext {TeV}\$\$ TeV. European Physical Journal C, 2018, 78, 287.	1.4	16
66	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.	1.6	5
67	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	O
68	Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $s=13$ \$\$ sqrt{s}=13 \$\$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
69	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	6
70	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
71	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
72	Measurement of differential cross sections in the kinematic angular variable i* for inclusive Z boson production in pp collisions at \$\$ sqrt{s}=8 \$\$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4

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73	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
74	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
75	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
76	Search for ZZ resonances in the $2\hat{a}$, " $2\hat{l}$ ½ final state in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2018 , 2018 , 1 .	1.6	4
77	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
78	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
79	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
80	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
81	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
82	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
83	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
84	Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state of two muons and two \ddot{l} , leptons in proton-proton collisions at \$\$ sqrt{s}=13 \$\$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
85	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
86	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
87	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
88	Measurement of the top quark mass with lepton+jets final states using \$\$mathrm {p}\$\$\$mathrm {p}\$\$\$mathrm {p}\$\$\$ collisions at \$\$sqrt{s}=13,ext {TeV} \$\$. European Physical Journal C, 2018, 78, 891.	1.4	34
89	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
90	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

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91	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
92	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
93	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
94	Search for $Z\hat{1}^3$ 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
95	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
96	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
97	Search for supersymmetry in events with a \ddot{l} , 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
98	Search for the decay of a Higgs boson in the \hat{a} , " \hat{a} ," \hat{a} channel in proton-proton collisions at \$\$ sqrt{s}=13 \$\$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
99	Search for third-generation scalar leptoquarks decaying to a top quark and a $\$$ au $\$$ i, lepton at $\$$ sqrt $\{s\}=13$,ext $\{Te\}$ ext $\{V\}$ $\$$ s = 13 Te. European Physical Journal C, 2018, 78, 707.	1.4	46
100	Measurement of differential cross sections for $\{Z\}$ S boson production in association with jets in proton-proton collisions at $\{S\}$ = 13,ext $\{TeV\}$ \$ s = 13 TeV. European Physical Journal C, 2018, 78, 965.	1.4	39
101	Studies of \$\${mathrm {B}} ^{*}_{{mathrm {s}}2}(5840)^0 \$\$ B s 2 \hat{a} — (5840) 0 and \$\${mathrm {B}}		

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109	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
110	Measurement of the \$\$mathrm $\{Z\}$ /gamma * ightarrow au au \$\$ Z / \hat{I}^3 \hat{a} — \hat{a} † \ddot{I} , \ddot{I} , 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
111	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
112	Search for dark matter produced in association with a Higgs boson decaying to $\hat{l}^3\hat{l}^3$ or \hat{l}_3 at \$\$ sqrt{s}=13 \$\$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
113	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
114	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
115	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
116	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
117	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
118	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
119	Measurement of the weak mixing angle using the forward–backward asymmetry of Drell–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
120	Measurement of prompt and nonprompt charmonium suppression in $\$$ ext {PbPb} $\$$ \$ collisions at 5.02 $\$$ 9, ext {Te}ext {V} $\$$ 8. European Physical Journal C, 2018, 78, 509.	1.4	83
121	Search for lepton flavour violating decays of the Higgs boson to 14 , and el, in proton-proton collisions at \$\$ sqrt{s}=13 \$\$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29
122	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying \ddot{l}_{ν} leptons at \$\$ sqrt{s}=13 \$\$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	38
123	Electroweak production of two jets in association with a Z boson in proton $\hat{a}\in \text{``proton collisions at $\$sqrt\{s\}=\$\$ s=13\$$,ext {TeV}\$\$ TeV. European Physical Journal C, 2018, 78, 1.$	1.4	17
124	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
125	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
126	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

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127	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 $$$ sqrt ${s}=13 $ \$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	23
128	Search for a singly produced third-generation scalar leptoquark decaying to a $\ddot{\text{I}}$, lepton and a bottom quark in proton-proton collisions at \$\$ sqrt{s}=13 \$\$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
129	Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at $$$ sqrt ${s}=13$ $$$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
130	Measurement of the inelastic proton-proton cross section at $\$$ sqrt $\{s\}=13$ $\$$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	62
131	Search for disappearing tracks as a signature of new long-lived particles in proton-proton collisions at $$$ sqrt ${s}=13$ \$\$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	31
132	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
133	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
134	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
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