Salvatore Costa

List of Publications by Year
in descending order

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161	3,628	145810 31	166372 53
papers	citations	h-index	g-index

169	169	169	9615
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Search for a massive scalar resonance decaying to a light scalar and a Higgs boson in the four b quarks final state with boosted topology. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 842, 137392.	4.0	8
2	Observation of triple J/ΐ meson production in proton-proton collisions. Nature Physics, 2023, 19, 338-350.	15.0	18
3	Search for nonresonant Higgs boson pair production in final state with two bottom quarks and two tau leptons in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak"	4.0	14
4	Search for electroweak production of charginos and neutralinos at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.25em"/><mml:mtext>TeV</mml:mtext></mml:math> in final states containing hadronic decays of WW, WZ, or WH and missing transverse momentum. Physics Letters, Section B: Nuclear, Elementary	4.0	21
5	Search for new heavy resonances decaying to WW, WZ, ZZ, WH, or ZH boson pairs in the all-jets final state in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.2em"/><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear,	4.0	52
6	Search for a heavy composite Majorana neutrino in events with dilepton signatures from proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mtext>ÂTeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 843, 137803.	4.0	2
7	Search for Higgs boson decays into Z and J/ΐ and for Higgs and Z boson decays into J/ΐ or Y pairs in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace	4.0	4
8	Precision measurement of the Z boson invisible width in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mtext>ÂTeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 842, 137534.	4.0	7
9	Search for narrow resonances in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn></mml:math> TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 842, 137563.	4.0	7
10	Measurement of the differential $$hbox {t}overline{hbox {t}}$$ production cross section as a function of the jet mass and extraction of the top quark mass in hadronic decays of boosted top quarks. European Physical Journal C, 2023, 83, .	4.2	13
11	Measurements of Higgs boson production in the decay channel with a pair of $$uptau $$ leptons in protonâ€“proton collisions at $$sqrt{s}=13$$ TeV. European Physical Journal C, 2023, 83, .	4.2	18
12	Probing Heavy Majorana Neutrinos and the Weinberg Operator through Vector Boson Fusion Processes in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.2em"/><mml:mtext>TeV</mml:mtext></mml:mrow></mml:math>. Physical Review Letters, 2023, 131, .	7.8	11
13	Search for light Higgs bosons from supersymmetric cascade decays in $$ext {pp}$$ collisions at $$sqrt{s}=13,extrm{TeV}$$. European Physical Journal C, 2023, 83, .	4.2	2
14	CMS pythia Â8 colour reconnection tunes based on underlying-event data. European Physical Journal C, 2023, 83, .	4.2	9
15	Search for new heavy resonances decaying to WW, WZ, ZZ, WH, or ZH boson pairs in the all-jets final state in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.2em"/><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear,	4.0	7
16	Search for narrow resonances in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>b</mml:mi></mml:math> -tagged dijet mass spectrum in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰</mml:mtext>	4.4	11
17	Search for nonresonant pair production of highly energetic Higgs bosons decaying to bottom quarks using the jet substructure technique in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>5.02</mml:mn><mml:mspace width="0.25em"/><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear,	4.0	4
18	Measurement of the mass dependence of the transverse momentum of lepton pairs in Drellâ€“Yan production in protonâ€“proton collisions at $$sqrt{s} = 13,ext {Tehspace{-.08em}V} $$. European Physical Journal C, 2023, 83, .	4.2	12

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19	Search for four-top quark production in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.2em"/><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 844, 138076.	4.0	6
20	Two-particle azimuthal correlations in l³p interactions using pPb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>8.16</mml:mn><mml:mspace width="0.25em"/><mml:mtext>TeV</mml:mtext></m. Physics Letters, Section B: Nuclear, Elementary Part	4.0	8
21	Search for Nonresonant Pair Production of Highly Energetic Higgs Bosons Decaying to Bottom Quarks. Physical Review Letters, 2023, 131, .	7.8	11
22	Measurements of the Higgs boson production cross section and couplings in the W boson pair decay channel in proton-proton collisions at $$sqrt{s}=13,ext {Tehspace{-.08em}V} $$. European Physical Journal C, 2023, 83, .	4.2	18
23	Observation and Observation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi></mml:math> Boson through Their Decay into a Charm Quark-Antiquark Pair in Boosted Topologies in Proton-Proton Collisions at	7.8	7
24	Search for Higgs Boson Decay to a Charm Quark-Antiquark Pair in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰</ Physical Review Letters, 2023, 131, .	7.8	21
25	Azimuthal correlations in Z +jets events in protonâ€“proton collisions at $$sqrt{s} = 13,ext {Te}hspace{-.08em}ext {V} $$. European Physical Journal C, 2023, 83, .	4.2	3
26	Constraints on anomalous Higgs boson couplings to vector bosons and fermions from the production of Higgs bosons using the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï„</mml:mi><mml:mi>Ï„</mml:mi></mml:math> final state. Physical Review D, 2023, 108, .	4.4	6
27	Measurement of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>W</mml:mi><mml:mi>W</mml:mi></mml:math> Production from Double Parton Scattering in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	7.8	7
28	Measurements of jet multiplicity and jet transverse momentum in multijet events in protonâ€“proton collisions at $${sqrt{s}=13, ext {TeV}}$$. European Physical Journal C, 2023, 83, .	4.2	2
29	Search for the Higgs boson decay to a pair of electrons in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace width="0.25em"/><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 846, 137753.	4.0	4
30	A search for new physics in central exclusive production using the missing mass technique with the CMS detector and the CMS-TOTEM precision proton spectrometer. European Physical Journal C, 2023, 83, .	4.2	2
31	Search for new physics using effective field theory in 13ÂTeV <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math> collision events that contain a top quark pair and a boosted	4.4	2
32	Search for direct pair production of supersymmetric partners of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï„</mml:mi></mml:math> leptons in the final state with two hadronically decaying <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï„</mml:mi></mml:math>	4.4	15
33	Azimuthal Correlations within Exclusive Dijets with Large Momentum Transfer in Photon-Lead Collisions. Physical Review Letters, 2023, 131, .	7.8	6
34	Measurement of the electroweak production of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>W</mml:mi><mml:mi>Î³</mml:mi></mml:math> in association with two jets in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	4.4	4
35	Observation of the Rare Decay of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰</ <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î·</mml:mi></mml:math> Meson to Dimuons. Physical Review Letters, 2023, 131, .	7.8	7
36	Search for Exotic Higgs Boson Decays <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>H</mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:mi mathvariant="script">A</mml:mi><mml:mi mathvariant="script">A</mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:mrow><mml:mn>4</mml:mn><mml:mi>Î³</mml:mi></mml:mrow></mml:mrow></mml:math> with Events Containing Two Merged Diphotons in Proton-Proton Collisions at	7.8	11

#	Article	IF	Citations
37	Reconstruction of decays to merged photons using end-to-end deep learning with domain continuation in the CMS detector. Physical Review D, 2023, 108, .	4.4	4
38	Measurement of differential cross sections for the production of a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi></mml:math> boson in association with jets in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰	4.4	1
39	Proton reconstruction with the CMS-TOTEM Precision Proton Spectrometer. Journal of Instrumentation, 2023, 18, P09009.	1.2	6
40	Search for pair-produced vector-like leptons in final states with third-generation leptons and at least three b quark jets in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace	4.0	9
41	Measurement of the charge asymmetry in top quark pair production in association with a single lepton and additional Higgs bosons in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>e</mml:mi><mml:mi>Î¼</mml:mi></mml:mrow></mml:math> final state in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰	4.4	15
42	Measurement of the Dependence of the Hadron Production Fraction Ratios <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>f</mml:mi></mml:mrow><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>f</mml:mi></mml:mrow><mml:mrow><mml:mi>d</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math> in Proton-Proton Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰	7.8	3
43	Observation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï„</mml:mi></mml:math> Lepton Pair Production in Ultraperipheral Pb-Pb Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi>N</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰	7.8	16
45	A search for decays of the Higgs boson to invisible particles in events with a top-antitop quark pair or a vector boson in proton-proton collisions at $$sqrt{s} = 13,ext {Te}hspace{-.08em}ext {V} $$. European Physical Journal C, 2023, 83, .	4.2	26
46	Measurement of the top quark mass using a profile likelihood approach with the leptonÂ+Âjets final states in protonâ€“proton collisions at $$sqrt{s}=13,ext {Te}hspace{-.08em}ext {V} $$. European Physical Journal C, 2023, 83, .	4.2	12
47	Observation of top quark pair production in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn><mml:mspace	4.0	21
48	First measurement of the forward rapidity gap distribution in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi><mml:mi>Pb</mml:mi></mml:mrow></mml:math> collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi>N</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo>=	4.4	0
49	Performance of the local reconstruction algorithms for the CMS hadron calorimeter with Run 2 data. Journal of Instrumentation, 2023, 18, P11017.	1.2	2
50	Probing Small Bjorken-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>x</mml:mi></mml:math> Nuclear Gluonic Structure via Coherent <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>J</mml:mi><mml:mo>/</mml:mo><mml:mi>Ψ</mml:mi></mml:mrow></mml:math> Photonuclear Production at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi>N</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt></mml:math> = 5.02 TeV Pb-Pb Collisions. Physical Review Letters, 2023, 131, .	7.8	9
51	Probing Small Bjorken-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>x</mml:mi></mml:math> Nuclear Gluonic Structure via Coherent <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>J</mml:mi><mml:mo>/</mml:mo><mml:mi>Ψ</mml:mi></mml:mrow></mml:math> Photonuclear Production at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi>N</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt></mml:math> = 5.02 TeV Pb-Pb Collisions. Physical Review Letters, 2023, 131, .	4.4	1
52	Probing Small Bjorken-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>x</mml:mi></mml:math> Nuclear Gluonic Structure via Coherent <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>J</mml:mi><mml:mo>/</mml:mo><mml:mi>Ψ</mml:mi></mml:mrow></mml:math> Photonuclear Production at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi>N</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt></mml:math> = 5.02 TeV Pb-Pb Collisions. Physical Review Letters, 2023, 131, .	7.8	17
53	Search for a W′ boson decaying to a bottom quark and a top quark in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn></mml:math> TeV using hadronic decays of Lorentz-boosted W bosons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 826, 136888.	4.0	1
54	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, .	4.7	9

#	Article	IF	Citations
55	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, .	4.7	11
56	Search for long-lived particles decaying to leptons with large impact parameter in protonâ€“proton collisions at $$sqrt{s} = 13,ext {Te}ext {V} $$. European Physical Journal C, 2022, 82, .	4.2	23
57	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, .	4.7	7
58	A new calibration method for charm jet identification validated with proton-proton collision events at âˆšs = 13 TeV. Journal of Instrumentation, 2022, 17, P03014.	1.2	17
59	Search for strongly interacting massive particles generating trackless jets in protonâ€“proton collisions at $$sqrt{s} = 13,ext {TeV} $$. European Physical Journal C, 2022, 82, .	4.2	4
60	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in protonâ€“proton collisions at $$sqrt{s}=13,ext {TeV} $$. European Physical Journal C, 2022, 82, .	4.2	24
61	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, .	4.7	33
62	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	10
63	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, .	4.7	23
64	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, .	4.7	9
65	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, .	4.7	10
66	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, .	4.7	25
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