Paolo Carniti

List of Publications by Year
in descending order

341 papers	12,672 citations	31976 53 h-index	31849 101 g-index
350 all docs	350 docs citations	350 times ranked	8485 citing authors

#	Article	IF	Citations
1	CUORE opens the door to tonne-scale cryogenics experiments. Progress in Particle and Nuclear Physics, 2022, 122, 103902.	14.4	16
2	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi>B</mml:mi><mml:mi>s</mml:mi><mml:mn>0</mml:mn></mml:msubsup><mml:mo stretchy="false">â†’</mml:mo><mml:msup><mml:mi>Î¼</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>Î¼</mml:m decay properties and search for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>B</mml:mi><mml:mn>0</mml:mn></mml:msup><mml:mo. Physical Review D, 2022, 105, .	4.7	51
3	Analysis of Neutral <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi></mml:math> -Meson Decays into Two Muons. Physical Review Letters, 2022, 128, .	7.8	46
4	Evidence for a New Structure in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo stretchy="false">/</mml:mo><mml:mi>Ïˆ</mml:mi><mml:mi>p</mml:mi></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo stretchy="false">/</mml:mo><mml:mi>Ïˆ</mml:mi><mml:mover accent="true"><mml:mi>p</mml:mi><mml:mo stretchy="false">Â¯</mml:mo></mml:mover></mml:math> S	7.8	33
5	Identification of charm jets at LHCb. Journal of Instrumentation, 2022, 17, P02028.	1.2	2
6	Study of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi></mml:math> Bosons Produced in Association with Charm in the Forward Region. Physical Review Letters, 2022, 128, 082001.	7.8	11
7	A laboratory course on detector readout for undergraduate students of experimental physics. European Journal of Physics, 2022, 43, 035804.	0.6	0
8	Measurement of the photon polarization in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi mathvariant="normal">Î›</mml:mi><mml:mi>b</mml:mi><mml:mn>0</mml:mn></mml:msubsup><mml:mo stretchy="false">â†’</mml:mo><mml:mi mathvariant="normal">Î›</mml:mi><mml:mi>Î³</mml:mi></mml:math> decays. Physical Review D, 2022, 105, .	4.7	6
9	Search for Majorana neutrinos exploiting millikelvin cryogenics with CUORE. Nature, 2022, 604, 53-58.	27.8	74
10	Observation of Two New Excited <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi mathvariant="normal">Îž</mml:mi><mml:mi>b</mml:mi><mml:mn>0</mml:mn></mml:msubsup></mml:math> States Decaying to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi mathvariant="normal">Î›</mml:mi><mml:mi>b</mml:mi><mml:mn>0</mml:mn></mml:msubsup><mml:msup><mml:mi>K</mml:mi><mml:m	7.8	10
11	Search for massive long-lived particles decaying semileptonically at $${sqrt{s}}=13,hbox {TeV}$$. European Physical Journal C, 2022, 82, .	3.9	2
12	Tests of Lepton Universality Using <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>B</mml:mi><mml:mn>0</mml:mn></mml:msup><mml:mo stretchy="false">â†’</mml:mo><mml:msubsup><mml:mi>K</mml:mi><mml:mi>S</mml:mi><mml:mn>0</mml:mn></mml:msubsup><mml:m and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>B</mml:mi></mml:msup></mml:math>. Physical Review Letters, 2022, 128, .	7.8	45
13	Machine Learning Techniques for Pile-Up Rejection in Cryogenic Calorimeters. Journal of Low Temperature Physics, 2022, 209, 1024-1031.	1.4	2
14	Measurement of the charm mixing parameter <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>y</mml:mi><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:mrow></mml:msub using two-body <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>D. Physical Review D, 2022, 105, .	4.7	3
15	Angular Analysis of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi>D</mml:mi></mml:mrow><mml:mrow><mml:mn>0</mml:mn></mml:mrow></mml:msup><mml:mo stretchy="false">â†’</mml:mo><mml:msup><mml:mrow><mml:mi>Ï€</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo></mml:mrow></mml:msup><mml:m Physical Review Letters, 2022, 128, .	7.8	3
16	Study of the doubly charmed tetraquark $${{{{{{{m{T}}}}}}}_{{{{{{{m{c}}}}}}}{{{{{{{m{c}}}}}}}^{+}$$. Nature Communications, 2022, 13, .	12.8	107
17	ALDO2, a multi-function rad-hard linear regulator for SiPM-based HEP detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, , 167028.	1.6	0
18	Search for neutrinoless <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mi>Î²</mml:mi><mml:mo>+</mml:mo></mml:msup></mml:m EC decay of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Te</mml:mi><mml:mprescripts /><mml:none /><mml:mn>120</mml:mn></mml:mmultiscripts></mml:math> with CUORE. Physical Review C, 2022, 105, .	2.9	1

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19	Observation of a new <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msubsup><mml:mrow><mml:mi mathvariant="normal">Îž</mml:mi></mml:mrow><mml:mrow><mml:mi>b</mml:mi></mml:mrow><mml:mrow><mml:mn>0</mml:mn> state. Physical Review D, 2021, 103, .	4.7	21
20	Characterization of cubic Li$$_{2}$$^{100}MoO$$_4$$ crystals for the CUPID experiment. European Physical Journal C, 2021, 81, 1.	3.9	21
21	Search for double $$eta $$-decay modes of ^{64}Zn using purified zinc. European Physical Journal C, 2021, 81, 1.	3.9	5
22	Search for long-lived particles decaying to $$e ^pm $$ $$mu ^mp $$ $$u $$. European Physical Journal C, 2021, 81, 1.	3.9	9
23	Observation of Multiplicity Dependent Prompt <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ï‡</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi><mml:mn stretchy="false">(</mml:mo><mml:mn>3872</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 57.7 Td (stretchy="	7.8	24
24	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î</mml:mi><mml:mrow><mml:mo> Search for the rare decay B 0 â†’ J/Ïˆ• *. Chinese Physics C, 2021, 45, 043001.	3.7	2
25	Angular Analysis of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>B</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:mo stretchy="false">â†’</mml:mo><mml:msup><mml:mi>K</mml:mi><mml:mrow><mml:mo>*</mml:mo><mml:mo>+</mml:mo></ Decay. Physical Review Letters, 2021, 126, 161802.	7.8	96
26	Observation of the Î›b0â†’Î›c+K+Kâˆ’Ï€â− decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136172.	4.1	1
27	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>2</mml:mn><mml:mi>Î½</mml:mi><mml:mi>Î²</mml:mi><mml:mi>Î²</mml:mi></mml:math> Decay Half-Life of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Te</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>130</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>	7.8	29
28	Phonon-mediated crystal detectors with metallic film coating capable of rejecting Î± and Î² events induced by surface radioactivity. Applied Physics Letters, 2021, 118, .	3.3	9
29	Measurement of the prompt-production cross-section ratio Ïƒ(Ï‡c2)/Ïƒ(Ï‡c1) in pPb collisions at sNN=8.16 TeV. Physical Review C, 2021, 103, .	2.9	5
30	Novel technique for the study of pileup events in cryogenic bolometers. Physical Review C, 2021, 104, .	2.9	16
31	Search for double-beta decay of $$mathrm {^{130}Te}$$ to the $$0^+$$ states of $$mathrm {^{130}Xe}$$ with CUORE. European Physical Journal C, 2021, 81, 1.	3.9	6
32	Measurement of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math> asymmetry in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>D</mml:mi><mml:mn>0</mml:mn></mml:msup><mml:mo stretchy="false">â†’</mml:mo><mml:msubsup><mml:mi>K</mml:mi><mml:mi mathvariant="normal">S</mml:mi><mml:mn>0</mml:mn></mml:msubsup><mml:msubsup><mml:mi>K</mml:mi><mml:mi	4.7	3
33	An automated system to define the optimal operating settings of cryogenic calorimeters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1008, 165451.	1.6	5
34	Precise measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>f</mml:mi><mml:mi>s</mml:mi></mml:msub><mml:mo stretchy="false">/</mml:mo><mml:msub><mml:mi>f</mml:mi><mml:mi>d</mml:mi></mml:msub></mml:math> ratio of fragmentation fractions and of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>J</mml:mi><mml:mo stretchy="false">/</mml:mo><mml:mi>Ï</mml:mi><mml:msup><mml:mi>K</mml:mi><mml:mo>+</mml:mo></mml:msup></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo stretchy="false">/</mml:mo><mml:mi>Ïˆ</mml:mi></mml:math>. Physical Review Letters	4.7	32
35	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi>B</mml:mi><mml:mi>s</mml:mi><mml:mn>0</mml:mn></mml:msubsup></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo stretchy="false">/</mml:mo><mml:mi>Ïˆ</mml:mi></mml:math>. Physical Review Letters	7.8	93
36	Search for the doubly charmed baryon Î©+cc. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	10

#	Article	IF	Citations
37	Background identification in cryogenic calorimeters through $$alpha -alpha $$ delayed coincidences. European Physical Journal C, 2021, 81, 722.	3.9	7
38	Search for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math> violation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi mathvariant="normal">Îž</mml:mi><mml:mi>b</mml:mi><mml:mo>â^'</mml:mo></mml:msubsup><mml:mo stretchy="false">â†'</mml:mo><mml:mi>p</mml:mi><mml:msup><mml:mi>K</mml:mi><mml:mo>â^'</mml:mo></mml:msup><mml:m decays. Physical Review D, 2021, 104, .	4.7	6
39	Search for the doubly heavy baryons and decaying to and *. Chinese Physics C, 2021, 45, 093002.	3.7	23
40	Observation of the Mass Difference between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2021, 127, 111801.	7.8	23
41	Measurement of 216Po half-life with the CUPID-0 experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136642.	4.1	5
42	Branching Fraction Measurements of the Rare <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi>B</mml:mi><mml:mi>s</mml:mi><mml:mn>0</mml:mn></mml:msubsup><mml:mo stretchy="false">â†'</mml:mo><mml:mi>Ï•</mml:mi><mml:msup><mml:mi>Î¼</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:m and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi>B</mml:mi><mml:mi>s</mml:mi><mml:mn>0</mml:mn></mml:msubsup><mml:mo stretchy="false">â†'</mml:mo><mml:mi>Ï•</mml:mi><mml:msup><mml:mi>Î¼</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:m Decays. Physical Review Letters	7.8	77
43	Observation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math> violation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>D</mml:mi><mml:mn>0</mml:mn></mml:msup><mml:mo stretchy="false">â†'</mml:mo><mml:msup><mml:mi>K</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>K</mml:mi> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/M. Physical Review D, 2021, 104, .	4.7	9
44	First measurement of the $$C!P$$-violating phase in $${{B} ^0_{s}} !ightarrow {{J /psi }} ($$) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	3.9	2
45	Observation of excited <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi mathvariant="normal">Î©</mml:mi><mml:mi>c</mml:mi><mml:mn>0</mml:mn></mml:msubsup></mml:math> baryons in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi mathvariant="normal">Î©</mml:mi><mml:mi>b</mml:mi><mml:mo>â^'</mml:mo></mml:msubsup><mml:mo	4.7	19
46	The neutrinoless double beta decay CROSS experiment: demonstrator with surface sensitive bolometers. Journal of Physics: Conference Series, 2021, 2156, 012157.	0.4	0
47	Optimization of a single module of CUPID. Journal of Physics: Conference Series, 2021, 2156, 012228.	0.4	0
48	Observation of the suppressed <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi mathvariant="normal">Î›</mml:mi><mml:mi>b</mml:mi><mml:mn>0</mml:mn></mml:msubsup><mml:mo stretchy="false">â†'</mml:mo><mml:mi>D</mml:mi><mml:mi>p</mml:mi><mml:msup><mml:mi>K</mml:mi><mml:mo>â^'</mml:mo> decay with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>D</mml:mi><mml:mo stretchy="false">â†'</mml:mo><mml:msup><mml:mi>K</mml:m	4.7	4
49	Searching for New Physics in two-neutrino double beta decay with CUPID. Journal of Physics: Conference Series, 2021, 2156, 012233.	0.4	1
50	Photon detectors and front-end electronics for RICH detectors in high particle density environments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 952, 161788.	1.6	0
51	CUPID-0: A double-readout cryogenic detector for Double Beta Decay search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162441.	1.6	1
52	High-Resolution Digitization System for the CROSS Experiment. Journal of Low Temperature Physics, 2020, 199, 833-839.	1.4	6
53	CUORE: The first bolometric experiment at the ton scale for the search for neutrino-less double beta decay. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162440.	1.6	2
54	Search for the doubly charmed baryon $$Xi_{cc}^+$$. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	35

#	Article	IF	Citations
55	Lowering the Energy Threshold of the CUORE Experiment: Benefits in the Surface Alpha Events Reconstruction. Journal of Low Temperature Physics, 2020, 200, 321-330.	1.4	4
56	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at sNN=8.16â€‰â€‰TeV. Physical Review Letters, 2020, 125, 212001.	7.8	10
57	Search for neutrinoless double beta decay of ^{64}Zn and ^{70}Zn with CUPID-0. European Physical Journal C, 2020, 80, 1.	3.9	12
58	Final results of the CUPID-0 Phase I experiment. Journal of Physics: Conference Series, 2020, 1468, 012205.	0.4	1
59	Updated measurement of decay-time-dependent CP asymmetries in D0â†’K+Kâˆ’ and D0â†’Ï€+Ï€âˆ’ decays. Physical Review D, 2020, 101, .	4.7	8
60	Measurement of <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:mo stretchy="false">/</mml:mo><mml:msub><mml:mrow><mml:mi>f</mml:mi></mml:mrow><mml:mrow><mml:mi>u</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math> Variation with Proton-Proton Collision Energy and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi></mml:math>. Physical Review Letters, 2020, 124, 122002.	7.8	15
61	Observation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math> violation and observation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>P</mml:mi></mml:math> violation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi	4.7	10
62	Amplitude analysis of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>B</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:mo stretchy="false">â†’</mml:mo><mml:msup><mml:mi>D</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>D</mml:mi> decay. Physical Review D, 2020, 102, .	4.7	117
63	Constraints on the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi>K</mml:mi><mml:mi>S</mml:mi><mml:mn>0</mml:mn></mml:msubsup><mml:mo stretchy="false">â†’</mml:mo><mml:msup><mml:mi>Î¼</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>Î¼</mml:mi> Branching Fraction. Physical Review Letters, 2020, 125, 231801.	7.8	14
64	Model-Independent Study of Structure in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>B</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:mo stretchy="false">â†’</mml:mo><mml:msup><mml:mi>D</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>D</mml:mi> Decays. Physical Review Letters, 2020, 125, 242001.	7.8	111
65	Search for the Rare Decays <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msubsup><mml:mrow><mml:mi>B</mml:mi></mml:mrow><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mo stretchy="false">â†’</mml:mo><mml:msup><mml:mrow><mml:mi>e</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo>	7.8	16
66	Measurement of the branching fraction of the decay <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi>B</mml:mi><mml:mi>s</mml:mi><mml:mn>0</mml:mn></mml:msubsup><mml:mo stretchy="false">â†’</mml:mo><mml:msubsup><mml:mi>K</mml:mi><mml:mi mathvariant="normal">S</mml:mi><mml:mn>0</mml:mn></mml:msubsup><mml:msubsup><mml:mi>K</mml:mi><mml:mi	4.7	3
67	First branching fraction measurement of the suppressed decay <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi>B</mml:mi><mml:mi>s</mml:mi><mml:mn>0</mml:mn></mml:msubsup><mml:mo stretchy="false">â†’</mml:mo><mml:msubsup><mml:mi>D</mml:mi><mml:mi>s</mml:mi><mml:mo>+</mml:mo></mml:msubsup><mml:msup><mml:mi>K</mml:mi><mml:mo>−</mml:mo></mml:msup><mml:msup><mml:mi>Ï€</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>Ï€</mml:mi><mml:mo>−</mml:mo></mml:msup><mml:mo stretchy="false">)</mml:mo><mml:mo>/</mml:mo><mml:mi>B</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:msubsup><mml:mi>B</mml:mi><mml:mi>s</mml:mi><mml:mn>0</mml:mn></mml:msubsup><mml:mo stretchy="false">â†’</mml:mo><mml:msubsup><mml:mi>D</mml:mi><mml:mi>s</mml:mi><mml:mo>+</mml:mo></mml:msubsup><mml:msup><mml:mi>K</mml:mi><mml:mo>−</mml:mo></mml:msup><mml:msup><mml:mi>Ï€</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>Ï€</mml:mi><mml:mo>−</mml:mo></mml:msup><mml:mo stretchy="false">)</mml:mo></mml:math>. Physical Review D, 2020, 102, .	4.7	3
68	First observation of the suppressed decay <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi mathvariant="normal">Îž</mml:mi><mml:mi>c</mml:mi><mml:mn>0</mml:mn></mml:msubsup><mml:mo stretchy="false">â†’</mml:mo><mml:msup><mml:mi>Ï€</mml:mi><mml:mo>â^’</mml:mo></mml:msup><mml:msubsup><mml:mi mathvariant="normal">Î</mml:mi><mml:mi>c</mml:mi><mml:mo>+</mml:mo></mml:msubsup></mml:math>. Physical Review D, 2020, 102, .	4.7	18
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70	First Observation of Excited <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msubsup><mml:mrow><mml:mi mathvariant="normal">Î©</mml:mi></mml:mrow><mml:mrow><mml:mi>b</mml:mi></mml:mrow><mml:mrow><mml:mo>â^’</mml:mo> States. Physical Review Letters, 2020, 124, 082002.	7.8	44
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78	Measurement of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo stretchy="false">|</mml:mo><mml:msub><mml:mrow><mml:mi>V</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi><mml:m stretchy="false">|</mml:mo></mml:mrow></mml:math> with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msubsup><mml:mrow><mml:mi>B</mml:mi></mml:mrow><mml:mrow><mml:mi>s</mml:mi></mml:mrow>	4.7	28
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105	Observation of New Resonances in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msubsup><mml:mrow><mml:mi mathvariant="normal">Î›</mml:mi></mml:mrow><mml:mrow><mml:mi>b</mml:mi></mml:mrow><mml:mrow><mml:mn>0</mml:mn></mml:m	7.8	49
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118	Measurement of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>B</mml:mi><mml:mo>+</mml:mo></mml:msup></mml:math> , <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>B</mml:mi><mml:mn>0</mml:mn></mml:msup></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi	4.7	17
119	Observation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math> Violation in Charm Decays. Observation of a Narrow Pentaquark State, <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>P</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi></mml:m	7.8	157
120	stretchy="false">(</mml:mo><mml:mn>4312</mml:mn><mml:msup><mml:mrow><mml:mo>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 297	7.8	157
121	, and of the Two-Peak Structure of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/Ma. Observation of an Excited <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi>B</mml:mi><mml:mi>c</mml:mi><mml:mo>+</mml:mo></mml:msubsup></mml:math> State. Physical Review Letters, 2019, 122, 232001.	7.8	43
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136	Measurement of Charged Hadron Production in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi></mml:math> -Tagged 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>8</mml:mn><mml:mtext>â€‰</m Physical Review Letters, 2019, 123, 232001.	7.8	10
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151	Measurement of the ratio of branching fractions <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>B</mml:mi><mml:mn>0</mml:mn></mml:msup><mml:mo stretchy="false">â†’</mml:mo><mml:msup><mml:mi>D</mml:mi><mml:mrow><mml:mo>*</mml:mo><mml:mo>â¯</mml:mo></mml:mrow></mml:msup> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><	4.7	204
152	Measurement of the Ratio of Branching Fractions <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="script">B</mml:mi><mml:mo		

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185	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi mathvariant="normal">Î©</mml:mi><mml:mi>c</mml:mi><mml:mn>0</mml:mn></mml:msubsup></mml:math> Baryon Lifetime. Physical Review Letters, 2018, 121, 092003.	7.8	23
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211	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>J</mml:mi><mml:mo stretchy="false">/</mml:mo><mml:mi>Ïˆ</mml:mi><mml:mi>Ï•</mml:mi></mml:mrow></mml:math>Structures Consistent with Exotic States from Amplitude Analysis of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi>B</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo></m	7.8	150
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242	Observation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi>Î›</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi></mml:mrow></mml stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:mi>S</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (stre	4.1	18
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