

Juan JosÃ© Saborido Silva

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5396583/publications.pdf>

Version: 2024-02-01

519
papers

27,223
citations

7568

77
h-index

9861

141
g-index

530
all docs

530
docs citations

530
times ranked

9472
citing authors

#	ARTICLE	IF	CITATIONS
1	The LHCb Detector at the LHC. Journal of Instrumentation, 2008, 3, S08005-S08005.	1.2	969
2	Test of Lepton Universality Using $B \rightarrow K^* \ell^+ \ell^-$ Decays Physical Review Letters, 2014, 113, 151601. http://www.w3.org/1998/Math/MathML	7.8	845
3	Resonances Consistent with Pentaquark States in J/ψ Decays Measurement of the Ratio of Branching Fractions $R_{B^0} = \frac{\mathcal{B}(B^0 \rightarrow J/\psi K^0)}{\mathcal{B}(B^0 \rightarrow J/\psi K^+ K^-)}$	7.8	816
4			

#	ARTICLE	IF	CITATIONS
19	Measurement of the Fraction and Search for B_s States Decaying to \bar{K}^0 \bar{K}^0 . <i>Physical Review Letters</i> , 2013, 111, 101805.	7.8	258
20	Measurement of J/ψ production in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2011, 71, 1. Observation of Five New Narrow \bar{K}^0 \bar{K}^0 States Decaying to \bar{K}^0 \bar{K}^0 . <i>Physical Review Letters</i> , 2013, 111, 101805.	3.9	238
21	Spin structure of the proton from polarized inclusive deep-inelastic muon-proton scattering. <i>Physical Review D</i> , 1997, 56, 5330-5358.	7.8	234
22	Measurement of the Ratio of Branching Fractions R_{K^*} R_{K^*} . <i>Physical Review Letters</i> , 2013, 111, 101805.	4.7	233
23			

#	ARTICLE	IF	CITATIONS
37	Search for Hidden-Sector Bosons in $B \rightarrow K \ell \ell$ Decays. Physical Review Letters, 2015, 115, 161802.		138
38	Measurement of the track reconstruction efficiency at LHCb. Journal of Instrumentation, 2015, 10, P02007-P02007.	1.2	127
39	First Observation of the Doubly Charmed Baryon Decay $\Lambda_c^+ \rightarrow \Lambda_c^0 \ell^+ \ell^-$. Physical Review Letters, 2013, 110, 221601.	7.8	122
40	Next-to-leading order QCD analysis of the spin structure function g_1 . Physical Review D, 1998, 58, .	4.7	117
41	Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	3.9	117
42	Measurement of $b \rightarrow c$ hadron production fractions in 7 TeV collisions. Physical Review D, 2012, 85, .	4.7	116
43	Evidence for the decay $B \rightarrow K \ell^+ \ell^-$. Physical Review Letters, 2012, 109, 051801.	4.1	115
44	Search for Dark Photons Produced in 13 TeV Collisions. Physical Review Letters, 2018, 120, 061801.	2.5	114
45	Differential branching fraction and angular analysis of the decay $B \rightarrow K \ell^+ \ell^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	111
46	Updated measurements of exclusive J/ψ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s}=7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 055002.	3.6	111
47	Precision luminosity measurements at LHCb. Journal of Instrumentation, 2014, 9, P12005-P12005.	1.2	110
48	Evidence for Exotic Hadron Contributions to $B \rightarrow K \ell^+ \ell^-$ Decays. Physical Review Letters, 2014, 112, 131802.	7.8	110
49	Measurement of the $B \rightarrow K \ell^+ \ell^-$ Violating Phase α_s . Physical Review Letters, 2013, 110, 221601.	7.8	108
50	Measurement of $\bar{\Lambda}^0$ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 2025.	3.9	106
51	Search for Majorana Neutrinos in $B \rightarrow K \ell^+ \ell^-$ Decays. Physical Review Letters, 2014, 112, 131802.	7.8	106
52	First Observation of $B \rightarrow K \ell^+ \ell^-$ Violation in the Decays of $B \rightarrow K \ell^+ \ell^-$. Physical Review Letters, 2013, 110, 221601.	7.8	105
53	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	16.7	105

#	ARTICLE	IF	CITATIONS
55	Exclusive J/ψ and $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7\text{ TeV}$. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045001.	3.6	104
56	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = \{7\};\{\text{ext}\{\text{TeV}\}\}$ \$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	103
57	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow \bar{c} \ell^+ \ell^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	103
58	Model-independent Evidence for J/ψ production in $B \rightarrow J/\psi p$ decays. Contributions to the 10th International Workshop on Heavy Quark Physics. $B \rightarrow J/\psi p$ production. $B \rightarrow J/\psi p$ production. $B \rightarrow J/\psi p$ production.	7.8	102
59	Measurement of $B \rightarrow J/\psi p$ production. Violation in the Phase Space of $B \rightarrow J/\psi p$ production. $B \rightarrow J/\psi p$ production.	7.8	101
60	Measurements of prompt charm production cross-sections in pp collisions at $s = 13 \text{ TeV}$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	100
61	Dalitz plot analysis of $B \rightarrow D^0 \ell^+ \ell^-$. $B \rightarrow D^0 \ell^+ \ell^-$. $B \rightarrow D^0 \ell^+ \ell^-$. $B \rightarrow D^0 \ell^+ \ell^-$.	4.7	99
62	Observation of Excited $\Lambda(1520)$ baryons. Physical Review Letters, 2012, 109, 172003.	7.8	98
63	Spin asymmetries for events with high p_T hadrons in DIS and an evaluation of the gluon polarization. Physical Review D, 2004, 70, .	4.7	96
64	Polarisation of valence and non-strange sea quarks in the nucleon from semi-inclusive spin asymmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 369, 93-100.	4.1	95
65	Amplitude analysis of $B \rightarrow J/\psi K^0$. $B \rightarrow J/\psi K^0$. $B \rightarrow J/\psi K^0$.	4.7	92
66	First measurement of the $B \rightarrow J/\psi K^0$ decay. $B \rightarrow J/\psi K^0$. $B \rightarrow J/\psi K^0$.	4.1	90
67	Spin asymmetry in muon-proton deep inelastic scattering on a transversely-polarized target. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 336, 125-130.	4.1	89
68	Measurement of the fragmentation fraction ratio f_s/f_d and its dependence on B meson kinematics. Journal of High Energy Physics, 2013, 2013, 1.	4.7	89
69	Study of D^0 meson decays to $D^+ \ell^- \bar{\nu}_\ell$, $D^0 \ell^+ \nu_\ell$ and $D^0 \rightarrow \ell^+ \ell^-$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	4.7	82
70	Measurement of the $B \rightarrow J/\psi K^0$ decay. $B \rightarrow J/\psi K^0$. $B \rightarrow J/\psi K^0$.	7.8	82
71	Differential branching fraction and angular analysis of $B^0 \rightarrow \bar{c} \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2015, 2015, .	4.7	82
72	Search for the Decays $B \rightarrow J/\psi K^0$. $B \rightarrow J/\psi K^0$. $B \rightarrow J/\psi K^0$.	7.8	81

#	ARTICLE	IF	CITATIONS
73	Observation of Overlapping Spin-1 and Spin-3 χ_{c0} and χ_{c2} states in the Dalitz plot analysis of $B \rightarrow D \pi \pi$ decays. Physical Review D, 2015, 92, 074004.	7.8	80
74	Measurement of the branching fraction of $B \rightarrow D \pi \pi$ decays. Physical Review D, 2015, 92, 074004.	4.7	80
75	Measurement of the branching fraction of $B \rightarrow D \pi \pi$ decays. Physical Review D, 2015, 92, 074004.	4.7	79
76	Violation in the Phase Space of $B \rightarrow D \pi \pi$ decays. Physical Review Letters, 2014, 112, 011801.	7.8	78
77	Search for Structure in the $B \rightarrow D \pi \pi$ decays. Physical Review Letters, 2016, 117, 152003.	7.8	78
78	First observation of $B \rightarrow D \pi \pi$ decays. Physical Review Letters, 2014, 112, 011801.	4.1	77
79	Particle and High-Energy Physics, 2011, 698, 115-122. Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	3.7	77
80	Measurement of the Lifetime of the Doubly Charmed Baryon Λ_{cc}^+ . Physical Review Letters, 2018, 121, 022001.	7.8	76
81	Measurement of the branching fraction of $B \rightarrow D \pi \pi$ decays. Physical Review Letters, 2018, 121, 022001.	7.8	75
82	Observation of CP violation in $B \rightarrow D \pi \pi$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 203-212.	4.1	75
83	Measurements of the S-wave fraction in $B \rightarrow D \pi \pi$ decays and the $B \rightarrow D \pi \pi$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	4.7	75
84	The spin-dependent structure function $g_1(x)$ of the proton from polarized deep-inelastic muon scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 412, 414-424.	4.1	74
85	Measurement of $B \rightarrow D \pi \pi$ violation and the $B \rightarrow D \pi \pi$ components in $B \rightarrow D \pi \pi$ decays. Physical Review Letters, 2018, 121, 022001.	4.7	74
86	Measurement of resonant and non-resonant $B \rightarrow D \pi \pi$ components in $B \rightarrow D \pi \pi$ decays. Physical Review Letters, 2018, 121, 022001.	4.7	73
87	Measurement of the $\pi^+ \pi^- \rightarrow \pi^+ \pi^-$ production cross-section in proton-antiproton collisions via $\pi^+ \pi^- \rightarrow \pi^+ \pi^-$ decays. Physical Review Letters, 2018, 121, 022001.		

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91	Spin asymmetries of the proton and the deuteron in the low and low Q ² region from polarized high energy muon scattering. Physical Review D, 1999, 60, .	4.7	69
92	Quantum numbers of the $X(3872)$. Physical Review D, 2008, 78, 074003.	4.7	69
93	Measurement of the forward Z boson production cross-section in pp collisions at s = 7 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	69
94	Measurement of the resonant and non-resonant components in the $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review D, 2014, 90, 034008.	4.7	67
95	Combined analysis of world data on nucleon spin structure functions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 320, 400-406.	4.1	66
96	Analysis of the resonant components in the $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review D, 2012, 86, .	4.7	65
97	Measurement of the isospin asymmetry in $B \rightarrow K^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2012, 2012, 165	4.7	65
98	Production of J/ψ and Υ mesons in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	65
99	Observation of $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review Letters, 2011, 107, 041801.	7.8	65
100	Measurements of $B \rightarrow K^* \ell^+ \ell^-$ violation in the three-body phase space of charmless $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review D, 2014, 90, .	4.7	65
101	Violation in $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review Letters, 2015, 114, 041801.	7.8	65
102	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	16.7	64
103	First Observation of the Decay $B_c \rightarrow \tau^+ \nu_\tau$. Physical Review Letters, 2012, 108, 251802.	7.8	62
104	Determination of the Sign of the Decay Width Difference in the B_s System. Physical Review Letters, 2012, 108, 241801.	7.8	61
105	Measurement of $B \rightarrow K^* \ell^+ \ell^-$ in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	7.8	61
106	Search for the rare decays $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2013, 111, 032001.	4.1	60
107	Analysis of the resonant components in the $B \rightarrow K^* \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	4.7	60
108	Measurement of forward J/ψ production cross-sections in pp collisions at s = 13 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60

#	ARTICLE	IF	CITATIONS
109	Precision measurement of the $B^0 \rightarrow D^+ \pi^-$ oscillation frequency with the decay $B^0 \rightarrow D^+ \pi^-$. New Journal of Physics, 2013, 15, 053021.	2.9	59
110	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, .	4.7	59
111	Measurement of b-hadron masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	4.1	58
112	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	3.9	58
113	Evidence for an $\eta_c(1S)$ resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^-$		

#	ARTICLE	IF	CITATIONS
127	Measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle b \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ hadron fractions in 13 TeV $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ collisions. <i>Physical Review D</i> , 2019, 100, .	4.7	51
128	Differential Branching Fraction and Angular Analysis of the Decay $B^0 \rightarrow K^* \rho^+ \pi^-$. <i>Physical Review Letters</i> , 2012, 108, 181806.	7.8	50
129	Measurement of B meson production cross-sections in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	50
130	Precision measurement of the ratio of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle b \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ to $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle b \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ First observation and amplitude analysis of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle b \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ $\langle \text{mml:math} \rangle$ $\langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle A \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle$.	4.1	50
131	First Evidence of Direct $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Violation in Charmless Two-Body Decays of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Violation in Charmless Two-Body Decays of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ $\langle \text{mml:math} \rangle$ $\langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle s \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle$ $\langle \text{mml:math} \rangle$ Meson	4.7	50
132	Two-Body Decays of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Violation in Charmless Two-Body Decays of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ $\langle \text{mml:math} \rangle$ $\langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle s \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle$ $\langle \text{mml:math} \rangle$ Meson	7.8	49
133	Searches for Majorana neutrinos in $B^0 \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review D</i> , 2012, 85, .	4.7	49
134	Measurements of long-range near-side angular correlations in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle N \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ proton-lead collisions in the forward region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 762, 473-483.	4.1	49
135	Observation of New Resonances in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle b \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle$ $\langle \text{mml:math} \rangle$ Measurement of the cross-section ratio $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle b \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle$ $\langle \text{mml:math} \rangle$ $\langle \text{mml:math} \rangle$ $\langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle A \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle$.	7.8	49
136	Measurement of the cross-section ratio $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle b \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle$ $\langle \text{mml:math} \rangle$ $\langle \text{mml:math} \rangle$ $\langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle A \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle$.	7.8	49

#	ARTICLE	IF	CITATIONS
145	Study of prompt D^0 meson production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	45
146	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	3.9	44
147	First Observation of Excited χ_{c1} Mesons. Physical Review Letters, 2020, 124, 082002.	7.8	44
148	Measurement of the D^0 meson lifetime using $D^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review Letters, 2019, 122, 232001.	7.8	43
149	Measurement of the B_c meson lifetime using $B_c \rightarrow \mu^+ \mu^-$ decays. European Physical Journal C, 2014, 74, 2839.	3.9	43
150	Observation of an Excited B_c Meson State. Physical Review Letters, 2019, 122, 232001.	7.8	43
151	Identification of beauty and charm quark jets at LHCb. Journal of Instrumentation, 2015, 10, P06013-P06013.	1.2	42
152	Measurement of the Difference of Time-Integrated Asymmetries in D^0 Decays. Physical Review Letters, 2020, 124, 082002.	7.8	42
153	Amplitude Analysis of the D^0 Meson Decay. Physical Review D, 2020, 101, 074011.	4.7	42
154	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	3.9	41
155	Measurement of Antiproton Production in pp Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2018, 121, 222001.	7.8	41
156	Measurement of the CP-violating phase $\arg(\rho_{cb})$. Physical Review Letters, 2018, 121, 222001.	4.1	40
157	Search for Lepton Number Violating Decays $B \rightarrow \tau^+ \tau^-$ and $B \rightarrow \tau^+ K^0$. Physical Review Letters, 2012, 108, 101601.	7.8	39
158	Precision Measurement of the Mass and Lifetime of the D^0 Meson. Physical Review Letters, 2014, 113, 242002.	7.8	39
159	Study of the kinematic dependences of \hat{b}^0 production and a measurement of the \hat{b}^0 branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	4.7	39
160	Study of J/ψ Production in Jets. Physical Review Letters, 2017, 118, 192001.	7.8	39
161	Search for beautiful tetraquarks in the $\psi(1S)$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	4.7	39
162	Measurement of the D^0 production asymmetry in 7 TeV pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 902-909.	4.1	38

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327	Measurement of the B^0 production cross-section in pp collisions at $\sqrt{s} = 7$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, .	4.7	17
328	Search for the rare decay $B^0 \rightarrow \mu^+ \mu^- K_S^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	4.7	17
329	Measurement of the B^0 production cross-section in pp collisions at $\sqrt{s} = 7$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, .	4.7	17
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349	Measurement of CP observables in $B^{\pm} \rightarrow D^0 \bar{K}^{\pm}$ and $B^{\pm} \rightarrow D^0 K^{\pm}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 16-30.	4.1	15
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381	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 K^0$ decays. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	13
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394	Search for CP violation in $B^0 \rightarrow K^* K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 787, 124-133.	4.7	13
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474	Observation of the $B \rightarrow \bar{c} \ell \nu$ (3872) pK decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
475	Search for CP violation through an amplitude analysis of $D \rightarrow \bar{c} \ell \nu$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
476	Measurement of CP observables in $B \rightarrow \bar{c} \ell \nu$ with $D \rightarrow \bar{c} \ell \nu$. Journal of High Energy Physics, 2013, 2013, 4.7	4.7	6
477	Study of $B \rightarrow \bar{c} \ell \nu$ decays. Physical Review D, 2015, 92, .	4.7	6
478	Determination of the branching fractions of $B \rightarrow \bar{c} \ell \nu$ and $B \rightarrow \bar{c} \ell \nu$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	6
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