

Fernando Luiz Ferreira Rodrigues

List of Publications by Year in descending order

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Version: 2024-02-01

454
papers

24,267
citations

9254

74
h-index

11601

135
g-index

455
all docs

455
docs citations

455
times ranked

9081
citing authors

#	ARTICLE	IF	CITATIONS
1	The LHCb Detector at the LHC. Journal of Instrumentation, 2008, 3, S08005-S08005.	0.5	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	2.9	845
3	Resonances Consistent with Pentaquark States in $J/\psi \rightarrow p \bar{p}$ Measurement of the Ratio of Branching Fractions $\frac{\mathcal{B}(B \rightarrow J/\psi p \bar{p})}{\mathcal{B}(B \rightarrow J/\psi p \bar{p})}$ Physical Review Letters, 2014, 113, 151601. http://www.w3.org/1998/Math/MathML	2.9	816
4	Measurement of the Ratio of Branching Fractions $\frac{\mathcal{B}(B \rightarrow J/\psi p \bar{p})}{\mathcal{B}(B \rightarrow J/\psi p \bar{p})}$ Physical Review Letters, 2014, 113, 151601. http://www.w3.org/1998/Math/MathML		

#	ARTICLE	IF	CITATIONS
19	Measurement of the Ratio of Branching Fractions B_{script} <small>xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="script">B</mml:mi><mml:mo</small>		

#	ARTICLE	IF	CITATIONS
37	Evidence for the decay $B_c^+ \rightarrow K^+ \ell^+ \ell^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.5	115
38	Search for Dark Photons Produced in 13.6 TeV Collisions. Physical Review Letters, 2018, 120, 061801.	2.9	113
40	Differential branching fraction and angular analysis of the decay $B_c^+ \rightarrow K^+ \ell^+ \ell^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	111
41	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.	1.4	111
42	Precision luminosity measurements at LHCb. Journal of Instrumentation, 2014, 9, P12005-P12005.	0.5	110
43	Measurement of the $B_c^+ \rightarrow K^+ \ell^+ \ell^-$ decay. Physical Review Letters, 2013, 110, 221601.	2.9	110
44	Measurement of the $B_c^+ \rightarrow K^+ \ell^+ \ell^-$ decay. Physical Review Letters, 2013, 110, 221601.	2.9	108
45	Measurement of $\bar{\Lambda}^0$ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 2025.	1.4	106
46	Search for Majorana Neutrinos in $B_c^+ \rightarrow K^+ \ell^+ \ell^-$ Decays. Physical Review Letters, 2014, 112, 131802.	2.9	106
47	First Observation of $B_c^+ \rightarrow K^+ \ell^+ \ell^-$ Violation in the Decays of B_c^+ . Physical Review Letters, 2013, 110, 221601.	2.9	105
48	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	6.5	105
49	Exclusive J/ψ and $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045001.	1.4	104
50	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	103
51	Differential branching fraction and angular analysis of the decay $B_c^+ \rightarrow K^+ \ell^+ \ell^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	103
52	Model-Independent Evidence for $B_c^+ \rightarrow K^+ \ell^+ \ell^-$ Contributions to $B_c^+ \rightarrow K^+ \ell^+ \ell^-$. Physical Review Letters, 2013, 111, 101801.	2.9	102
53	Measurement of $B_c^+ \rightarrow K^+ \ell^+ \ell^-$ Violation in the Phase Space of $B_c^+ \rightarrow K^+ \ell^+ \ell^-$. Physical Review Letters, 2013, 111, 101801.	2.9	101
54	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	100

#	ARTICLE	IF	CITATIONS
55	<p>Dalitz plot analysis of $B \rightarrow D^+ \bar{K}^0$ decays. <i>Physical Review Letters</i>, 2012, 109, 172003.</p>	1.6	99
56	<p>Amplitude analysis of $B \rightarrow D^+ \bar{K}^0$ decays. <i>Physical Review Letters</i>, 2012, 109, 172003.</p>	2.9	98
57	<p>Measurement of the fragmentation fraction ratio f_s/f_d and its dependence on B meson kinematics. <i>Journal of High Energy Physics</i>, 2013, 2013, 1.</p>	1.6	92
58	<p>Measurement of $\tilde{\chi}(2S)$ meson production in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i>, 2012, 72, 2100.</p>	1.6	89
59	<p>Study of D J meson decays to $D^+ \bar{K}^0$, $D^0 \bar{K}^+$ and $D^+ \bar{K}^0$ final states in pp collisions. <i>Journal of High Energy Physics</i>, 2013, 2013, 1.</p>	1.4	83
60	<p>Measurement of the $B \rightarrow D^+ \bar{K}^0$ decays. <i>Physical Review Letters</i>, 2014, 113, 162001.</p>	1.6	82
61	<p>Differential branching fraction and angular analysis of $B \rightarrow D^+ \bar{K}^0$ decays. <i>Journal of High Energy Physics</i>, 2015, 2015, .</p>	2.9	82
62	<p>Search for the Decays $B \rightarrow D^+ \bar{K}^0$. <i>Physical Review Letters</i>, 2014, 113, 162001.</p>	1.6	81
63	<p>Observation of Overlapping Spin-1 and Spin-3 $B \rightarrow D^+ \bar{K}^0$ decays. <i>Journal of High Energy Physics</i>, 2015, 2015, .</p>	2.9	80
64	<p>Dalitz plot analysis of $B \rightarrow D^+ \bar{K}^0$ decays. <i>Physical Review Letters</i>, 2014, 113, 162001.</p>	1.6	80
65	<p>Search for long-lived scalar particles in $B \rightarrow D^+ \bar{K}^0$ decays. <i>Physical Review Letters</i>, 2014, 113, 162001.</p>	1.6	80
66	<p>Search for Structure in the $B \rightarrow D^+ \bar{K}^0$ Mass Spectrum. <i>Physical Review Letters</i>, 2016, 117, 152003.</p>	1.6	79
67	<p>Search for Structure in the $B \rightarrow D^+ \bar{K}^0$ Mass Spectrum. <i>Physical Review Letters</i>, 2016, 117, 152003.</p>	2.9	78
68	<p>Search for Structure in the $B \rightarrow D^+ \bar{K}^0$ Mass Spectrum. <i>Physical Review Letters</i>, 2016, 117, 152003.</p>	1.5	77
69	<p>Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. <i>Chinese Physics C</i>, 2016, 40, 011001.</p>	1.5	77
70	<p>Observation of a New $B \rightarrow D^+ \bar{K}^0$ Decay. <i>Physical Review Letters</i>, 2018, 121, 052002.</p>	2.9	77
71	<p>Measurement of the Lifetime of the Doubly Charmed Baryon Ξ_{cc}^+. <i>Physical Review Letters</i>, 2018, 121, 052002.</p>	2.9	76
72	<p>Measurement of the Lifetime of the Doubly Charmed Baryon Ξ_{cc}^+. <i>Physical Review Letters</i>, 2018, 121, 052002.</p>	2.9	76

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73	Measurements of the S-wave fraction in $B \rightarrow K + \bar{\nu}_e \nu_e$ decays and the $B \rightarrow K \bar{\nu}_e \nu_e$ differential decay width difference with $\Delta\Gamma_{12}$ observation of CP violation in $B \rightarrow K \bar{\nu}_e \nu_e$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 203-212.	2.9	75
74	Measurements of the S-wave fraction in $B \rightarrow K + \bar{\nu}_e \nu_e$ decays and the $B \rightarrow K \bar{\nu}_e \nu_e$ differential decay width difference with $\Delta\Gamma_{12}$ observation of CP violation in $B \rightarrow K \bar{\nu}_e \nu_e$ decays. Journal of High Energy Physics, 2016, 2016, 1.	1.6	75
76	Measurement of $C \rightarrow P$ violation and the decay width difference with $\Delta\Gamma_{12}$ observation of CP violation in $B \rightarrow K \bar{\nu}_e \nu_e$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	74
77	Study of J/ψ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	74
78	Measurement of resonant and $C \rightarrow P$ components in $B \rightarrow K \bar{\nu}_e \nu_e$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 203-212.	1.6	73
79	Measurement of the $\eta_c(1S)$ production cross-section in proton- e^- proton collisions via $e^+e^- \rightarrow \eta_c(1S) \gamma$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	73

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91	Production of J/ψ and Υ mesons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	65
92	Observation of $D^0 \rightarrow \pi^+ \pi^-$ oscillation. Physical Review Letters, 2010, 105, 101802.	2.9	65
93	Precision measurement of $B \rightarrow \pi^+ \pi^-$ violation in the three-body phase space of charmless $B \rightarrow \pi^+ \pi^-$ decays. Physical Review Letters, 2013, 110, 101801.	1.6	65
94	Violation in $B \rightarrow \pi^+ \pi^-$ decays. Physical Review Letters, 2015, 114, 041801.	2.9	65
95	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	6.5	64
96	First Observation of the Decay $B_c \rightarrow \pi^+ \pi^-$. Physical Review Letters, 2012, 108, 251802.	1.6	62
97	Determination of the Sign of the Decay Width Difference in the B_s System. Physical Review Letters, 2012, 108, 241801.	2.9	61
98	Measurement of $B \rightarrow \pi^+ \pi^-$ in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. Physical Review Letters, 2015, 114, 132001.	2.9	61
99	Analysis of the resonant components in $B \rightarrow \pi^+ \pi^-$. Physical Review Letters, 2011, 106, 330340.	1.5	60
100	Measurement of forward J/ψ production cross-sections in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
101	Precision measurement of the $B \rightarrow \pi^+ \pi^-$ oscillation frequency with the decay $B \rightarrow \pi^+ \pi^-$. New Journal of Physics, 2013, 15, 053021.	1.2	59
102	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, .	1.6	59
103	Measurement of b-hadron masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	1.5	58
104	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	1.4	58
105	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. Journal of High Energy Physics, 2012, 2012, .	1.6	56
106	Observation of a Resonance in $B \rightarrow \pi^+ \pi^-$. Journal of High Energy Physics, 2011, 69, 330-340.	2.9	56
107	Observation of $B \rightarrow \pi^+ \pi^-$ and $B \rightarrow \pi^+ \pi^-$. Physical Review Letters, 2010, 105, 101801.	1.6	55
108	Measurement of $B \rightarrow \pi^+ \pi^-$. Physical Review Letters, 2010, 105, 101801.	1.6	55

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109	Measurements of the $\Lambda_c^+ \rightarrow \Lambda^0 \pi^+$ decay amplitudes and the $\Lambda_c^+ \rightarrow \Lambda^0 \pi^0 \pi^+$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 27-35.	1.5	54
110	Study of the $D^0 \rightarrow \rho^+ \pi^-$ decays. Journal of High Energy Physics, 2017, 2017, 11.6		54
111	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	1.4	54
112	Measurement of the cross-section for $Z \rightarrow e^+e^-$ production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	53
113	Measurement of $\psi(2S)$ $\Upsilon(2S)$ polarisation in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2014, 74, 2872.	1.4	53
114	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	52
115	Measurement of the exclusive Υ production cross-section in pp collisions at $\sqrt{s}=7$ TeV and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	52
116	Measurement of the $b \rightarrow c$ Quark Production Cross Section in 7 and 13 TeV pp collisions. Physical Review Letters, 2017, 118, 052002.	2.9	52
117	Measurement of the $B \rightarrow D^* \pi^0$ decay. Physical Review Letters, 2013, 110, 151803.	2.9	51
118	Measurement of the phase difference between short- and long-distance amplitudes in the $B^+ \rightarrow K^+ \pi^0 \pi^0$ decay. European Physical Journal C, 2017, 77, 161.	1.4	51
119	Differential Branching Fraction and Angular Analysis of the Decay $B^0 \rightarrow K^* \pi^0 \pi^0$. Physical Review Letters, 2012, 108, 181806.	2.9	50
120	Measurement of B meson production cross-sections in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
121	Search for the doubly charmed baryon Ξ_{cc}^+ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
122	Precision measurement of the ratio of the $b \rightarrow c$ to $b \rightarrow u$ decays. Physical Review Letters, 2012, 108, 181806.	1.5	50
123	First observation and amplitude analysis of the $B^0 \rightarrow D^* \pi^0$ decay. Physical Review Letters, 2012, 108, 201601.	1.6	50
124	First Evidence of Direct CP Violation in Charmless Two-Body Decays of $B \rightarrow C P$. Physical Review Letters, 2012, 108, 201601.	2.9	49
125	Searches for Majorana neutrinos in $B^0 \rightarrow \mu^+ \mu^-$ decays. Physical Review D, 2012, 85, .	1.6	49
126	Measurements of long-range near-side angular correlations in pp collisions in the forward region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 473-483.	1.5	49

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145	Measurement of Antiproton Production in pp collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2018, 121, 222001.	2.9	41
146	Measurement of the CP-violating phase $\arg(-V_{cb}V_{ub}^*)$ from $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2018, 121, 222001.	1.5	40
147	Search for Lepton Number Violating Decays $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ and $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. Physical Review Letters, 2012, 108, 101601.	2.9	39
148	Precision Measurement of the Mass and Lifetime of the Λ_c^+ . Physical Review Letters, 2014, 113, 242002.	2.9	39
149	Study of the kinematic dependences of Λ_c^0 production in pp collisions and a measurement of the $\Lambda_c^0 \rightarrow \Lambda^0 \pi^+$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
150	Study of Λ_c^+ Production in Jets. Physical Review Letters, 2017, 118, 192001.	2.9	39
151	Search for beautiful tetraquarks in the $\bar{\Lambda}(1S) \mu^+ \mu^-$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	39
152	Search for Λ_c^+ production in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 203-212.	1.5	38
153	Measurement of the forward-backward asymmetry in $Z \rightarrow \tau^+ \tau^-$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37
154	Production of associated Υ and open charm hadrons in pp collisions at $\sqrt{s}=7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	1.6	37
155	Prompt and nonprompt J/ψ production and nuclear modification in p Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 159-178.	1.5	37
156	First observation of the decay $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	36
157	Measurement of the relative rate of prompt J/ψ , J/ψ and J/ψ production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	36
158	Amplitude analysis and branching fraction measurement of $B \rightarrow D^* \tau^+ \tau^-$. Physical Review D, 2013, 87, .	1.6	36
159	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 032001.	2.9	36
160	First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ decay. Journal of High Energy Physics, 2015, 2015, .	1.6	36
161	Measurement of the CKM angle Γ from a combination of $B \rightarrow D^* \tau^+ \tau^-$ and $B \rightarrow D^* \mu^+ \mu^-$ analyses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 151-162.	1.5	35
162	Measurement of the differential branching fraction of the decay $B \rightarrow D^* \tau^+ \tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 25-35.	1.5	35

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163	Measurement of the $B \rightarrow \bar{D}^* \ell^+ \nu_\ell$ decay and measurement of the relative branching fractions $\mathcal{B}(B \rightarrow \bar{D}^* \ell^+ \nu_\ell)$ for $\ell = e, \mu$. Physical Review Letters, 2013, 111, 102003.	0.9	35
164	Precision Measurement of the $\bar{B} \rightarrow 0 \hat{\nu}^+ J/\psi \pi^- \hat{\nu}^-$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
165	Observation of the $\bar{B} \rightarrow 0 \hat{\nu}^+ J/\psi \pi^- \hat{\nu}^-$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
166	Model-independent confirmation of the $Z \rightarrow T_{ET} \tau^+ \tau^-$ decay. Physical Review Letters, 2015, 115, 091801.	1.5	15
167	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 5$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	35
168	Measurement of the flavour-specific CP-violating asymmetry A_{CP}^{charm} in $B \rightarrow \bar{D}^* \ell^+ \nu_\ell$ decays. Physical Review Letters, 2017, 118, 091801.	1.5	34
169	Measurement of the CP-violating phase $\arg(V_{cb} V_{cs}^*)$ in $B \rightarrow \bar{D}^* \ell^+ \nu_\ell$ decays. Physical Review Letters, 2017, 118, 091801.	1.5	34
170	Measurement of the CP-violating asymmetry A_{CP}^{charm} in $B \rightarrow \bar{D}^* \ell^+ \nu_\ell$ decays. Physical Review Letters, 2017, 118, 091801.	1.5	34
171	Addendum: Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	34
172	Measurement of the J/ψ pair production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	34
173	Angular moments of the decay $\bar{B} \rightarrow 0 \hat{\nu}^+ \hat{\nu}^- \ell^+ \ell^-$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
174	Measurement of the CP-violating phase $\arg(V_{cb} V_{cs}^*)$ in $B \rightarrow \bar{D}^* \ell^+ \nu_\ell$ decays. Physical Review Letters, 2017, 118, 091801.	1.5	33
175	Search for direct CP violation in $B \rightarrow \bar{D}^* \ell^+ \nu_\ell$ decays. Physical Review Letters, 2017, 118, 091801.	1.5	33
176	Search for the rare decay $B \rightarrow \bar{D}^* \ell^+ \nu_\ell$ modes using semileptonic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	1.5	33
177	Searches for violation of lepton flavour and baryon number in tau lepton decays at LHCb. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	1.5	33
178	Measurement of forward $Z \rightarrow e^+ e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
179	Search for the rare decays $B \rightarrow \bar{D}^* \ell^+ \nu_\ell$ and $B \rightarrow \bar{D}^* \ell^+ \nu_\ell$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 55-67.	1.5	32
180	Search for the Lepton-Flavor-Violating Decays $B \rightarrow 0 \hat{\nu}^+ \hat{\nu}^- \ell^+ \ell^-$ and $B \rightarrow 0 \hat{\nu}^+ \hat{\nu}^- \ell^+ \ell^-$. Physical Review Letters, 2013, 111, 091801.	1.5	32

#	ARTICLE	IF	CITATIONS
181	Observation of the decay $B \rightarrow c \tau^+ \bar{\nu}_\tau$. Measurement of the Semileptonic Asymmetry in $B \rightarrow c \tau^+ \bar{\nu}_\tau$. <i>Physical Review D</i> , 2014, 90, 072004. http://www.w3.org/1998/Math/MathML	1.6	32
182	Search for the lepton flavour violating decay $\bar{B} \rightarrow \tau^+ \nu_\tau \nu_\tau$. <i>Journal of High Energy Physics</i> , 2015, 2015, 161. http://www.w3.org/1998/Math/MathML	2.9	32
183	Measurement of the ratio of $B \rightarrow c \tau^+ \bar{\nu}_\tau$ to $B \rightarrow c \mu^+ \bar{\nu}_\mu$ fractions to J/ψ production in $B \rightarrow c \tau^+ \bar{\nu}_\tau$ decays. <i>Physical Review D</i> , 2014, 90, 072004. http://www.w3.org/1998/Math/MathML	1.6	31
184	Measurement of the CP-violating phase β in $B \rightarrow c \tau^+ \bar{\nu}_\tau$ decays. <i>Physical Review D</i> , 2014, 90, 072004. http://www.w3.org/1998/Math/MathML	1.6	31
185	Measurement of the CP-violating phase β in $B \rightarrow c \tau^+ \bar{\nu}_\tau$ decays. <i>Physical Review D</i> , 2014, 90, 072004. http://www.w3.org/1998/Math/MathML	1.6	31
186	Measurement of the CP-violating phase β in $B \rightarrow c \tau^+ \bar{\nu}_\tau$ decays. <i>Physical Review D</i> , 2014, 90, 072004. http://www.w3.org/1998/Math/MathML	1.6	31
187	Measurement of the CP-violating phase β in $B \rightarrow c \tau^+ \bar{\nu}_\tau$ decays. <i>Physical Review D</i> , 2014, 90, 072004. http://www.w3.org/1998/Math/MathML	1.6	31
188	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. <i>European Physical Journal C</i> , 2012, 72, 1. http://www.w3.org/1998/Math/MathML	1.4	30
189	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1. http://www.w3.org/1998/Math/MathML	1.6	30
190	Measurement of charged particle multiplicities and densities in $\sqrt{s} = 7$ TeV pp collisions at $\sqrt{s} = 7$ TeV in the forward region. <i>European Physical Journal C</i> , 2014, 74, 2888. http://www.w3.org/1998/Math/MathML	1.4	30
191	Amplitude analysis of $B \rightarrow c \tau^+ \bar{\nu}_\tau$ decays. <i>Physical Review D</i> , 2014, 90, 072004. http://www.w3.org/1998/Math/MathML	1.6	30
192	Measurement of $B \rightarrow c \tau^+ \bar{\nu}_\tau$ decays. <i>Physical Review D</i> , 2014, 90, 072004. http://www.w3.org/1998/Math/MathML	1.6	30
193	Violation in $B \rightarrow c \tau^+ \bar{\nu}_\tau$ decays. <i>Physical Review D</i> , 2014, 90, 072004. http://www.w3.org/1998/Math/MathML	2.9	30
194	Forward production of J/ψ mesons in pp collisions at $\sqrt{s} = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1. http://www.w3.org/1998/Math/MathML	1.6	30
195	Angular analysis of the $B \rightarrow K^* e^+ e^-$ decay in the low- q^2 region. <i>Journal of High Energy Physics</i> , 2015, 2015, 1. http://www.w3.org/1998/Math/MathML	1.6	30
196	Observation of $B \rightarrow c \tau^+ \bar{\nu}_\tau$ decays. <i>Physical Review D</i> , 2014, 90, 072004. http://www.w3.org/1998/Math/MathML	1.5	29
197	Study of $D \rightarrow s K^+ K^-$ and $D \rightarrow K^+ K^-$ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2012, 2012, 1. http://www.w3.org/1998/Math/MathML	1.6	29
198	Measurement of relative branching fractions of B decays to $J/\psi(2S)$ and J/ψ mesons. <i>European Physical Journal C</i> , 2012, 72, 2118. http://www.w3.org/1998/Math/MathML	1.4	29
199	Measurement of the CP-violating phase β in $B \rightarrow c \tau^+ \bar{\nu}_\tau$ decays. <i>Physical Review D</i> , 2014, 90, 072004. http://www.w3.org/1998/Math/MathML	2.9	29

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199	Measurement of the lifetime of the B_c using the $B \rightarrow c$ decays. Physical Review Letters, 2015, 115, 111801.	2.9	29
200	Measurement of the CKM angle $\hat{\beta}^3$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
201	Measurement of the shape of the $B \rightarrow c \ell \bar{\nu}_\ell$ differential decay rate. Physical Review D, 2017, 96, .	1.6	29
202	Determination of $B \rightarrow c \ell \bar{\nu}_\ell$ decays. Collisions and Measurement of the $B \rightarrow c \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2011, 107, 21.	2.9	28
203	Measurement of the $B \rightarrow K \ell^+ \ell^-$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
204	First measurement of time-dependent CP violation in $B_s \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
205	First Observation of a Baryonic B_c Decay. Physical Review Letters, 2014, 113, 152003.	2.9	28
206	Observation of the Decays $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2017, 119, 062001.	2.9	28
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209	Evidence for $B \rightarrow K^* \ell^+ \ell^-$ decays. Evidence for $B \rightarrow K^* \ell^+ \ell^-$ decays. Nuclear Physics B, 2014, 888, 169-193.	1.5	27
210	Measurement of CP violation and constraints on the CKM angle $\hat{\beta}^3$ in $B \rightarrow K^* \ell^+ \ell^-$ decays. Nuclear Physics B, 2014, 888, 169-193.	0.9	27
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212	Measurement of $B \rightarrow K^* \ell^+ \ell^-$ production in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	1.4	27
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214	production in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy	1.5	26
215	Measurement of prompt hadron production ratios in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. European Physical Journal C, 2012, 72, 1.	1.4	26
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218	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	2.9	26
219	Measurements of the B^+ , B^0 , B_s^0 meson and Λ_b^0 baryon lifetimes. Journal of High Energy Physics, 2014, 2014, .	1.6	26
220	Angular analysis of charged and neutral $B^0 \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26
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222	Measurements of the branching fractions for $B \rightarrow D^* D$ decays. Physical Review Letters, 2017, 118, 091802.	2.9	25
223	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2421.	1.4	25
224	Observation of the decay $B_c^+ \rightarrow \bar{K}^0 K^+ K^0$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	25
225	Study of forward Z + jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
226	Evidence for the Strangeness-Changing Weak Decay $B^0 \rightarrow D^* D$. Physical Review Letters, 2017, 118, 091802.	2.9	25
227	Observation of the Amplitude Decay Mode $B^0 \rightarrow D^* D$. Physical Review Letters, 2017, 118, 091802.	2.9	25
228	Observation of $B^0 \rightarrow D^* D$ decays. Physical Review Letters, 2017, 118, 111803.	2.9	25
229	Measurements of the branching fractions of $B^0 \rightarrow \rho^+ \rho^- K^0$ decays. European Physical Journal C, 2013, 73, 2462.	1.4	24
230	Observations of $B^0 \rightarrow \rho^+ \rho^- K^0$ decays. European Physical Journal C, 2013, 73, 2462.	0.9	24
231	Observation of $B^0 \rightarrow \rho^+ \rho^- K^0$ decays and Measurement of the $\theta(1285)$ Mixing Angle. Physical Review Letters, 2014, 112, 091802.	2.9	24
232	Measurement of the forward W boson cross-section in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
233	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
234	Observations of $B^0 \rightarrow D^* D$ decays and searches for other B^0 and \bar{B}^0 decays to $D^* D$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24

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236	Measurement of the $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ production asymmetries in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 218-228.	2.9	24
237	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.5	23
238	Measurement of the $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	23
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240	Model-independent search for CP violation in $D \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	1.5	22
241	First observations of $B \rightarrow \mu^+ \mu^- D^+ D^-$, $D_s \rightarrow \mu^+ \mu^- D_s^+ D_s^-$ and $D \rightarrow \mu^+ \mu^- D^+ D^-$ decays. Physical Review D, 2013, 87, .	1.5	22
242	Measurement of the $C \rightarrow P$ Asymmetry in $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ Physical Review Letters, 2013, 110, 031801.	1.6	22
243	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	2.9	22
244	Study of $B \rightarrow W$ boson production in association with beauty and charm. Physical Review D, 2015, 92.	1.6	22
245	Measurement of the $C \rightarrow P$ Asymmetry in $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ Physical Review Letters, 2013, 110, 031801.	2.9	22
246	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	2.9	22
247	Study of $B \rightarrow W$ boson production in association with beauty and charm. Physical Review D, 2015, 92.	2.9	21
248	Measurement of the $C \rightarrow P$ Asymmetry in $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ Physical Review Letters, 2013, 110, 031801.	2.9	21
249	Search for CP violation using T-odd correlations in $D \rightarrow \mu^+ \mu^- K^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	2.9	21
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251	A precise measurement of the $B \rightarrow 0$ meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.6	21
252	Observation of the decay $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ and evidence for CP violation using T-odd correlations in $D \rightarrow \mu^+ \mu^- K^+ K^-$ decays. Physical Review D, 2017, 95, .	1.4	21

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254	Search for the lepton-flavour violating decays $B^0 \rightarrow \mu^+ \mu^- \tau^+ \tau^-$. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	2.9	21
255	Search for CP violation in $B^0 \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2017, 119, 181805.	1.6	20
256	Measurement of the inclusive τ cross-section in pp collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review Letters</i> , 2017, 119, 181805.	1.5	20
257	Measurements of the branching fractions and CP asymmetries of $B^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \tau^+ \tau^-$ decays. <i>Physical Review D</i> , 2012, 85, .	1.6	20
258	First observation of $B^0 \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2017, 119, 181805.	1.6	20
259	Measurement of the $B^0 \rightarrow \mu^+ \mu^-$ branching fraction and search for CP violation. <i>Physical Review Letters</i> , 2014, 112, 041801.	2.9	20
260	Measurement of the τ b (3P) mass and of the relative rate of τ b (1P) and τ b (2P) production. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	20
261	Search for CP violation in $B^0 \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.	1.6	20
262	Study of B_c^+ decays to the $K^+ K^0 \pi^+$ final state and evidence for the decay $B_c^+ \rightarrow \tau^+ c \bar{c} \pi^+$. <i>Physical Review D</i> , 2016, 94, .	1.6	20
263	Search for the lepton-flavour violating decay $D^0 \rightarrow \mu^+ \mu^- \tau^+ \tau^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 754, 167-175.	1.5	20
264	Measurement of CP observables in $B^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \tau^+ \tau^-$ decays with two- and four-body D decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 760, 117-131.	1.5	20
265	Studies of the resonance structure in $B^0 \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review D</i> , 2016, 93, .	1.6	20
266	First Experimental Study of Photon Polarization in Radiative B_s^0 Decays. <i>Physical Review Letters</i> , 2017, 118, 021801.	2.9	20
267	Measurement of the CP Violation Parameter A_{FB}^{τ} in $D^0 \rightarrow K^+ K^0 \tau^+$ and $D^0 \rightarrow \pi^+ \pi^0 \tau^+$ Decays. <i>Physical Review Letters</i> , 2017, 118, 261803.	2.9	20
268	Evidence for the decay $B_s^0 \rightarrow \mu^+ \mu^- \tau^+ \tau^-$. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	20
269	Measurement of CP asymmetries in two-body $B(s)0$ -meson decays to charged pions and kaons. <i>Physical Review D</i> , 2018, 98, .	1.6	20
270	Measurements of the branching fractions of the decays $B_s^0 \rightarrow D_s^+ \mu^- \pi^+$ and $B_s^0 \rightarrow D_s^- \mu^+ \pi^-$. <i>Journal of High Energy Physics</i> , 2012, 2012, .	1.6	19

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272	Measurement of the branching fractions of the decays $B_s \rightarrow D^* \bar{K}^0$ and $B \rightarrow D^* \bar{K}^0$. <i>Physical Review D</i> , 2013, 87, .	1.6	19
273	Search for CP violation in the decay $B \rightarrow D^* \bar{K}^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 728, 585-595.	1.5	19
274	Measurement of V_{00} production ratios in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	18
275	Measurement of the $B_s \rightarrow D^* \bar{K}^0$ branching fraction and angular amplitudes. <i>Physical Review D</i> , 2012, 86, .	1.6	18
276	Measurement of the fraction of $\Upsilon(1S)$ originating from $\Upsilon(1P)$ decays in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	18
277	Measurement of CP violation in $B \rightarrow D^* \bar{K}^0$ decays. <i>Physical Review D</i> , 2014, 90, .	1.6	18
278	Measurement of forward $W^+ \ell^+ \nu_\ell$ production in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	18
279	Measurement of the effective $B \rightarrow D^* \bar{K}^0$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 707, 349-356.	1.5	18
280	$\Upsilon(1S)$ and $\Upsilon(2S)$ Resonance Parameters with the Decays $\Upsilon(1S) \rightarrow \mu^+ \mu^- \gamma$. <i>Physical Review Letters</i> , 2017, 119, 221801.	1.6	18
281	Measurement of the mass and production rate of B_c^+ baryons. <i>Physical Review D</i> , 2019, 99, .	1.6	18
282	Measurement of the effective $B \rightarrow D^* \bar{K}^0$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 707, 349-356.	1.7	17
283	Observation of $B^0 \rightarrow \mu^+ \mu^-$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , 2013, 73, .	1.4	17
284	Measurement of the polarization amplitudes in $B \rightarrow D^* \bar{K}^0$ decays. <i>Nuclear Physics B</i> , 2013, 873, 279-294.	0.9	17
285	Measurement of the polarization amplitudes in $B \rightarrow D^* \bar{K}^0$ decays. <i>Nuclear Physics B</i> , 2013, 873, 279-294.	0.9	17
286	Measurement of the polarization amplitudes in $B \rightarrow D^* \bar{K}^0$ decays. <i>Nuclear Physics B</i> , 2013, 873, 279-294.	0.9	17
287	Measurement of the polarization amplitudes in $B \rightarrow D^* \bar{K}^0$ decays. <i>Nuclear Physics B</i> , 2013, 873, 279-294.	2.9	17
288	Search for the decay $B_s \rightarrow D^0 \gamma$. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	17

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290	Measurement of indirect CP asymmetries in $D^0 \rightarrow \bar{K}^* K^+$ and $D^0 \rightarrow \bar{K}^* \bar{K}^0$ decays using semileptonic B decays. Journal of High Energy Physics, 2015, 2015, .	1.6	17
291	Observation of $\bar{D}^* \bar{K}^* K^+$ and $\bar{D}^* \bar{K}^* K^+$ decays and a measurement of the $\bar{D}^* \bar{K}^* K^+$ baryon number. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
292	First study of the CP-violating phase and decay-width difference in $B \rightarrow \bar{D}^* \bar{K}^* K^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	1.5	17
293	Measurement of CP asymmetry in $D^0 \rightarrow \bar{K}^* K^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	1.5	17
294	Study of charmonium production in $B \rightarrow \bar{D}^* \bar{K}^* K^+$ hadron decays and first evidence for the decay $B \rightarrow \bar{D}^* \bar{K}^* K^+$. European Physical Journal C, 2017, 77, 609.	1.4	17
295	Improved limit on the branching fraction of the rare decay $B \rightarrow \bar{D}^* \bar{K}^* K^+$. European Physical Journal C, 2017, 77, 678.	1.4	17
296	Observation of the $\bar{D}^* \bar{K}^* K^+$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	17
297	Measurement of the $B \rightarrow \bar{D}^* \bar{K}^* K^+$ production cross-section in pp collisions at $\sqrt{s} = 7$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, .	1.6	17
298	Search for the rare decay $B \rightarrow \bar{D}^* \bar{K}^* K^+$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	1.6	17
299	Measurement of the $B \rightarrow \bar{D}^* \bar{K}^* K^+$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	1.6	17
300	Lifetime in the $B \rightarrow \bar{D}^* \bar{K}^* K^+$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.		

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308	Observation of the decay $B \rightarrow \psi(3770) \psi(3770) \psi(3770)$. Journal of High Energy Physics, 2015, 2015, 1.	1.5	15
309	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. Physical Review Letters, 2014, 113, 082003.	2.9	15
310	Measurement of CP violation parameters and polarisation fractions in $B_s^0 \rightarrow J/\psi K^{\pm} \bar{0}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
311	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^+ K^- \psi(3770)$ in the $K^0, 2^1_{16}$ (1430)0 region. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
312	Measurement of $B \rightarrow D^* K^{\pm} \psi(3770)$ and $B \rightarrow D^* K^{\pm} \psi(3770)$ Meson Lifetimes. Physical Review Letters, 2017, 119, 101801.	2.9	15
313	Observation of the suppressed decay $B^0 \rightarrow \psi(3770) \psi(3770) \psi(3770)$. Journal of High Energy Physics, 2017, 2017, 1.	1.5	15
314	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow p \bar{p} \psi(3770)$. Physical Review Letters, 2017, 119, 232001.	2.9	15
315	Search for excited B_c^+ states. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
316	Measurement of CP observables in $B^{\pm} \rightarrow D^{\pm} K^{\pm} \psi(3770)$ and $B^{\pm} \rightarrow D^{\pm} \bar{K}^{\pm} \psi(3770)$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 16-30.	1.5	15
317	Measurement of the Charm-Mixing Parameter γ_{CP} . Physical Review Letters, 2019, 122, 011802.	2.9	15
318	Measurement of the polarization amplitudes and triple product asymmetries in the $B \rightarrow D^* K^{\pm} \psi(3770)$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.5	14
319	Search for CP violation in $D^+ \rightarrow \pi^+ K^0 \psi(3770)$ and $D_s^+ \rightarrow K^0 \psi(3770)$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
320	Study of $B_{(s)}^0 \rightarrow K_{(s)}^0 h^{\prime} h^{\prime}$ decays with first observation of $B_{(s)}^0 \rightarrow K_{(s)}^0 \pi^{\pm} \pi^{\pm}$ and $B_{(s)}^0 \rightarrow K_{(s)}^0 \pi^{\pm} \pi^{\pm}$. Journal of High Energy Physics, 2013, 2013, .	1.6	14
321	A study of the Z production cross-section in pp collisions at $\sqrt{s}=7, \text{TeV}$ using tau final states. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
322	Measurement of CP violation parameters in $B \rightarrow D^* K^{\pm} \psi(3770)$. Physical Review D, 2014, 90, .	1.6	14
323	Measurement of the B^0 Meson Lifetime in $D_s^+ \rightarrow \psi(3770)$ Decays. Physical Review Letters, 2014, 113, 172001.	2.9	14
324	Observation of charmonium pairs produced exclusively in pp collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002.	1.4	14

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325	Measurement of CP asymmetry in $B_s^0 \rightarrow K^{\pm} K^{\mp}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	14
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327	Measurement of the branching fraction ratio $B(B_c \rightarrow \tau^+ \tau^- (2S)) / B(B_c \rightarrow \tau^+ \tau^-)$. Physical Review D, 2015, 92, .	1.6	14
328	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	14
329	Observation of the $B^0 \rightarrow \tau^+ \tau^-$ decay from an amplitude analysis of $B^0 \rightarrow \tau^+ \tau^- (\bar{K}^0)$ (\bar{K}^0) decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	1.5	14
330	Observation of the $B^0 \rightarrow \tau^+ \tau^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	1.5	14
331	Study of $\bar{\Lambda}(2S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
332	First Observation of a Baryonic $B^0 \rightarrow \tau^+ \tau^-$ Decay. Physical Review Letters, 2017, 119, 041802.	1.6	14
333	A measurement of the CP asymmetry difference between $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2018, 2018, .	1.8	14
334	Amplitude Analysis of the Decay $B^0 \rightarrow K^+ K^-$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K^+ K^-$. Physical Review Letters, 2018, 120, 261801.	2.9	14
335	Prompt $\bar{b} + c$ production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
336	Measurement of the ratio of branching fractions $B(B_c \rightarrow \tau^+ \tau^-) / B(B_c \rightarrow \tau^+ \tau^-)$.		

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343	Search for CP violation in $D \hat{A}^{\pm} \hat{a}^{\prime} \hat{a}^{\prime} K S O K \hat{A}^{\pm}$ and $D s \hat{A}^{\pm} \hat{a}^{\prime} \hat{a}^{\prime} K S O \hat{I} \hat{A}^{\pm}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
344	A study of CP violation in $B \hat{A}^{\pm} \hat{a}^{\prime} D K \hat{A}^{\pm}$ and $B \hat{A}^{\pm} \hat{a}^{\prime} D \hat{I} \hat{A}^{\pm}$ decays with $\langle \text{mml:math} \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" \text{altimg}="si1.gif" \text{overflow}="scroll" \rangle \langle \text{mml:mi} \rangle D \langle \text{mml:mo} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle$	1.5	13
345	Measurement of the $\langle \text{mml:math} \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" \text{altimg}="si1.gif" \text{overflow}="scroll" \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle b \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle$	1.5	13
346	Measurement of polarization amplitudes and CP asymmetries in $B O \hat{a}^{\prime} \hat{I} K^*(892)0$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
347	Measurement of the time-integrated CP asymmetry in $D O \hat{a}^{\prime} \hat{a}^{\prime} K S O K S O$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	13
348	Observation of the decay $B \hat{a}^{\prime} s O \hat{a}^{\prime} \hat{I}^*(2S) K + \hat{I} \hat{a}^{\prime}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	1.5	13
349	Determination of \hat{I}^3 and $\langle \text{mml:math} \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" \text{altimg}="si1.gif" \text{overflow}="scroll" \rangle \langle \text{mml:mo} \rangle \hat{a}^{\prime} \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle$ charmless two-body decays of beauty mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 1-11.	1.5	13
350	Measurement of the ratio of branching fractions $\hat{a}_{\rightarrow B c} + \hat{a}^{\prime} J / \hat{I}^* K + / \hat{a}_{\rightarrow B c} + \hat{a}^{\prime} J$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
351	Measurement of the mass and lifetime of the $\langle \text{mml:math} \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" \text{display}="inline" \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mi} \text{mathvariant}="normal" \rangle \hat{I} \langle \text{mml:mi} \rangle b \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{a}^{\prime} \langle \text{mml:mo} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:math} \rangle$ baryon.	1.6	13
352	Constraints on the unitarity triangle angle $\langle \text{mml:math} \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" \text{display}="inline" \rangle \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ from Dalitz plot analysis of $\langle \text{mml:math} \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" \text{display}="inline" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \rangle$	1.6	13
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355	First observation of the decay $D O \hat{a}^{\prime} K \hat{a}^{\prime} \hat{I} \hat{I} \hat{a}^{\prime} + \hat{I} \hat{I} \hat{a}^{\prime}$ in the $\hat{I} O \hat{a}^{\prime} \hat{I} \hat{I} \hat{a}^{\prime}$ region of the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	1.5	13
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357	Measurement of CP asymmetry in $B O s \hat{a}^{\prime} \hat{a}^{\prime} D \hat{a}^{\prime} s K \hat{A}^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.6	1.6	13
358	Search for CP violation in $\langle \text{mml:math} \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" \text{altimg}="si1.gif" \text{overflow}="scroll" \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle b \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle$ B^+ and $\langle \text{mml:math} \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" \text{altimg}="si2.gif" \text{overflow}="scroll" \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle$	1.5	13
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360	Measurement of Angular and $\langle \text{mml:math} \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" \text{display}="inline" \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Asymmetries in $\langle \text{mml:math} \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" \text{display}="inline" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle D \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \rangle$ decays. Physical Review Letters, 2018, 121, 091801.	2.9	13

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363	Measurement of the charge asymmetry in $B^0 \rightarrow D^+ K^0$ and $B^0 \rightarrow D^0 K^+$. Physical Review Letters, 2012, 108, 161801. 1.6 12		
364	Measurement of the charge asymmetry in $B^0 \rightarrow D^+ K^0$ and $B^0 \rightarrow D^0 K^+$. Physical Review Letters, 2012, 108, 161801. 1.5 12		
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