

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

9264

74
h-index

11607

135
g-index

455
all docs

455
docs citations

455
times ranked

9081
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the branching fractions of the decays $D^+ \rightarrow \bar{K}^0 K^+ K^+$, $D^+ \rightarrow \bar{K}^0 \bar{K}^0 K^+$ and $D^+ \rightarrow \bar{K}^0 \pi^+ K^+$. Journal of High Energy Physics, 2019, 2019, .	4.7	6
2	Study of the $B^0 \rightarrow \bar{K}^0 K^0$ decay with an amplitude analysis of $B^0 \rightarrow \bar{K}^0 (K^+ \bar{K}^0)$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
3	Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow \bar{K}^0 \pi^0 (2S)$ and $B^0 \rightarrow \bar{K}^0 \pi^0$. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
4	Dalitz plot analysis of the $D^+ \rightarrow \bar{K}^0 K^+ K^+$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	10
5	Measurement of the relative $B^0 \rightarrow D^0/D^{*0}/D^{*0} \pi^0$ branching fractions using B^0 mesons from $B^0 \rightarrow 2^0$ decays. Physical Review D, 2019, 99, .	4.7	3
6	Measurement of the Charm-Mixing Parameter γ_{CP} . Physical Review Letters, 2019, 122, 011802.	7.8	15
7	Search for CP Violation in $D_s \rightarrow K^0 \pi^+$, $D_s \rightarrow K^0 K^+$, and $D_s \rightarrow \pi^+ \pi^0$ Decays. Physical Review Letters, 2019, 122, 191803.	7.8	9
8	Observation of $B \rightarrow B_s \gamma$ decays. Physical Review Letters, 2019, 122, 071801.	7.8	9
9	Measurement of the branching fraction of $B \rightarrow B_s \gamma$ decays. Physical Review Letters, 2019, 122, 071801.	4.7	17
10	Observation of $C \rightarrow P$ Violation in Charm Decays. Physical Review Letters, 2019, 122, 211803.	7.8	157
11	Search for Lepton-Universality Violation in $B \rightarrow K^* \ell \ell$ Decays. Physical Review Letters, 2019, 122, 191801.	7.8	355
12	Observation of the doubly Cabibbo-suppressed decay $\bar{B}^0 \rightarrow \pi^+ \pi^-$. Journal of High Energy Physics, 2019, 2019, 1.	7.8	2
13	Model-Independent Observation of Exotic Contributions to $B \rightarrow K^* \pi^0$ Decays. Physical Review Letters, 2019, 122, 152002.	7.8	24
14	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. Physical Review Letters, 2019, 122, 132002.	7.8	48
15	Measurement of the mass and production rate of B_c baryons. Physical Review D, 2019, 99, .	4.7	18
16	Prompt $b \rightarrow c$ production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
17	Observation of Two Resonances in the $B \rightarrow B_s \gamma$ Decays. Physical Review Letters, 2019, 122, 071801.	7.8	48
18	Search for excited B_c + states. Journal of High Energy Physics, 2018, 2018, 1.	4.7	15

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19	Search for Dark Photons Produced in 13 TeV Collisions. Physical Review Letters, 2018, 120, 061801.	7.8	113
20	First observation of forward $Z\tau^+\tau^-$ production in pp collisions at $\sqrt{s}=8\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 430-439.	4.1	2
21	Measurement of CP observables in $B\rightarrow D^*K$ and $B\rightarrow D^*\bar{K}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 16-30.	4.1	15
22	A measurement of the CP asymmetry difference between $\hat{\Gamma}_+^{K^0\rightarrow\pi^+K^+}$ and $\hat{\Gamma}_+^{K^0\rightarrow\pi^+K^0}$ decays. Journal of High Energy Physics, 2018, 2018, .	4.7	14
23	Measurement of CP asymmetry in $B\rightarrow D^*K$ decays. Journal of High Energy Physics, 2018, 2018, 4.7		13
24	Search for the lepton-flavour violating decays $B\rightarrow\tau\mu\gamma$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	21
25	First measurement of the CP-violating phase $\phi_{s\text{d}}$ in $B\rightarrow D^*K(K^*)$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	11
26	Test of lepton flavor universality by the measurement of the R_{B^0} observable. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 1-5.	4.7	189
27	Measurement of the ratio of branching fractions R_{B^0} and R_{B^+} . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 1-5.	4.7	204
28	Measurement of the Ratio of Branching Fractions R_{B^0} and R_{B^+} . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 1-5.		

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37	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
38	Measurement of Υ' production in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
39	Measurement of forward top pair production in the dilepton channel in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	4
40	Observation of the decay $\overline{B}_s^0 \rightarrow \chi_{c2} K^+ K^-$ in the Υ mass region. Journal of High Energy Physics, 2018, 2018, 1.	4.7	1
41	Search for a dimuon resonance in the Υ mass region. Journal of High Energy Physics, 2018, 2018, 1.	4.7	10
42	Studies of the resonance structure in $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ decays. European Physical Journal C, 2018, 78, 443.	3.9	28
43	Angular moments of the decay $\Upsilon \rightarrow b \bar{b} \rightarrow \Upsilon \rightarrow 4\pi$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	4.7	34
44	Measurement of $Z \rightarrow \Upsilon, \Upsilon', \Upsilon''$ production in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
45	First Observation of the Doubly-Charmed Baryon Decay $\Lambda_{cc}^+ \rightarrow \Lambda^+ \pi^+ \pi^-$. Journal of High Energy Physics, 2018, 2018, 1.	7.8	122
46	Measurement of $D_{s1}^+ \rightarrow s$ production asymmetry in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5
47	Measurement of Angular and $\Lambda_{cc}^+ \rightarrow \Lambda^+ \pi^+ \pi^-$ Asymmetries in $\Lambda_{cc}^+ \rightarrow \Lambda^+ \pi^+ \pi^-$ decays. Physical Review Letters, 2018, 121, 091801.	7.8	13
48	Evidence for the decay $\overline{B}_s^0 \rightarrow \overline{K}^* \mu^+ \mu^-$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
49	Measurement of CP asymmetries in two-body $B(s) \rightarrow$ meson decays to charged pions and kaons. Physical Review D, 2018, 98, .	4.7	20
50	Observation of the decay $\Upsilon \rightarrow B \pi$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
51	Measurement of the CP asymmetry in $B \rightarrow D^0$ and $B \rightarrow D^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	2
52	Search for CP violation using triple product asymmetries in $\Upsilon \rightarrow B \pi$ and $\Upsilon \rightarrow B \pi$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	11
53	Search for the rare decay $\Lambda_{cc}^+ \rightarrow \Lambda^+ \pi^+ \pi^-$. Physical Review D, 2018, 97, .	4.7	17
54	Search for weakly decaying b -flavored pentaquarks. Physical Review D, 2018, 97, .	4.7	7

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55	First observation of $B \rightarrow D s + K \bar{K}^0$ decays and a search for $B \rightarrow D s + \bar{K}^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	21
56	Measurements of the branching fractions of $\hat{b} \rightarrow c \pi^+ \pi^- K^+$, $\hat{b} \rightarrow c \pi^+ \pi^- K^0$, and $\hat{b} \rightarrow c \pi^+ \pi^- K^+$. Journal of High Energy Physics, 2018, 2018, .	4.7	10
57	Measurement of CP violation in $B^0 \rightarrow D^{\pm} K^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	4
58	Amplitude Analysis of the Decay $B^0 \rightarrow K^0 \pi^+ \pi^-$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K^0 \pi^+ \pi^-$. Physical Review Letters, 2018, 120, 261801.	7.8	14
59	Search for B_c^+ decays to two charm mesons. Nuclear Physics B, 2018, 930, 563-582.	2.5	8
60	Measurement of the Lifetime of the Doubly Charmed Baryon Ξ_{cc}^{++} . Physical Review Letters, 2018, 121, 052002.	7.8	76
61	Measurement of branching fractions of charmless four-body $\hat{b} \rightarrow b 0$ and $\hat{b} \rightarrow \bar{b} 0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	10
62	Observation of the decay $\hat{b} \rightarrow c \pi^+ \pi^- K^+$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 101-111.	4.1	8
63	Observation of a New \bar{K}^0 Resonance. Physical Review Letters, 2018, 121, 072002.	7.8	27
64	Evidence for the Rare Decay $\hat{b} \rightarrow c \pi^+ \pi^- K^+$. Physical Review Letters, 2018, 120, 221803.	7.8	24
65	Search for the CP-violating strong decays $\hat{b} \rightarrow c \pi^+ \pi^- K^+$ and $\hat{b} \rightarrow c \pi^+ \pi^- K^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 233-240.	4.1	7
66	Search for the suppressed decays $B \rightarrow K^+ K^+ \pi^-$ and $B \rightarrow K^+ \pi^+ \pi^- K^+$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	4.1	9
67	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	16.7	64
68	Amplitude analysis of $B \rightarrow K^+ \pi^- \pi^0$. Physical Review D, 2017, 95, 074011.	4.7	92
69	Consistent with Exotic States from Amplitude Analysis of $B \rightarrow K^+ \pi^- \pi^0$ Structures. Physical Review Letters, 2017, 118, 081801.	7.8	150
70	Observation of the Annihilation Decay Mode $B \rightarrow K^+ \pi^- \pi^0$. Physical Review Letters, 2017, 118, 081801.	7.8	25
71	First Experimental Study of Photon Polarization in Radiative B_s^0 Decays. Physical Review Letters, 2017, 118, 021801.	7.8	20
72	Measurement of forward $B \rightarrow W^+ K^0$ decays. Physical Review Letters, 2017, 118, 021801.	4.1	7

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73	Observation of the decay $B \rightarrow \bar{D}^* K^0$ and evidence for $B \rightarrow \bar{D}^* K^0$. Physical Review Letters, 2017, 118, 052002.	4.7	21
74	Measurement of the $B \rightarrow \bar{D}^* K^0$ Quark Production Cross Section in 7 and 13 TeV Collisions. Physical Review Letters, 2017, 118, 052002.	7.8	52
75	Measurement of the phase difference between short- and long-distance amplitudes in the $B \rightarrow \bar{D}^* K^0$ decay. European Physical Journal C, 2017, 77, 161.	3.9	51
76	Study of the $D^0 \rightarrow \bar{D}^* K^0$ amplitude in $B \rightarrow \bar{D}^* K^0$ decays. Journal of High Energy Physics, 2017, 2017, 147.	4.7	54
77	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	3.9	54
78	Observation of $B \rightarrow \bar{D}^* K^0$ and $B \rightarrow \bar{D}^* K^0$. European Physical Journal C, 2017, 77, 72.	3.9	7
79	Measurement of CP asymmetry in $D^0 \rightarrow \bar{D}^* K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	4.1	17
80	Observation of the Decay $B \rightarrow \bar{D}^* K^0$. Physical Review Letters, 2017, 118, 071801.	7.8	9
81	Search for long-lived scalar particles in $B \rightarrow \bar{D}^* K^0$. Physical Review Letters, 2017, 118, 071801.	4.7	79
82	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
83	Prompt and nonprompt J/ψ production and nuclear modification in pPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 159-178.	4.1	37
84	Observation of charmless baryonic decays $B \rightarrow \bar{D}^* K^0$. Physical Review Letters, 2017, 118, 071801.	4.7	8
85	Study of charmonium production in $B \rightarrow \bar{D}^* K^0$ -hadron decays and first evidence for the decay $B \rightarrow \bar{D}^* K^0$. European Physical Journal C, 2017, 77, 609.	3.9	17
86	Improved limit on the branching fraction of the rare decay $B \rightarrow \bar{D}^* K^0$. European Physical Journal C, 2017, 77, 678.	3.9	17
87	Observation of $B_c \rightarrow \bar{D}^* K^0$ decays. Physical Review D, 2017, 95, .	4.7	12
88	Measurements of charm mixing and violation using $B \rightarrow \bar{D}^* K^0$. Physical Review D, 2017, 95, .	4.7	11
89	Measurement of the $B_{\pm} \rightarrow \bar{D}^* K^0$ production asymmetry and the CP asymmetry in $B_{\pm} \rightarrow \bar{D}^* K^0$ decays. Physical Review D, 2017, 95, .	4.7	6
90	Search for the $B \rightarrow \bar{D}^* K^0$ decay. Journal of High Energy Physics, 2017, 2017, 1.	4.7	3

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91	Measurement of $B \rightarrow D_s^* K^0$ and $B \rightarrow D_s^* K^+$ decays. Physical Review Letters, 2017, 119, 112001.	7.8	15
92	Observation of the Doubly Charmed Baryon Λ_{cc}^+ Decays. Physical Review Letters, 2017, 119, 112001.	7.8	417
93	Measurement of the CP Violation Parameter A_i^{CP} in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. Physical Review Letters, 2017, 118, 261803.	7.8	20
94	Observation of $B \rightarrow D^* K^0$ and $B \rightarrow D^* K^+$ decays. Physical Review Letters, 2017, 118, 111803.	7.8	25
95	States Decaying to $B \rightarrow D^* K^0$ and $B \rightarrow D^* K^+$ decays. Physical Review Letters, 2017, 118, 111803.	7.8	234
96	Measurement of CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D_s^0 \rightarrow K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	4.1	8
97	Observation of $B \rightarrow D^* K^0$ and $B \rightarrow D^* K^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	4.1	18
98	Observation of the $B \rightarrow D^* K^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	4.1	17
99	Branching Fraction and Effective Lifetime and Search for $B \rightarrow D^* K^0$ and $B \rightarrow D^* K^+$ decays. Physical Review Letters, 2017, 118, 111803.	7.8	220
100	Study of $B \rightarrow D^* K^0$ and $B \rightarrow D^* K^+$ decays. Physical Review Letters, 2017, 118, 192001.	7.8	39
101	Observation of the Decays $B \rightarrow D^* K^0$ and $B \rightarrow D^* K^+$. Physical Review Letters, 2017, 119, 062001.	7.8	28
102	Observation of the $B \rightarrow D^* K^0$ decay. Physical Review D, 2017, 96, .	4.7	4
103	Search for the Decays $B \rightarrow D^* K^0$ and $B \rightarrow D^* K^+$. Physical Review Letters, 2017, 118, 251802.	7.8	81
104	Measurement of the shape of the $B \rightarrow D^* K^0$ differential decay rate. Physical Review D, 2017, 96, .	4.7	29
105	Observation of the suppressed decay $B \rightarrow D^* K^0$. Journal of High Energy Physics, 2017, 1, 15		
106	Test of lepton universality with $B \rightarrow D^* K^0$, $B \rightarrow D^* K^+$ decays. Journal of High Energy Physics, 2017, 2017, 1.	4.7	425
107	$\tilde{\kappa}_1$ and $\tilde{\kappa}_2$ Resonance Parameters with the Decays $B \rightarrow D^* K^0$ and $B \rightarrow D^* K^+$. Physical Review Letters, 2017, 119, 221801.		18
108	Observation of $B \rightarrow D^* K^0$ and $B \rightarrow D^* K^+$ decays. Physical Review Letters, 2017, 119, 181805.	7.8	21

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127	A precise measurement of the B^0 meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	3.9	21
128	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	3.9	26
129	Observations of $\bar{b} \rightarrow \bar{c} + \bar{c} + \bar{c}$ and $\bar{b} \rightarrow \bar{c} + \bar{c} + K^0$ decays and searches for other $\bar{b} \rightarrow \bar{c}$ and $\bar{b} \rightarrow \bar{c}$ decays to final states. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24
130	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	16
131	Observation of $B^0 \rightarrow (2S) p K^+$ and $B^0 \rightarrow \bar{K}^0 \bar{K}^+ + \bar{K}^0 p K^+$ decays and a measurement of the B^0 baryon lifetime. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
132	Production of associated Y 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.	4.7	37
133	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.	4.7	23
134	Measurement of the ratio of branching fractions $\mathcal{B}(B_c \rightarrow \bar{c} + \bar{c} + \bar{c}) / \mathcal{B}(B_c \rightarrow \bar{c} + \bar{c} + K^0)$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
135	Measurement of forward $W^+ e^{1/2}$ production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
136	Measurement of the CKM angle β_3 from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
137	Measurements of the S-wave fraction in $B^0 \rightarrow \bar{c} + \bar{c} + \bar{c}$ and $B^0 \rightarrow \bar{c} + \bar{c} + \bar{c}$ decays and the $B^0 \rightarrow \bar{c} + \bar{c} + \bar{c}$ differential branching ratio. Journal of High Energy Physics, 2016, 2016, 1.	4.7	75
138	Study of the production of Λ_c^+ and Λ_c^0 hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	3.7	77
139	A new algorithm for identifying the flavour of B^0 mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	1.2	12
140	Amplitude analysis of $B^0 \rightarrow \bar{c} + \bar{c} + \bar{c}$ decays. Physical Review D, 2016, 94, .	4.7	72
141	Study of B_c^+ decays to the $K^+ K^0 \bar{c}$ final state and evidence for the decay $B_c^+ \rightarrow \bar{c} + \bar{c} + \bar{c}$. Physical Review D, 2016, 94, .	4.7	20
142	Measurement of $C \rightarrow P$ violation in $B^0 \rightarrow \bar{c} + \bar{c} + \bar{c}$ decays. Physical Review Letters, 2016, 117, 261801.	7.8	12
143	Measurement of the $B^0 \rightarrow \bar{c} + \bar{c} + \bar{c}$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 484-492.	4.1	6
144	Search for the lepton-flavour violating decay $D^0 \rightarrow \bar{c} + \bar{c} + \bar{c}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	4.1	20

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145	Model-independent measurement of the CKM angle $\hat{\beta}^3$ using $B_0 \rightarrow DK^* \rightarrow 0$ decays with $D \rightarrow K^* S^0 \bar{K}^0 + \bar{K}^* S^0$ and $K^* S^0$ decays. <i>Journal of High Energy Physics</i> , 2016, 2016, 1. First study of the CP-violating phase and decay-width difference in $B \rightarrow D^* K^* S^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 762, 473-483.	4.7	17
146	Measurements of long-range near-side angular correlations in pp collisions in the forward region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 762, 473-483.	4.1	17
147	Search for B_c^+ decays to the $pp \rightarrow \bar{K}^0$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 759, 313-321.	4.1	12
149	Observation of the $B \rightarrow D^* K^* S^0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 759, 282-292.	4.1	14
150	Measurement of CP observables in $B \rightarrow D^* K^* S^0$ and $B \rightarrow D^* K^* S^0$ with two- and four-body D decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 760, 117-131.	4.1	20
151	Model-independent evidence for $B \rightarrow D^* K^* S^0$ mixing. <i>Physical Review D</i> , 2016, 93, .	7.8	22
152	Contributions to $B \rightarrow D^* K^* S^0$ decays. <i>Physical Review D</i> , 2016, 93, .	7.8	102
153	Studies of the resonance structure in $B \rightarrow D^* K^* S^0$ decays. <i>Physical Review D</i> , 2016, 93, .	7.8	110
154	Measurement of the mass and lifetime of the $B \rightarrow D^* K^* S^0$ baryon. <i>Physical Review D</i> , 2016, 93, .	4.7	20
155	First observation of $B \rightarrow D^* K^* S^0$ decays. <i>Physical Review D</i> , 2016, 93, .	4.7	13
156	Oscillations in $B \rightarrow D^* K^* S^0$ decays. <i>Physical Review D</i> , 2016, 93, .	7.8	27
157	First observation of the rare $B \rightarrow D^* K^* S^0$ decay. <i>Physical Review D</i> , 2016, 93, .	4.7	5
158	Measurement of the $B \rightarrow D^* K^* S^0$ branching fractions. <i>Physical Review D</i> , 2016, 93, .	4.7	5
159	Constraints on the unitarity triangle angle $\hat{\beta}^3$ from Dalitz plot analysis of $B \rightarrow D^* K^* S^0$ decays. <i>Physical Review D</i> , 2016, 93, .	4.7	13
160	Observation of $B \rightarrow D^* K^* S^0$ and Evidence for $B \rightarrow D^* K^* S^0$ decays. <i>Physical Review Letters</i> , 2016, 116, 161802.	8	6
161	Asymmetries in $B \rightarrow D^* K^* S^0$ decays. <i>Physical Review D</i> , 2016, 93, .	7.8	42
162	Search for Violations of Lorentz Invariance and $B \rightarrow D^* K^* S^0$ Symmetry in $B \rightarrow D^* K^* S^0$ decays. <i>Physical Review D</i> , 2016, 93, .	7.8	31

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163	Search for Structure in the $B \rightarrow K^* K^0$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	4.7	78
164	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ in the $K^0(1430)$ region. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
165	Study of $D_{s1}^* \rightarrow D^* K^0$ mesons decaying to $D^* K^0$ and $D^* K^+$ final states. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
166	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
167	Study of $\Upsilon(2S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
168	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2016, 2016, .	4.7	13
169	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	100
170	First observation of the decay $B^0 \rightarrow K^+ K^- K^0$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1.	4.7	5
171	Observation of the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
172	First observation of the decay $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ in the $K^0(1430)$ region of the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	4.1	13
173	Angular analysis of the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay using 3 fb ⁻¹ of integrated luminosity. Journal of High Energy Physics, 2016, 2016, 1.	4.7	304
174	Phase motion in the $Z^0(4430)$ amplitude in $B^0 \rightarrow K^+ K^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 187-190.	4.1	2
175	Study of CP violation in $B^0 \rightarrow D^+ D^- (h=K, \pi)$ with the modes $D^+ \rightarrow K^+ \pi^0$ and $D^+ \rightarrow K^+ \pi^+$. Physical Review D, 2015, 91, .	4.7	14
176	Study of $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay. Physical Review D, 2015, 92, .	4.7	6
177	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	7.8	22
178	Evidence for the Strangeness-Changing Weak Decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$. Physical Review Letters, 2015, 115, 112001.	7.8	25
179	First observation and amplitude analysis of the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay. Physical Review Letters, 2015, 115, 112001.	4.7	50
180	Quantum numbers of the $X(3872)$. Physical Review Letters, 2015, 115, 112001.	4.7	69

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181	Amplitude analysis of $B \rightarrow D K^* \pi^0$. Physical Review D, 2015, 92, .	4.7	30
182	Dalitz plot analysis of $B \rightarrow D^* \pi^0$. Physical Review D, 2015, 92, .	4.7	80
183	Study of $W \rightarrow b s$ boson production in association with beauty and charm. Physical Review D, 2015, 92, .	4.7	22
184	Measurement of the branching fraction ratio $B(B_c \rightarrow \tau^+ \nu_\tau) / B(B_c \rightarrow \tau^+ \nu_\tau)$. Physical Review D, 2015, 92, .	4.7	14
185	Search for the rare decays $B \rightarrow \tau^+ \nu_\tau$ and $B_s \rightarrow \tau^+ \nu_\tau$. Physical Review D, 2015, 92, .	4.7	8
186	Model-independent confirmation of the $Z \rightarrow b \bar{b}$ cross section. Physical Review D, 2015, 92, .	4.7	15
187	Measurement of $C \rightarrow P$ violation in $B \rightarrow C^* \pi^0$. Physical Review Letters, 2015, 115, 031601.	7.8	30
188	Observation of the $B_s \rightarrow \tau^+ \nu_\tau$ Decay. Physical Review Letters, 2015, 115, 051801.	7.8	9
189	Observation of $J/\psi \rightarrow p \bar{p}$ resonances consistent with pentaquark states in $B \rightarrow J/\psi p \bar{p}$. Physical Review Letters, 2015, 115, 031601.	7.8	816
190	Measurement of the Ratio of Branching Fractions $B(B \rightarrow \tau^+ \nu_\tau) / B(B \rightarrow \tau^+ \nu_\tau)$. Physical Review D, 2015, 92, .		

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199	Forward production of Υ mesons in pp collisions at $s = 7 \sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
200	Measurement of the forward-backward asymmetry in $Z \rightarrow \hat{1}/4 \hat{1}/4 + \hat{1}/4 \hat{1}/4$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	4.7	37
201	First observation and measurement of the branching fraction for the decay $B \rightarrow D^* K^{\pm}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	7
202	First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow \hat{1}/4 + \hat{1}/4$ decay. Journal of High Energy Physics, 2015, 2015, .	4.7	36
203	Measurement of the time-integrated CP asymmetry in $D \rightarrow K^* K^* S$ decays. Journal of High Energy Physics, 2015, 2015, 1.	4.7	13
204	Measurement of CP violation parameters and polarisation fractions in $B \rightarrow J/\psi K^* \hat{1}/4$ decays. Journal of High Energy Physics, 2015, 2015, 1.	4.7	15
205	Measurement of forward $Z \rightarrow e^+e^-$ production at $s = 8 \sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
206	Differential branching fraction and angular analysis of $B \rightarrow \hat{1}/4 + \hat{1}/4$ decays. Journal of High Energy Physics, 2015, 2015, .	4.7	82
207	Measurement of the time-dependent CP asymmetries in $B \rightarrow J/\psi K^* S$. Journal of High Energy Physics, 2015, 2015, .	4.7	12
208	Search for the decay $B \rightarrow \overline{D}^* \{0\}_0(980)$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	17
209	Measurement of forward J/ψ production cross-sections in pp collisions at $s = 13 \sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
210	Observation of the decay $B \rightarrow \overline{D}^* K^*$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	4.1	13
211	Angular analysis and differential branching fraction of the decay $B \rightarrow \hat{1}/4 + \hat{1}/4$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	191
212	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $s \sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	14
213	Angular analysis of the $B \rightarrow K^* e^+e^-$ decay in the low- q^2 region. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
214	Determination of the branching fractions of $B \rightarrow D^* K^*$ and $B \rightarrow D^* K^+$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	6
215	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. European Physical Journal C, 2015, 75, 595.	3.9	11
216	Observation of the $B \rightarrow \overline{D}^* \{0\}_0$ decay from an amplitude analysis of $B \rightarrow \overline{D}^* (\overline{K}^* K^*) (\overline{K}^* K^*)$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	4.1	14

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217	Measurement of the lifetime of the B_c using the	7.8	29
218	Observation of Two New Resonances. <i>Physical Review Letters</i> , 2015, 114, 062004.	7.8	47
219	Measurement of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , 2015, 11, 743-747.	4.1	31
220	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , 2015, 11, 743-747.	16.7	105
221	Determination of $\hat{\Gamma}^3$ and charmless two-body decays of beauty mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 741, 1-11.	4.1	13
222	Study of the rare and B_0 decays into the $\bar{D}^* \bar{D}^* \bar{D}^* \bar{D}^*$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 743, 46-55.	4.1	17
223	Measurement of $B \rightarrow CP$ Asymmetry in $B \rightarrow CP$	7.8	32
224	Precision Measurement of $B \rightarrow CP$ Violation in $B \rightarrow CP$	7.8	65
225	Measurement of $B \rightarrow CP$ in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV in the forward region. <i>Physical Review Letters</i> , 2015, 114, 132001.	7.8	61
226	LHCb detector performance. <i>International Journal of Modern Physics A</i> , 2015, 30, 1530022.	1.5	604
227	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2015, 75, 152.	3.9	44
228	Search for CP violation in $B \rightarrow D^* D^* D^* D^*$	7.8	20
229	Measurement of the $Z+b$ -jet cross-section in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	9
230	Search for the lepton flavour violating decay $\bar{D}_s^* \rightarrow \bar{D}_s^* \bar{D}_s^* \bar{D}_s^*$. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	32
231	Precise measurements of the properties of the $B_1(5721)_{0,+}$ and $B_2^*(5747)_{0,+}$ states and observation of $B_{0,+}$ mass structures. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	21
232	Measurement of indirect CP asymmetries in $D_0 \rightarrow K^* K^+$ and $D_0 \rightarrow \bar{K}^* \bar{K}^+$ decays using semileptonic B decays. <i>Journal of High Energy Physics</i> , 2015, 2015, .	4.7	17
233	Observation of the rare $B_s^0 \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. <i>Nature</i> , 2015, 522, 68-72.	27.8	390
234	Identification of beauty and charm quark jets at LHCb. <i>Journal of Instrumentation</i> , 2015, 10, P06013-P06013.	1.2	42

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235	Measurement of the $\eta_c(1S)$ production cross-section in proton-proton collisions via		
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253	Measurement of the $B \rightarrow D^* K$ branching fraction and $B \rightarrow D^* K$ CP asymmetry. Physical Review Letters, 2014, 112, 041801.	7.8	17
254	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 032001.	4.7	99
255	Test of Lepton Universality Using $B \rightarrow K^* \ell \ell$ Decays. Physical Review Letters, 2014, 113, 151601.	7.8	20
256	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 032001.	7.8	36
257	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	7.8	845
258	Observation of $B^0 \rightarrow D^* K$ Decays and Measurement of the $B^0 \rightarrow D^* K$ Mixing Angle. Physical Review Letters, 2014, 112, 091802.	7.8	39
259	Measurement of the ratio of $B \rightarrow D^* K$ fractions to $B \rightarrow D^* K$. Physical Review Letters, 2014, 113, 242002.	4.7	18
260	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	7.8	26
261	Observation of $B^0 \rightarrow D^* K$ Decays and Measurement of the $B^0 \rightarrow D^* K$ Mixing Angle. Physical Review Letters, 2014, 112, 091802.	7.8	24
262	Measurement of the ratio of $B \rightarrow D^* K$ fractions to $B \rightarrow D^* K$. Physical Review Letters, 2014, 113, 242002.	4.7	31
263	Studies of Beauty Baryon Decays to $\Lambda_b^0 \rightarrow D^* K$. Physical Review D, 2014, 90, .	4.7	31
264	Observation of charmonium pairs produced exclusively in pp collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002.	3.6	14
265	Study of χ_{c1} $\rightarrow b$ meson production in pp collisions at $\sqrt{s} = 7$ and 8 TeV. European Physical Journal C, 2014, 74, .	3.9	43
266	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \bar{K}^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	21
267	Search for CP violation in $D^{\pm} \rightarrow K^0 K^{\pm} K^{\pm}$ and $D^{\pm} \rightarrow K^0 K^{\pm} K^{\mp}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	13
268	First observations of the rare decays $B \rightarrow K^+ K^+ \bar{K}^0 + \bar{K}^0 \bar{K}^0 K^+$ and $B \rightarrow K^+ \bar{K}^0 K^+ + \bar{K}^0 K^+ K^+$. Journal of High Energy Physics, 2014, 2014, 1.	4.7	9
269	Measurement of the $\bar{B} \rightarrow b(3P)$ mass and of the relative rate of $\bar{B} \rightarrow b(1P)$ and $\bar{B} \rightarrow b(1P)$ production. Journal of High Energy Physics, 2014, 2014, 1.	4.7	20
270	Measurement of CP asymmetry in $B \rightarrow D^* K^{\pm}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	14

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289	Observation of the $B_s^0 \rightarrow J/\psi K_S^0 K_{S\pm}^{\pm}$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	8
290	Study of the kinematic dependences of $b \rightarrow c$ production in pp collisions and a measurement of the $b \rightarrow c$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	4.7	39
291	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
292	Measurement of Υ production in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	3.9	27
293	Measurement of the $B_c^+ \rightarrow \mu^+ \nu_{\mu} + \text{meson}$ lifetime using $B_c^+ \rightarrow \mu^+ \nu_{\mu} / \psi$. European Physical Journal C, 2014, 74, 2839.	3.9	43
294	Measurement of $\psi(2S)$ polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	3.9	53
295	Measurement of charged particle multiplicities and densities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2014, 74, 2888.	3.9	30
296	Search for the decay $D \rightarrow \mu^+ \nu_{\mu} \nu_{\tau}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 234-243.	4.1	19
297	Search for CP violation in the decay $D \rightarrow \mu^+ \nu_{\mu} \nu_{\tau}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	4.1	19
298	Measurement of the charge asymmetry in $D \rightarrow \mu^+ \nu_{\mu} \nu_{\tau}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	4.1	12
299	Measurement of the charge asymmetry in $D \rightarrow \mu^+ \nu_{\mu} \nu_{\tau}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	7.8	325
300	Observation of Photon Polarization in the $B_s^0 \rightarrow \mu^+ \nu_{\mu} \nu_{\tau}$ Transition. Physical Review Letters, 2014, 112, 161801.	7.8	46
301	Measurement of the charge asymmetry in $D \rightarrow \mu^+ \nu_{\mu} \nu_{\tau}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	4.1	50
302	Precision luminosity measurements at LHCb. Journal of Instrumentation, 2014, 9, P12005-P12005.	1.2	110
303	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow \mu^+ \nu_{\mu} \nu_{\tau}$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	103
304	Search for CP violation in $D \rightarrow \mu^+ \nu_{\mu} \nu_{\tau}$ and $D_s^+ \rightarrow K_S^0 \pi^+ \nu_{\mu}$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14
305	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	4.7	65
306	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

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308	Limits on neutral Higgs boson production in the forward region in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7
309	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
310	Measurement of CP observables in $B^0 \rightarrow DK^+ K^-$ with $D \rightarrow K^+ K^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	6
311	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.	4.7	53
312	Differential branching fraction and angular analysis of the $B^+ \rightarrow K^+ K^+ K^-$ decay. Journal of High Energy Physics, 2013, 2013, 1.	4.7	72
313	First evidence for the annihilation decay mode $B^+ \rightarrow D_s^+ \phi$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	13
314	Measurement of J/ψ production in pp collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	30
315	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2421.	3.9	25
316	Measurements of the branching fractions of $B^+ \rightarrow \rho^+ K^+$ decays. European Physical Journal C, 2013, 73, 2462.	3.9	24
317	Search for $B^+ \rightarrow D^+ K^+$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.1	22
318	Model-independent search for CP violation in $B^+ \rightarrow D^+ K^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	4.1	22
319	Branching fraction and CP asymmetry of the decays $B^+ \rightarrow D^+ K^+$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 203-212.	4.1	13
320	Measurement of the relative rate of prompt \bar{c}^0 , \bar{c}^1 and \bar{c}^2 production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.1	12
321	First measurement of time-dependent CP violation in $B^+ \rightarrow \rho^+ K^+$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
322	Study of $B^+ \rightarrow K^+ K^+ K^-$ decays with first observation of $B^+ \rightarrow K^+ K^+ \pi^0$ and $B^+ \rightarrow K^+ K^+ \pi^+$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14
323	Measurement of the relative rate of prompt \bar{c}^0 , \bar{c}^1 and \bar{c}^2 production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	36
324	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow \rho^0 p$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	10

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326	First observation of the decay $B_c^+ \rightarrow \psi(3700) \psi(3700)$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	41
327	Searches for $B_c^0 \rightarrow \psi(3700) \psi(3700)$ and $B_c^+ \rightarrow \psi(3700) \psi(3700)$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7
328	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	111
329	Measurement of B meson production cross-sections in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	50
330	Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1.	3.9	137
331	Observation of $B^0 \rightarrow \psi(3700) \psi(3700)$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	3.9	17
332	Search for the doubly charmed baryon Ξ_{cc}^+ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	50
333	Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	3.9	117
334	Observation of the decay $B_c^+ \rightarrow \psi(3700) K^+ K^- \pi^+$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	25
335	First observation of the decay $B_c^+ \rightarrow \psi(3700) \psi(3700)$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	9
336	First Evidence for the Decay $B_c^+ \rightarrow \psi(3700) \psi(3700)$. Physical Review Letters, 2013, 110, 021801.	7.8	292
337	First Observation of $B_c^+ \rightarrow \psi(3700) \psi(3700)$. Physical Review Letters, 2013, 110, 021801.	7.8	105
338	Search for the rare decay $K_{S^*}^0 \rightarrow \mu^+ \mu^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	13
339	A study of the Z production cross-section in pp collisions at $\sqrt{s}=7$ TeV using tau final states. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14
340	Measurement of the ratio of branching fractions $B_c^+ \rightarrow \psi(3700) \psi(3700)$. Nuclear Physics B, 2013, 871, 1-20.	2.5	48
341	Prompt charm production in pp collisions at $\sqrt{s}=7$ TeV. Nuclear Physics B, 2013, 871, 1-20.	2.5	17
342	Prompt charm production in pp collisions at $\sqrt{s}=7$ TeV. Nuclear Physics B, 2013, 871, 1-20.	2.5	228

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343	Observation of the suppressed ADS modes $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ and $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 44-53.	4.1	15
344	Measurement of the CKM angle β from a combination of $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ and $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ analyses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 15-18.	4.1	15
345	Search for direct CP violation in $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 33-43.	4.1	16
346	Search for the rare decay $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 33-43.	4.1	33
347	Measurement of the differential branching fraction of the decay $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ and measurement of the relative branching fractions of $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ and $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	4.1	54
348	Search for the rare decay $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 25-35.	4.1	15
349	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.	4.1	33
350	Measurement of the differential branching fraction of the decay $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ and measurement of the relative branching fractions of $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ and $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 25-35.	4.1	35
351	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.	2.5	35
352	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.	4.1	33
353	Observation of $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ oscillation frequency with the decay $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. New Journal of Physics, 2013, 15, 053021.	2.5	17
354	Exclusive $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ and $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045001.	7.8	65
355	Precision measurement of the $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ oscillation frequency with the decay $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. New Journal of Physics, 2013, 15, 053021.	2.5	24
356	Exclusive $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ and $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045001.	2.9	59
357	Search for the Lepton-Flavor-Violating Decays $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ and $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. Physical Review Letters, 2013, 111, 141801.	3.6	104
358	Precision Measurement of the $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ Lifetime. Physical Review Letters, 2013, 111, 102003.	4.7	35
360	Measurement of $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ violation and the $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ decay width difference with $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. Physical Review Letters, 2013, 111, 102003.	4.7	74

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362	First observations of $B \rightarrow D^* \ell \bar{\nu}_\ell$, $D_s \rightarrow D^* \ell \bar{\nu}_\ell$ and $D \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review D, 2013, 87, .	4.7	22
363	Measurement of the $\langle \cos\theta \rangle$ for $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2013, 111, 181801.	7.8	82
364	Measurement of the $\langle \cos\theta \rangle$ for $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2013, 111, 181801.	7.8	13
365	Measurement of the $\langle \cos\theta \rangle$ for $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2013, 111, 181801.	7.8	19
366	Determination of the $\langle \cos\theta \rangle$ for $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2013, 111, 181801.	4.7	19
367	Measurement of the branching fractions of the decays $B \rightarrow D^* \ell \bar{\nu}_\ell$ and $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review D, 2013, 87, .	4.7	19
368	Analysis of the resonant components in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review D, 2013, 87, .	4.7	19
369	Observation of the $\langle \cos\theta \rangle$ for $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2013, 111, 181801.	7.8	72
370	Search for the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review D, 2013, 87, .	4.7	7
371	Measurement of the polarization amplitudes in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2013, 111, 181801.	4.7	7
372	Measurement of $\langle \cos\theta \rangle$ for $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2013, 111, 181801.	7.8	101
373	Measurement of the $\langle \cos\theta \rangle$ for $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2013, 111, 181801.	4.7	32
374	Measurement of Form-Factor-Independent Observables in the Decay $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review D, 2013, 87, .	4.7	11
375	Measurement of the $\langle \cos\theta \rangle$ for $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2013, 111, 181801.	4.7	55
376	Study of $B \rightarrow D^* \ell \bar{\nu}_\ell$ and $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review D, 2013, 87, .	4.7	11
377	Measurement of the $\langle \cos\theta \rangle$ for $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2013, 110, 031801.	7.8	22
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381	Measurement of the $B \rightarrow K^0 \pi^0$ branching fraction. Physical Review Letters, 2013, 111, 112003.	7.8	51
382	First observation of $B \rightarrow K^0 \pi^0$. Physical Review Letters, 2013, 110, 151803.	4.7	20
383	Measurement of the $B \rightarrow K^0 \pi^0$ branching fraction and search for rare decays. Physical Review D, 2013, 88, 072001.	7.8	258
384	Search for Rare $B \rightarrow K^0 \pi^0$ Decays. Physical Review Letters, 2012, 108, 181806.	7.8	21
385	First Observation of the Decay $B \rightarrow K^0 \pi^0$. Physical Review Letters, 2012, 108, 251802.	7.8	62
386	Differential Branching Fraction and Angular Analysis of the Decay $B \rightarrow K^0 \pi^0$. Physical Review Letters, 2012, 108, 181806.	7.8	50
387	Lifetime in the $B \rightarrow K^0 \pi^0$ Decay. Physical Review Letters, 2012, 108, 181806.		

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399	Measurements of $B^0 \rightarrow D_s K^* \bar{K}^0$ and Evidence for $B^0 \rightarrow D_s K^* \bar{K}^0$. Physical Review Letters, 2012, 109, 131801.	7.8	27
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404	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	103
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416	Measurement of the Λ polarization in pp collisions. Physical Review D, 2010	4.1	13
417	Measurement of the polarization amplitudes and triple product asymmetries in the Λ production in pp collisions. Physical Review D, 2010	4.1	34
418	Measurement of the cross-section ratio $\sigma(\Lambda^0)/\sigma(\Sigma^0)$ in pp collisions. Physical Review D, 2010	4.1	14
419	Measurement of the cross-section ratio $\sigma(\Lambda^0)/\sigma(\Sigma^0)$ in pp collisions. Physical Review D, 2010	4.1	33
420	Measurement of the cross-section ratio $\sigma(\Lambda^0)/\sigma(\Sigma^0)$ in pp collisions. Physical Review D, 2010		

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434	Observation of CP violation in $B \rightarrow \bar{A}^+ s$	4.1	27
435	Measurement of the inclusive $B \rightarrow \bar{A}^+ s$ cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 203-212.	4.1	47
436	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2012, 72, 1.	3.9	30
437	Measurement of Λ^0 production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	153
438	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	3.9	58
439	Measurement of Λ^0 production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2025.	3.9	106
440	Search for Λ^0 production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2025.	4.7	20
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443	Measurement of Λ^0 production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	3.9	238
444	Measurement of V^0 production ratios in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	18
445	First observation of $B \rightarrow \bar{A}^+ s$	4.1	29
446	Search for the rare decays $B \rightarrow \bar{A}^+ s$	4.1	60
447	Determination of $B \rightarrow \bar{A}^+ s$	4.1	60
448	Measurement of $B \rightarrow \bar{A}^+ s$	4.1	60
449	Determination of $B \rightarrow \bar{A}^+ s$	4.1	60
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451	<p>production in pp collisions at $\sqrt{s} = 0.9$ TeV. <i>Nuclear Instrumentation and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i>, 2008, 591, 374-382.</p>	4.1	26
452	<p>Gas gain uniformity tests performed on multiwire proportional chambers for the LHCb muon system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i>, 2008, 591, 374-382.</p>	4.1	115
453	<p>Gas gain uniformity tests performed on multiwire proportional chambers for the LHCb muon system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i>, 2008, 591, 374-382.</p>	1.6	0
454	<p>The LHCb Detector at the LHC. <i>Journal of Instrumentation</i>, 2008, 3, S08005-S08005.</p>	1.2	969