

Bogdan Popovici

List of Publications by Year in descending order

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Version: 2024-02-01

388
papers

20,137
citations

11639

70
h-index

17580

121
g-index

392
all docs

392
docs citations

392
times ranked

8662
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for the CP-violating strong decays $B \rightarrow \bar{K}^* \bar{K}^0$ and $B \rightarrow \bar{K}^* (958) \bar{K}^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 233-240.	1.5	7
2	Search for the suppressed decays $B \rightarrow \bar{K}^* K^0$ and $B \rightarrow \bar{K}^* (958) K^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	1.5	9
3	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	6.5	64
4	Amplitude analysis of $B \rightarrow \bar{K}^* \bar{K}^0$. Physical Review D, 2017, 95, 074017.	1.6	92
5	Consistent with Exotic States from Amplitude Analysis of $B \rightarrow \bar{K}^* \bar{K}^0$. Physical Review Letters, 2017, 118, 081801.	2.9	150
6	Observation of the Annihilation Decay Mode $B \rightarrow \bar{K}^* \bar{K}^0$. Physical Review Letters, 2017, 118, 081801.	2.9	25
7	First Experimental Study of Photon Polarization in Radiative B_s^0 Decays. Physical Review Letters, 2017, 118, 021801.	2.9	20
8	Measurement of forward $B \rightarrow \bar{K}^* \bar{K}^0$. Physical Review Letters, 2017, 118, 021801.	1.5	7
9	Measurement of the $B \rightarrow \bar{K}^* \bar{K}^0$ and evidence for $B \rightarrow \bar{K}^* \bar{K}^0$. Physical Review Letters, 2017, 118, 052002.	1.6	21
10	Measurement of the $B \rightarrow \bar{K}^* \bar{K}^0$ Quark Production Cross Section in 7 and 13 TeV Collisions. Physical Review Letters, 2017, 118, 052002.	2.9	52
11	Measurement of the phase difference between short- and long-distance amplitudes in the $B \rightarrow \bar{K}^* \bar{K}^0$ decay. European Physical Journal C, 2017, 77, 161.	1.4	51
12	Study of the $D^0 \rightarrow \bar{K}^* \bar{K}^0$ amplitude in $B \rightarrow \bar{K}^* \bar{K}^0$ decays. Journal of High Energy Physics, 2017, 2017, 116.	11.6	54
13	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	1.4	54
14	Observation of $B \rightarrow \bar{K}^* \bar{K}^0$ and $B \rightarrow \bar{K}^* \bar{K}^0$. European Physical Journal C, 2017, 77, 72.	1.4	7
15	Measurement of CP asymmetry in $D^0 \rightarrow \bar{K}^* K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	1.5	17
16	Observation of the Decay $B \rightarrow \bar{K}^* \bar{K}^0$. Physical Review Letters, 2017, 118, 071801.	2.9	9
17	Search for long-lived scalar particles in $B \rightarrow \bar{K}^* \bar{K}^0$. Physical Review Letters, 2017, 118, 071801.	1.6	79
18	Observation of charmless baryonic decays $B \rightarrow \bar{K}^* \bar{K}^0$. Physical Review Letters, 2017, 118, 071801.	1.6	79

#	ARTICLE	IF	CITATIONS
19	Study of charmonium production in $B_s^0 \rightarrow \psi(3700) \psi(3700) \psi(3700)$ hadron decays and first evidence for the decay $B_s^0 \rightarrow \psi(3700) \psi(3700) \psi(3700)$. European Physical Journal C, 2017, 77, 609.	1.4	17
20	Observation of $B_c \rightarrow D^{(*)} K^{(*)}$ decays. Physical Review D, 2017, 95, .	1.6	12
21	Measurements of charm mixing and violation using $B \rightarrow D^{(*)} K^{(*)}$ decays. Physical Review D, 2017, 95, .	1.6	11
22	Measurement of the $B_{\pm} \rightarrow D^{(*)} K_{\pm}^{(*)}$ production asymmetry and the CP asymmetry in $B_{\pm} \rightarrow D^{(*)} K_{\pm}^{(*)}$ decays. Physical Review D, 2017, 95, .	1.6	6
23	Search for the $B_s^0 \rightarrow \psi(3700) \psi(3700)$ decay. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
24	Observation of the decay $B^0 \rightarrow D^{(*)} K^{(*)}$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	1.6	11
25	Measurement of $B \rightarrow D^{(*)} K^{(*)}$ and $B \rightarrow D^{(*)} K^{(*)}$ lifetimes. Physical Review Letters, 2017, 118, 181803.	2.9	15
26	Measurement of the CP Violation Parameter A_{CP}^{eff} in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^+ \bar{K}^-$ Decays. Physical Review Letters, 2017, 118, 261803.	2.9	20
27	Observation of $B \rightarrow D^{(*)} K^{(*)}$ and $B \rightarrow D^{(*)} K^{(*)}$ decays. Physical Review Letters, 2017, 118, 181803.	2.9	234
28	States Decaying to $B \rightarrow D^{(*)} K^{(*)}$ and $B \rightarrow D^{(*)} K^{(*)}$. Physical Review Letters, 2017, 118, 181803.	2.9	234
29	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.	1.5	8
30	Observation of $B \rightarrow D^{(*)} K^{(*)}$ and $B \rightarrow D^{(*)} K^{(*)}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	18
31	Observation of the $B \rightarrow D^{(*)} K^{(*)}$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	17
32	Measurement of the $B \rightarrow D^{(*)} K^{(*)}$ branching fraction and effective lifetime and search for $B \rightarrow D^{(*)} K^{(*)}$. Physical Review Letters, 2017, 118, 192001.	2.9	220
33	Study of $B \rightarrow D^{(*)} K^{(*)}$ production in jets. Physical Review Letters, 2017, 118, 192001.	2.9	39
34	Observation of the Decays $B^0 \rightarrow \psi(3700) \psi(3700)$ and $B^0 \rightarrow \psi(3700) \psi(3700)$. Physical Review Letters, 2017, 119, 062001.	2.9	28
35	Observation of the $B \rightarrow D^{(*)} K^{(*)}$ decay. Physical Review D, 2017, 96, .	1.6	4
36	Search for the Decays $B \rightarrow D^{(*)} K^{(*)}$ and $B \rightarrow D^{(*)} K^{(*)}$. Physical Review Letters, 2017, 118, 251802.	2.9	81

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37	Observation of the suppressed decay $\hat{b} \rightarrow b \hat{0} \hat{a} \hat{e} \hat{0} \hat{a} \hat{t} \hat{a} \hat{e} \hat{0} \hat{p} \hat{i} \hat{e} \hat{a} \hat{t} \hat{1} \hat{4} + \hat{1} \hat{4} \hat{a} \hat{t}$. Journal of High Energy Physics, 2017, 2017, 1.		15
38	LHCb Collaboration. Nuclear Physics A, 2017, 967, 987-993.	0.6	1
39	Measurement of the J/ψ pair production cross-section in pp collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	34
40	New algorithms for identifying the flavour of B^0 mesons using pions and protons. European Physical Journal C, 2017, 77, 238.	1.4	11
41	Measurements of prompt charm production cross-sections in pp collisions at $s = 5 \sqrt{s} = 5 \text{ TeV}$. Journal of High Energy Physics, 2017, 2017, .	1.6	35
42	Search for CP violation in the phase space of $D^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 345-356.	1.5	10
43	Evidence for the two-body charmless baryonic decay $B^+ \rightarrow p \bar{\Lambda}^0$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
44	Resonances and CP violation in B^0 and $B^+ \rightarrow J/\psi K^+ K^0$ decays in the mass region above the $\bar{\Lambda}(1020)$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	19
45	Measurement of $B^0 \rightarrow B^+ B^-$ and $B^+ \rightarrow B^0 B^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 133-158.	1.5	13
46	First Observation of a Baryonic $B^0 \rightarrow p \bar{\Lambda}^0$ Decay. Physical Review Letters, 2017, 119, 041802.	1.6	14
47	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	1.4	41
48	Updated branching fraction measurements of $B^0 \rightarrow s \hat{a} \hat{e} \hat{0} \hat{a} \hat{t} \hat{a} \hat{e} \hat{0} \hat{K} \hat{0} \hat{S} \hat{h} \hat{a} \hat{e} \hat{2} \hat{a} \hat{e} \hat{0} \hat{a} \hat{t}$ decays. Journal of High Energy Physics, 2017, 2017, .	1.6	6
49	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12
50	Observation of the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ and evidence for $B^0 \rightarrow \pi^+ \pi^- c \bar{c} + \pi^0$. Journal of High Energy Physics, 2017, 2017, .	1.6	6
51	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^+ \rightarrow \pi^+ J/\psi$ and $B^+ \rightarrow \pi^+ J/\psi K^+$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
52	A precise measurement of the B^0 meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.4	21
53	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	1.4	26
54	Observations of $\hat{b} \rightarrow b \hat{0} \hat{a} \hat{e} \hat{0} \hat{a} \hat{t} \hat{a} \hat{e} \hat{0} \hat{K} \hat{0} \hat{S} \hat{h} \hat{a} \hat{e} \hat{2} \hat{a} \hat{e} \hat{0} \hat{a} \hat{t}$ and $\hat{b} \rightarrow b \hat{0} \hat{a} \hat{e} \hat{0} \hat{a} \hat{t} \hat{a} \hat{e} \hat{0} \hat{K} \hat{0} \hat{S} \hat{h} \hat{a} \hat{e} \hat{2} \hat{a} \hat{e} \hat{0} \hat{a} \hat{t}$ decays and searches for other $\hat{b} \rightarrow b \hat{0}$ and $\hat{b} \rightarrow b \hat{0}$ decays to \hat{b} final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24

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55	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.	1.6	16
56	Observation of $B^0 \rightarrow (2S) p K^+$ and $B^0 \rightarrow \bar{K}^* + \bar{K}^0 p K^+$ decays and a measurement of the B^0 baryon magnetic moment. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
57	Measurement of the properties of the Λ_b^0 baryon. Journal of High Energy Physics, 2016, 2016, .	1.6	21
58	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.	1.6	37
59	Measurement of the CKM angle $\hat{\beta}$ using $B^0 \rightarrow DK^*$ with $D \rightarrow K S^0 \bar{K}^0 + \bar{K}^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	8
60	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.	1.6	23
61	Measurement of the ratio of branching fractions $\hat{a}_{\rightarrow Bc} + \hat{a}_{\rightarrow J/\psi K} + \hat{a}_{\rightarrow Bc} + \hat{a}_{\rightarrow J}$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
62	Measurement of forward $W^+ e^{1/2}$ production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
63	Measurement of the CKM angle $\hat{\beta}$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
64	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ \bar{K}^0 \pi^+ + \pi^0 \pi^+$ decays and the $B^0 \rightarrow K^+ \bar{K}^0 \pi^0$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	1.6	75
65	Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	1.5	77
66	A new algorithm for identifying the flavour of B^0 mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	0.5	12
67	Amplitude analysis of $B^0 \rightarrow \bar{K}^* \pi^+$ decays. Physical Review D, 2016, 94, .	1.6	72
68	Study of B_c^+ decays to the $K^+ \bar{K}^* \bar{K}^0$ final state and evidence for the decay $B_c^+ \rightarrow \bar{K}^* \bar{K}^0 \pi^+$. Physical Review D, 2016, 94, .	1.6	20
69	Measurement of $C \rightarrow P$ Violation in $B^0 \rightarrow \bar{K}^* \pi^+$ decays. Physical Review D, 2016, 94, .	2.9	12
70	Measurement of the $D^0 \rightarrow \bar{K}^* \pi^+$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 484-492.	1.5	6
71	Search for the lepton-flavour violating decay $D^0 \rightarrow e^+ \mu^- \pi^+$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	1.5	20
72	Model-independent measurement of the CKM angle $\hat{\beta}$ using $B^0 \rightarrow DK^*$ decays with $D \rightarrow K S^0 \bar{K}^0 + \bar{K}^0 \bar{K}^0$ and $K_S^0 K^+ \bar{K}^+$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	9

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73	Measurements of long-range near-side angular correlations in proton-lead collisions in the forward region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 473-483.	1.5	17
74	Search for B_c^+ decays to the $p\bar{p}4\ell^+\ell^-$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	1.5	12
76	Observation of the $B^0 \rightarrow \pi^0 \pi^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	1.5	14
77	Measurement of CP observables in $B^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0$ with two- and four-body D decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	1.5	20
78	Measurement of the $B^0 \rightarrow \pi^0 \pi^0$ Asymmetry in $B^0 \rightarrow \pi^0 \pi^0$ Mixing.	2.9	22
79	Evidence for Exotic Hadron Contributions to $B^0 \rightarrow \pi^0 \pi^0$ Mixing.	2.9	102
80	Studies of the resonance structure in $B^0 \rightarrow \pi^0 \pi^0$.	2.9	110
81	Measurement of the mass and lifetime of the $B^0 \rightarrow \pi^0 \pi^0$ baryon.	1.6	13
82	Measurement of the mass and lifetime of the $B^0 \rightarrow \pi^0 \pi^0$ baryon.	1.6	13
83	First observation of the rare $B^0 \rightarrow \pi^0 D^+ K^-$ decay. Physical Review D, 2016, 93, .	1.6	5
84	Measurement of the $B_s^0 \rightarrow D_s^+ D_s^{*-}$ branching fractions. Physical Review D, 2016, 93, .	1.6	5
85	Constraints on the unitarity triangle angle β from Dalitz plot analysis of $B^0 \rightarrow \pi^0 \pi^0$.	1.6	13
86	Observation of $B_s^0 \rightarrow D^+ D_s^-$ and Evidence for $B_s^0 \rightarrow D^+ D_s^{*-}$ Decays. Physical Review Letters, 2016, 116, 161802.	2.9	6
87	Measurement of the Difference of Time-Integrated Asymmetries in $B^0 \rightarrow \pi^0 \pi^0$.	2.9	42
88	Symmetry in $B^0 \rightarrow \pi^0 \pi^0$.	2.9	31
89	Search for Structure in the $B^0 \rightarrow \pi^0 \pi^0$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	2.9	78
90			

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91	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ in the K_S^0 region. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
92	Study of $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ mesons decaying to $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^-$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
93	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
94	Study of $\tilde{\chi}(2S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
95	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	13
96	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
97	First observation of the decay $B^0 \rightarrow K^+ K^- K^+ K^-$ (892) at LHCb. Journal of High Energy Physics, 2016, 2016, 1.	1.6	5
98	Observation of the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
99	First observation of the decay $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ in the D^0 region of the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	1.5	13
100	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.	1.6	304
101	Study of CP violation in $B^0 \rightarrow D^+ D^-$ ($h=K, \pi$) with the modes $D^+ \rightarrow K^+ \pi^0, D^+ \rightarrow \pi^+ \pi^0$ and $D^+ \rightarrow K^+ \pi^0$. Physical Review D, 2015, 91, .	1.6	14
102	Study of $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay using 3 fb $^{-1}$ of integrated luminosity. Journal of High Energy Physics, 2015, 92, .	1.6	6
103	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	2.9	22
104	Evidence for the Strangeness-Changing Weak Decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$. Physical Review Letters, 2015, 115, 112001.	2.9	25
105	First observation and amplitude analysis of the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay. Physical Review D, 2015, 92, .	1.6	50
106	Quantum numbers of the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay. Physical Review D, 2015, 92, .	1.6	69
107	Amplitude analysis of $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay. Physical Review D, 2015, 92, .	1.6	30
108	Dalitz plot analysis of $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay. Physical Review D, 2015, 92, .	1.6	80

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109	Study of $\langle W \rangle$ boson production in association with beauty and charm. Physical Review D, 2015, 92, .	1.6	22
110	Measurement of the branching fraction ratio $B(B_c \rightarrow \tau^+ \bar{\nu}_\tau) / B(B_c \rightarrow J/\psi \bar{\nu}_c)$. Physical Review D, 2015, 92, .	1.6	14
111	Search for the rare decays $B_0 \rightarrow \tau^+ \bar{\nu}_\tau$ and $B_s \rightarrow \tau^+ \bar{\nu}_\tau$. Physical Review D, 2015, 92, .	1.6	8
112	Model-independent confirmation of the $Z \rightarrow \tau^+ \tau^-$ violation in $C \rightarrow P$. Physical Review Letters, 2015, 92, .	1.5	15
113	Measurement of the ratio of branching fractions $B(B \rightarrow \tau^+ \bar{\nu}_\tau) / B(B \rightarrow \mu^+ \bar{\nu}_\mu)$. Physical Review Letters, 2015, 115, 031801.	2.9	30
114	Observation of the $B_s \rightarrow \tau^+ \bar{\nu}_\tau$ Decay. Physical Review Letters, 2015, 115, 051801.	2.9	9
115	Observation of J/ψ resonances consistent with Pentaquark States in $B \rightarrow p \bar{\nu}_p$. Physical Review Letters, 2015, 115, 051801.	2.9	816
116	Measurement of the Ratio of Branching Fractions $B(B \rightarrow \tau^+ \bar{\nu}_\tau) / B(B \rightarrow \mu^+ \bar{\nu}_\mu)$. Physical Review Letters, 2015, 115, 031801.		

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127	First observation and measurement of the branching fraction for the decay $B_s^0 \rightarrow D_s^- K^+$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	7
128	First measurement of the differential branching fraction and CP asymmetry of the $B^{\pm} \rightarrow \bar{D}^0 K^{\pm}$ decay. Journal of High Energy Physics, 2015, 2015, .	1.6	36
129	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	13
130	Measurement of CP violation parameters and polarisation fractions in $B_s^0 \rightarrow J/\psi K^{\pm} K^{\mp}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
131	Measurement of forward $Z \rightarrow e^+e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
132	Differential branching fraction and angular analysis of $B^0 \rightarrow \bar{D}^0 K^{\pm}$ decays. Journal of High Energy Physics, 2015, 2015, .	1.6	82
133	Measurement of the time-dependent CP asymmetries in $B_s^0 \rightarrow K^+ K^-$. Journal of High Energy Physics, 2015, 2015, .	1.6	12
134	Search for the decay $B_s^0 \rightarrow \bar{D}^0 \gamma$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
135	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
136	Observation of the decay $B^0 \rightarrow \bar{D}^0 K^+ K^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	1.5	13
137	Angular analysis and differential branching fraction of the decay $B^0 \rightarrow \bar{D}^0 K^+ K^-$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	191
138	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
139	Angular analysis of the $B^0 \rightarrow \bar{D}^0 K^+ K^-$ decay in the low- q^2 region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
140	Determination of the branching fractions of $B_s^0 \rightarrow D_s^{\pm} K^{\mp}$ and $B^0 \rightarrow D^{\pm} K^{\mp}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
141	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. European Physical Journal C, 2015, 75, 595.	1.4	11
142	Observation of the $B^0 \rightarrow \bar{D}^0 K^+ K^-$ decay from an amplitude analysis of $B^0 \rightarrow \bar{D}^0 K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	1.5	14
143	Measurement of the branching fraction of the decay $B^0 \rightarrow \bar{D}^0 K^+ K^-$ using the $B^0 \rightarrow \bar{D}^0 K^+ K^-$ decay. Journal of High Energy Physics, 2015, 2015, 1.	1.6	29
144	Observation of Two New Resonances. Physical Review Letters, 2015, 114, 062004.	2.9	47

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145	Measurement of the CP-violating phase $\hat{\Gamma}_2$ in $B \rightarrow D^* \bar{K}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 38-49.	1.5	31
146	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	6.5	105
147	Determination of $\hat{\Gamma}_3$ and 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
148	Study of the rare $B \rightarrow D^* \bar{K}^0$ and $B^0 \rightarrow D^* \bar{K}^0$ decays into the $\hat{\Gamma}_4 + \hat{\Gamma}_4$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 46-55.	1.5	17
149	Precision Measurement of $B \rightarrow D^* \bar{K}^0$ Asymmetry in $B \rightarrow D^* \bar{K}^0$ decays. Journal of High Energy Physics, 2015, 2015, 1-4.	2.9	32
150	Violation in $B \rightarrow D^* \bar{K}^0$ decays. Journal of High Energy Physics, 2015, 2015, 1-4.	2.9	65
151	Measurement of $B \rightarrow D^* \bar{K}^0$ in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2015, 114, 132001.	2.9	61
152	LHCb detector performance. International Journal of Modern Physics A, 2015, 30, 1530022.	0.5	604
153	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	1.4	44
154	Search for CP violation in $B \rightarrow D^* \bar{K}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.	1.5	20
155	Study of $\hat{\Gamma}_3$ $\hat{\Gamma}_3$ mixing from measurement of $B \rightarrow D^* \bar{K}^0$ ($\hat{\Gamma}_3$) decay rates. Journal of High Energy Physics, 2015, 2015, .	1.6	13
156	Measurement of the Z+b-jet cross-section in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	9
157	Search for the lepton flavour violating decay $B \rightarrow D^* \bar{K}^0$. Journal of High Energy Physics, 2015, 2015, 1-4.	1.6	32
158	Precise measurements of the properties of the $B(5721)0,+$ and $B(5747)0,+$ states and observation of $B \rightarrow D^* \bar{K}^0$ mass structures. Journal of High Energy Physics, 2015, 2015, 1.	1.6	21
159	Measurement of indirect CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 \bar{K}^0$ decays using semileptonic B decays. Journal of High Energy Physics, 2015, 2015, .	1.6	17
160	Observation of the rare $B_s^0 \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. Nature, 2015, 522, 68-72.	13.7	390
161	Identification of beauty and charm quark jets at LHCb. Journal of Instrumentation, 2015, 10, P06013-P06013.	0.5	42
162	Measurement of the $\sigma_c(1S) \cdot \sigma_c(1S)$ production cross-section in proton-proton collisions via		

#	ARTICLE	IF	CITATIONS
163	Measurement of the $C \rightarrow P$ -Violating Phase in $B \rightarrow \bar{D}^* K$ Decays. Physical Review Letters, 2014, 113, 082003.	2.9	29
164	Measurement of the resonant and $B \rightarrow \bar{D}^* K$ components in $B \rightarrow \bar{D}^* K$ decays. Physical Review Letters, 2014, 113, 152003.	1.6	14
165	Measurement of the resonant and $B \rightarrow \bar{D}^* K$ components in $B \rightarrow \bar{D}^* K$ decays. Physical Review Letters, 2014, 113, 152003.	1.6	65
166	Updated measurements of exclusive $\bar{B} \rightarrow \bar{D}^* K$ and $\bar{B} \rightarrow \bar{D}^* K$ 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
167	Measurement of CP asymmetries in the decays $B \rightarrow \bar{D}^* K$ and $B \rightarrow \bar{D}^* K$. Journal of High Energy Physics, 2014, 2014, .	1.6	26
168	Observation of $B \rightarrow \bar{D}^* K$ and evidence for $B \rightarrow \bar{D}^* K$ decays. New Journal of Physics, 2014, 16, 123001.	1.2	13
169	Measurement of CP violation and constraints on the CKM angle $\hat{\Gamma}^3$ in $B \rightarrow \bar{D}^* K$ decays. Nuclear Physics B, 2014, 888, 169-193.	0.9	27
170	Measurement of the $B \rightarrow \bar{D}^* K$ and $B \rightarrow \bar{D}^* K$ 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.	1.5	23
171	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. Physical Review Letters, 2014, 113, 082003.	2.9	15
172	Measurement of the resonant and $B \rightarrow \bar{D}^* K$ components in $B \rightarrow \bar{D}^* K$ decays. Physical Review Letters, 2014, 113, 152003.	2.9	27
173	First Observation of a Baryonic B_c Decay. Physical Review Letters, 2014, 113, 152003.	2.9	28
174	Measurement of resonant and $B \rightarrow \bar{D}^* K$ components in $B \rightarrow \bar{D}^* K$ decays. Physical Review Letters, 2014, 113, 152003.	1.6	73
175	Search for Majorana Neutrinos in $B \rightarrow \bar{D}^* K$ Decays. Physical Review Letters, 2014, 112, 131802.	2.9	106
176	Measurement of the $B \rightarrow \bar{D}^* K$ Meson Lifetime in $D_s \rightarrow \bar{D}^* K$ Decays. Physical Review Letters, 2014, 113, 172001.	2.9	14
177	Measurement of the resonant and $B \rightarrow \bar{D}^* K$ components in $B \rightarrow \bar{D}^* K$ decays. Physical Review Letters, 2014, 113, 152003.	2.9	78
178	Measurement of the resonant and $B \rightarrow \bar{D}^* K$ components in $B \rightarrow \bar{D}^* K$ decays. Physical Review Letters, 2014, 113, 152003.	1.6	67
179	Measurement of the resonant and $B \rightarrow \bar{D}^* K$ components in $B \rightarrow \bar{D}^* K$ decays. Physical Review Letters, 2014, 113, 152003.	2.9	80
180	Measurement of the resonant and $B \rightarrow \bar{D}^* K$ components in $B \rightarrow \bar{D}^* K$ decays. Physical Review Letters, 2014, 112, 111802.	2.9	17

#	ARTICLE	IF	CITATIONS
181	Direct analysis of $B \rightarrow D^* K^0$ decays. Physical Review Letters, 2014, 112, 041801.	1.6	99
182	Measurements of indirect CP violation in $B \rightarrow D^* K^0$ decays. Physical Review Letters, 2014, 112, 041801.	2.9	20
183	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 032001.	2.9	36
184	LHCb Collaboration. Nuclear Physics A, 2014, 932, 621-626.	0.6	1
185	Test of Lepton Universality Using $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2014, 113, 151601.	2.9	845
186	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 242002.	2.9	39
187	Search for CP violation in $B \rightarrow D^* K^0$ decays. Physical Review D, 2014, 90, .	1.6	18
188	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	2.9	26
189	Observation of $B^0 \rightarrow \pi^+ \pi^- \rho^0$ Decays and Measurement of the ρ^0 Mixing Angle. Physical Review Letters, 2014, 112, 091802.	2.9	24
190	Measurement of the ratio of $B \rightarrow D^* K^0$ fractions to $B \rightarrow D^* K^0$. Physical Review D, 2014, 90, .	1.6	31
191	Studies of beauty baryon decays to $\Lambda_b^0 \rightarrow D^* K^0$. Physical Review D, 2014, 89, .	1.6	31
192	Observation of charmonium pairs produced exclusively in pp collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002.	1.4	14
193	Study of χ_{c1} $\rightarrow b$ meson production in pp collisions at $\sqrt{s} = 7$ and 8 TeV. European Physical Journal C, 2014, 74, .	1.4	43
194	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21
195	Search for CP violation in $D^{\pm} \rightarrow K^0 K^{\pm} \pi^0$ and $D^{\pm} \rightarrow K^{\pm} \pi^0 \pi^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
196	First observations of the rare decays $B \rightarrow K^* K^0 \pi^0$ and $B \rightarrow K^* K^0 \pi^+$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	9
197	Measurement of the B meson mass and of the relative rate of $B \rightarrow D^* K^0$ and $B \rightarrow D^* K^0$ production. Journal of High Energy Physics, 2014, 2014, 1.	1.6	20
198	Measurement of the CKM angle β_3 using $B \rightarrow D^* K^0$ with $D^* \rightarrow K^0 \pi^0$ and $D^* \rightarrow K^0 \pi^+$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22

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199	Measurement of CP asymmetry in $B_s^0 \rightarrow D_s^{\pm} K^{\pm}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	14
200	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
201	Measurement of the flavour-specific CP-violating asymmetry in $B \rightarrow \pi K$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.5	34
202	Study of CP violation in $B \rightarrow \pi K$ and $B \rightarrow \pi \pi$ decays with charm. Journal of High Energy Physics, 2014, 2014, 1.	1.5	13
203	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
204	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
205	Measurement of the effective lifetime in $B \rightarrow \pi K$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.5	13
206	Effective lifetime measurements in the $B \rightarrow \pi K$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.5	13
207	Evidence for the decay $B \rightarrow \pi K$. Journal of High Energy Physics, 2014, 2014, 1.	1.5	40
208	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	0.9	114
209	Searches for Λ_b^0 and Ξ_b^0 decays to $K_S^0 \pi^0$ and $K_S^0 \pi^+$ final states with first observation of the $\Lambda_b^0 \rightarrow K_S^0 \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	34
210	Searches for Λ_b^0 and Ξ_b^0 decays to $K_S^0 \pi^0$ and $K_S^0 \pi^+$ final states with first observation of the $\Lambda_b^0 \rightarrow K_S^0 \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
211	Observation of associated production of a Z boson with a D meson in the forward region. Journal of High Energy Physics, 2014, 2014, 1.	1.6	11
212	Measurements of the B^+ , B^0 , B_s^0 meson and Λ_b^0 baryon lifetimes. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26
213	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow \pi^+ K^{*0}(892)$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
214	Angular analysis of charged and neutral $B \rightarrow K^{1/2} + \bar{1/4} \pi^{\pm}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26
215	Evidence for the decay $B \rightarrow \pi^+ K^{*0}(892)$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	16
216	Differential branching fractions and isospin asymmetries of $B \rightarrow K^{*0}(892) \pi^{\pm}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	206

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217	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 K^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	52
218	Study of Υ 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	33
219	Observation of the $\bar{b} \rightarrow c \ell \bar{\nu}_\ell$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
220	Observation of the $B_s^0 \rightarrow K^+ K^-$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	8
221	Study of the kinematic dependences of $\bar{b} \rightarrow c$ production in pp collisions and a measurement of the $\bar{b} \rightarrow c$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
222	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
223	Measurement of Υ production in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	1.4	27
224	Measurement of the $B_c^+ \rightarrow B^+ \mu^+ \nu_\mu$ meson lifetime using $B_c^+ \rightarrow B^+ \psi$ $\mu^+ \nu_\mu$. European Physical Journal C, 2014, 74, 2839.	1.4	43
225	Measurement of $\psi(2S)$ polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	1.4	53
226	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.	1.4	30
227	Search for the decay $D \rightarrow K^+ K^- \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 234-243.	1.5	19
228	Search for CP violation in the decay $D \rightarrow K^+ K^- \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	1.5	19
229	Observation of the Resonant Character of the $D \rightarrow K^+ K^- \pi^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	1.5	12
230	Precision measurement of the ratio of the $D \rightarrow K^+ K^- \pi^0$ to $D \rightarrow K^+ K^- \pi^0$ transition. Physical Review Letters, 2014, 112, 081801.	2.9	325
231	Observation of Photon Polarization in the $D \rightarrow K^+ K^- \pi^0$ Transition. Physical Review Letters, 2014, 112, 081801.	2.9	46
232	Precision measurement of the ratio of the $D \rightarrow K^+ K^- \pi^0$ to $D \rightarrow K^+ K^- \pi^0$ transition. Physical Review Letters, 2014, 112, 081801.	1.5	50
233	Precision luminosity measurements at LHCb. Journal of Instrumentation, 2014, 9, P12005-P12005.	0.5	110
234	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow K^+ K^- \pi^0$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	103

#	ARTICLE	IF	CITATIONS
235	Search for CP violation in $D + \hat{\pi}^+ \bar{K}^0$ and $D_s^+ \rightarrow K_S^0 \pi^+$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
236	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	1.6	65
237	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
238	Measurement of the $B \rightarrow K \pi^+ \pi^-$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
239	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.	1.6	7
240	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.	1.6	89
241	Measurement of CP observables in $B \rightarrow DK^0$ with $D \rightarrow K^+ K^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	6
242	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
243	Differential branching fraction and angular analysis of the $B \rightarrow K^+ K^+ \pi^-$ decay. Journal of High Energy Physics, 2013, 2013, 1.	1.6	72
244	First evidence for the annihilation decay mode $B^0 \rightarrow D_s^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, .	1.6	13
245	Measurement of J/ψ production in pp collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	30
246	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2421.	1.4	25
247	Measurements of the branching fractions of $B^0 \rightarrow \rho^+ K^-$ decays. European Physical Journal C, 2013, 73, 2462.	1.4	24
248	Search for CP violation in $D \rightarrow K^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 203-212.	1.5	22
249	Model-independent search for CP violation in $D \rightarrow K^+ \pi^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.5	22
250	Measurement of the time-dependent CP asymmetry in $B \rightarrow K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	1.5	22
251	Measurement of the time-dependent CP asymmetry in $B \rightarrow K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 203-212.	1.5	12
252	First measurement of time-dependent CP violation in $B_s^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28

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253	Study of $B_{(s)}^0 K_{\text{charm}}^0 \{h^+\} \{h^{\prime -}\}$ decays with first observation of $B_{(s)}^0 K_{\text{charm}}^0 \{K^{\pm}\} \{\pi^{\mp}\}$ and $B_{(s)}^0 K_{\text{charm}}^0 \{\pi^+\} \{\pi^-\}$. Journal of High Energy Physics, 2013, 2013, .	1.6	14
254	Measurement of the relative rate of prompt $c0$, $c1$ and $c2$ production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	36
255	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow \overline{p} \pi^+$. Journal of High Energy Physics, 2013, 2013, .	1.6	10
256	Study of D J meson decays to $D \{h^+\}$, $D \{h^0\}$ and $D \{h^-\}$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	1.6	82
257	First observation of the decay $B_c^+ \rightarrow \{ \psi \{K^+\} \}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	41
258	Searches for $B_{(s)}^0 \rightarrow \{ \psi \{p\} \}$ and $B \rightarrow \{ \psi \{p\} \}$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7
259	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	111
260	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
261	Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1.	1.4	137
262	Observation of $B^0 \rightarrow s \overline{B}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	1.4	17
263	Search for the doubly charmed baryon Ξ_{cc}^+ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
264	Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	1.4	117
265	Observation of the decay $B_c^+ \rightarrow \{ \psi \{K^+ K^-\} \}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	25
266	First observation of the decay $B_{(s)}^0 \rightarrow \overline{K}^0 \{K^+\}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	9
267	First Evidence for the Decay $B_c^+ \rightarrow \{ \psi \{K^+ K^-\} \}$. Physical Review Letters, 2013, 110, 021801.	2.99	292
268	First Observation of $B_c^+ \rightarrow \{ \psi \{K^+ K^-\} \}$ Violation in the Decays of $B_c^+ \rightarrow \{ \psi \{K^+ K^-\} \}$. Physical Review Letters, 2013, 110, 221601.	2.9	105
269	Search for the rare decay $K_{\text{charm}}^0 \rightarrow \{ \mu^+ \} \{ \mu^- \}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	13
270	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.	1.6	14

#	ARTICLE	IF	CITATIONS
325	Strong Constraints on the Rare Decays $B \rightarrow s \gamma$. Physical Review Letters, 2012, 108, 231801.	2.9	160
326	Search for Lepton Number Violating Decays $B \rightarrow \tau \bar{\nu}_\mu + \nu_\mu + \tau$ and $B \rightarrow \tau \bar{\nu}_\mu + \nu_\mu + \tau$. Physical Review Letters, 2012, 108, 101601.	2.9	39
327	Measurement of the $C \rightarrow P$ -Violating Phase in the Search for the $\bar{t} \rightarrow c s$ Decay. Physical Review Letters, 2012, 108, 101601.	2.9	108
328	Search for the $X \rightarrow \gamma \gamma$ Decay. Physical Review Letters, 2012, 108, 101601.	1.6	65
329	First observation of the decays $B \rightarrow D_s + K^* \bar{\nu}_\mu + \nu_\mu$ and $B \rightarrow D_s + K^* \bar{\nu}_\mu + \nu_\mu$. Physical Review D, 2012, 86, 16101.	1.6	10
330	Measurements of the $B \rightarrow c \bar{c} \gamma$ and Mass with the $B \rightarrow c \bar{c} \gamma$ Decay. Physical Review Letters, 2012, 108, 101601.	2.9	75
331	Measurement of the $B \rightarrow D^* \bar{\nu}_\mu + \nu_\mu$ Decay. Physical Review Letters, 2012, 108, 101601.	2.9	27
332	Publisher's Note: Evidence for CP Violation in Time-Integrated $D \rightarrow \bar{h} h$ decay rates [Phys. Rev. Lett. 108, 111602 (2012)]. Physical Review Letters, 2012, 108, .	2.9	6
333	Observation of $B \rightarrow D^* \bar{\nu}_\mu + \nu_\mu$ (1525) in $B \rightarrow K^* \bar{\nu}_\mu + \nu_\mu$ Final States. Physical Review Letters, 2012, 108, 151801.	2.9	21
334	Absolute luminosity measurements with the LHCb detector at the LHC. Journal of Instrumentation, 2012, 7, P01010-P01010.	0.5	41
335	Measurement of the $B \rightarrow \bar{c} c$ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	22
336	Measurements of the branching fractions of the decays $B \rightarrow D^* \bar{\nu}_\mu + \nu_\mu$ and $B \rightarrow D^* \bar{\nu}_\mu + \nu_\mu$. Journal of High Energy Physics, 2012, 2012, .	1.6	19
337	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
338	Measurement of the isospin asymmetry in $B \rightarrow K^* \bar{\nu}_\mu + \nu_\mu$ decays. Journal of High Energy Physics, 2012, 2012, 165	1.6	165
339	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. Journal of High Energy Physics, 2012, 2012, .	1.6	56
340	Study of $D \rightarrow K^* \bar{\nu}_\mu + \nu_\mu$ and $D \rightarrow K^* \bar{\nu}_\mu + \nu_\mu$ final states in pp collisions. Journal of High Energy Physics, 2012, 2012, .	1.6	29
341	Measurement of the fraction of $\bar{t} \rightarrow b \gamma$ (1S) originating from $\bar{t} \rightarrow b \gamma$ (1P) decays in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	18
342	First observation of the decay $B \rightarrow \tau \bar{\nu}_\mu + \nu_\mu + \tau$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	36

#	ARTICLE	IF	CITATIONS
343	Evidence for CP Violation in Time-Integrated Rates. <i>Physical Review Letters</i> , 2012, 108, 111602.	2.9	181
344	Measurements of the branching fractions and CP asymmetries of $B^{\pm} \rightarrow \bar{D}^0 \pi^{\pm}$ and $B^{\pm} \rightarrow \bar{D}^0 \pi^{\pm} (2S)$ decays. <i>Physical Review D</i> , 2012, 85, .	1.6	20
345	First Evidence of Direct CP Violation in Charmless Two-Body Decays of $B^0 \rightarrow \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2012, 108, 111602.	2.9	49
346	Measurement of the ratio of branching fractions $R_{D^*} = \frac{\mathcal{B}(B^0 \rightarrow \pi^+ D^{*-})}{\mathcal{B}(B^0 \rightarrow \pi^+ D^{*0})}$. <i>Physical Review Letters</i> , 2012, 108, 111602.		

#	ARTICLE	IF	CITATIONS
361	Inclusive W and Z production in the forward region at $\sqrt{s} = 7, \sqrt{13}$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	71
362	Observation of χ_{c0} pair production in pp collisions at $\sqrt{s} = 7, \sqrt{13}$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 52-59.	1.5	123
363	Measurement of the CP violating phase $\arg(\tau_{12})$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 52-59.	1.5	34
364	Measurement of the CP violating phase $\arg(\tau_{12})$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 52-59.	1.5	34
365	Search for the rare decays $B \rightarrow A \ell^+ \ell^-$ and $B \rightarrow A \ell^+ \ell^- \gamma$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 55-67.	1.5	58
366	Measurement of b-hadron masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	1.5	58
367	Measurement of the $B \rightarrow A \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 177-184.	1.5	27
368	Measurement of the $B \rightarrow A \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 177-184.	1.5	47
369	Observation of CP violation in $B \rightarrow A \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 203-212.	1.4	30
370	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7-13$ TeV in the forward region. European Physical Journal C, 2012, 72, 1.	1.4	30
371	Observation of $X(3872)$ production in pp collisions at $\sqrt{s} = 7-13$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	153
372	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	1.4	58
373	Measurement of χ_{c0} production in pp collisions at $\sqrt{s} = 7-13$ TeV. European Physical Journal C, 2012, 72, 2025.	1.4	106
374	Search for $C \rightarrow P$ violation in $B \rightarrow A \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 203-212.	1.6	20
375	First observation of the decay $B \rightarrow A \ell^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 203-212.	1.5	20
376	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 7-13$ TeV. European Physical Journal C, 2011, 71, 1.	1.5	15
377	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 7-13$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	238
378	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.	1.6	18

#	ARTICLE	IF	CITATIONS
379	First observation of $B \rightarrow \pi \pi$ decays. <i>Physical Review Letters</i> , 2001, 86, 1547. $B \rightarrow \pi \pi$	1.5	29
380	Search for the rare decays $B \rightarrow \pi \pi$. <i>Physical Review Letters</i> , 2001, 86, 1547. $B \rightarrow \pi \pi$	1.5	60
381	Measurements of the branching fractions for $B \rightarrow \pi \pi$ decays. <i>Physical Review Letters</i> , 2001, 86, 1547. $B \rightarrow \pi \pi$	2.9	28
382	Determination of $B \rightarrow \pi \pi$ decays. <i>Physical Review Letters</i> , 2001, 86, 1547. $B \rightarrow \pi \pi$	0.3	0
383	Production of $B \rightarrow \pi \pi$ decays. <i>Physical Review Letters</i> , 2001, 86, 1547. $B \rightarrow \pi \pi$	1.5	26
386	Measurement of $B \rightarrow \pi \pi$ decays. <i>Physical Review Letters</i> , 2001, 86, 1547. $B \rightarrow \pi \pi$	1.5	115
387	CHARGE DENSITY INFLUENCE ON MACROSCOPIC DEFORMATION ENERGY. <i>International Journal of Modern Physics E</i> , 2010, 19, 1411-1423.	0.4	0
388	ALPHA HALF-TIME ESTIMATES FOR THE SUPERHEAVY ELEMENTS. , 2007, , .		0