

CÃ©dric Potterat

List of Publications by Year in descending order

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Version: 2024-02-01

280
papers

17,262
citations

16451

64
h-index

18647

119
g-index

280
all docs

280
docs citations

280
times ranked

8272
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of CP violation in $B \rightarrow D^* K$ with the modes $B \rightarrow D^* K$ and $B \rightarrow D^* K$. Physical Review D, 2015, 91, .	4.7	14
2	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	7.8	22
3	First observation and amplitude analysis of the $B \rightarrow D^* K$ quantum numbers of the $B \rightarrow D^* K$. Physical Review D, 2015, 92, .	4.7	50
4	Amplitude analysis of the $B \rightarrow D^* K$ quantum numbers of the $B \rightarrow D^* K$. Physical Review D, 2015, 92, .	4.7	69
5	Dalitz plot analysis of $B \rightarrow D^* K$. Physical Review D, 2015, 92, .	4.7	30
6	Study of $B \rightarrow D^* K$ boson production in association with beauty and charm. Physical Review D, 2015, 92, .	4.7	80
7	Measurement of the branching fraction ratio $B(B \rightarrow D^* K) / B(B \rightarrow D^* K)$. Physical Review D, 2015, 92, .	4.7	22
8	Measurement of the branching fraction ratio $B(B \rightarrow D^* K) / B(B \rightarrow D^* K)$. Physical Review D, 2015, 92, .	4.7	14
9	Violation in $B \rightarrow D^* K$. Physical Review Letters, 2015, 115, 031601.	7.8	30
10	Observation of the $B \rightarrow D^* K$ Decay. Physical Review Letters, 2015, 115, 051801.	7.8	9
11	Resonances Consistent with Pentaquark States in $B \rightarrow D^* K$. Physical Review Letters, 2015, 115, 031601.	7.8	816
12	Measurement of the Ratio of Branching Fractions $B \rightarrow D^* K$. Physical Review D, 2015, 92, .		

#	ARTICLE	IF	CITATIONS
19	Measurement of the $B_s \rightarrow \bar{c} \ell \nu$ branching fraction and search for the decay $B \rightarrow \bar{c} \ell \nu$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	11
20	First observation and measurement of the branching fraction for the decay $B \rightarrow \bar{c} D_s^- \bar{c} K^+$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	7
21	Measurement of forward $Z \rightarrow e^+ e^-$ production at $\sqrt{s} = 8 \sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
22	Differential branching fraction and angular analysis of $B \rightarrow \bar{c} \ell \nu$ decays. Journal of High Energy Physics, 2015, 2015, .	4.7	82
23	Measurement of the time-dependent CP asymmetries in $B \rightarrow \bar{c} \ell \nu$. Journal of High Energy Physics, 2015, 2015, .	4.7	12
24	Search for the decay $B_s \rightarrow \bar{c} \ell \nu$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	17
25	Observation of the decay $B \rightarrow \bar{c} \ell \nu$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	4.1	13
26	Angular analysis and differential branching fraction of the decay $B \rightarrow \bar{c} \ell \nu$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	191
27	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	14
28	Angular analysis of the $B \rightarrow \bar{c} \ell \nu$ decay in the low- q^2 region. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
29	Determination of the branching fractions of $B \rightarrow \bar{c} \ell \nu$ and $B \rightarrow \bar{c} \ell \nu$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	6
30	Observation of the $B \rightarrow \bar{c} \ell \nu$ decay from an amplitude analysis of $B \rightarrow \bar{c} \ell \nu$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	4.1	14
31	Observation of Two New Resonances. Physical Review Letters, 2015, 114, 062004.	7.8	47
32	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	16.7	105
33	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, 742, 38-49.	4.1	31
34	Determination of the rare and $B \rightarrow \bar{c} \ell \nu$ decays into the $\bar{c} \ell \nu$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 46-55.	4.1	17

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55	Measurement of CP asymmetries in the decays $B^0 \rightarrow K^* K^0$ and $B^+ \rightarrow K^* K^+$. Journal of High Energy Physics, 2014, 2014, .	4.7	26
56	Observation of $B_{s^0} \rightarrow K^* \pi^0$ and evidence for $B_{s^0} \rightarrow K^* \pi^0$ decays. New Journal of Physics, 2014, 16, 123001.	2.9	13
57	Measurement of CP violation and constraints on the CKM angle β^3 in $B_{d,s}^0 \rightarrow K^* K^0$ decays. Nuclear Physics B, 2014, 888, 169-193.	2.5	27
58	Measurement of the $B^0 \rightarrow B^0$ 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.	4.1	23
59	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. Physical Review Letters, 2014, 113, 082003.	7.8	15
60	Evidence for violation in $B^0 \rightarrow K^* \pi^0$ decays. Physical Review Letters, 2014, 113, 152003.	7.8	27
61	First Observation of a Baryonic B_c^+ Decay. Physical Review Letters, 2014, 113, 152003.	7.8	28
62	Measurement of resonant and non-resonant components in $B^0 \rightarrow K^* \pi^0$ decays. Physical Review Letters, 2014, 112, 131802.	4.7	73
63	Search for Majorana Neutrinos in $B^0 \rightarrow \pi^+ \pi^- \pi^0$ Decays. Physical Review Letters, 2014, 112, 131802.	7.8	106
64	Measurement of the B^0 Meson Lifetime in $D_s^+ \rightarrow B^0 \pi^+$ Decays. Physical Review Letters, 2014, 113, 172001.	7.8	14
65	Measurement of CP violation in the Phase Space of $B^0 \rightarrow K^* \pi^0$ decays. Physical Review Letters, 2014, 113, 172001.	7.8	78
66	Measurement of the resonant and non-resonant components in $B^0 \rightarrow K^* \pi^0$ decays. Physical Review Letters, 2014, 112, 131802.	4.7	67
67	Measurement of the B^0 Lifetime in $D^+ \rightarrow B^0 \pi^+$ Decays. Physical Review Letters, 2014, 112, 131802.	7.8	80
68	Measurement of the B^0 Lifetime in $D^+ \rightarrow B^0 \pi^+$ Decays. Physical Review Letters, 2014, 112, 131802.	7.8	17
69	Measurements of Indirect CP Violation in $B^0 \rightarrow K^* \pi^0$ Decays. Physical Review Letters, 2014, 112, 041801.	4.7	99
70	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 032001.	7.8	20
71	Test of Lepton Universality Using $B^0 \rightarrow K^* \pi^0$ decays. Physical Review Letters, 2014, 113, 151601.	7.8	845

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73	Precision Measurement of the Mass and Lifetime of the $\Upsilon(1S)$ Decays. Physical Review Letters, 2014, 112, 091802.	7.8	39
74	Measurement of the ratio of $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays to $B \rightarrow D \ell \bar{\nu}_\ell$ decays. Physical Review D, 2014, 90, .	4.7	18
75	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	7.8	26
76	Observation of $B^0 \rightarrow D^* \ell \bar{\nu}_\ell$ (1285) Decays and Measurement of the $\theta(1285)$ Mixing Angle. Physical Review Letters, 2014, 112, 091802.	7.8	24
77	Measurement of the ratio of $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays to $B \rightarrow D \ell \bar{\nu}_\ell$ decays. Physical Review D, 2014, 90, .	4.7	31
78	Studies of beauty baryon decays to $\Lambda_c^+ \ell \bar{\nu}_\ell$ and $\Lambda_c^+ \ell \bar{\nu}_\ell$ decays. Physical Review D, 2014, 89, .	4.7	31
79	Observation of charmonium pairs produced exclusively in pp collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002.	3.6	14
80	Study of χ_{c0} \rightarrow b meson production in pp collisions at $\sqrt{s} = 7$ and 8 TeV. European Physical Journal C, 2014, 74, .	3.9	43
81	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	21
82	Search for CP violation in $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ and $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	13
83	First observations of the rare decays $B \rightarrow D^* \ell^+ \ell^- K^+ \ell^+ \ell^-$ and $B \rightarrow D^* \ell^+ \ell^- K^+ \ell^+ \ell^-$. Journal of High Energy Physics, 2014, 2014, 1.	4.7	9
84	Measurement of the $\Upsilon(3P)$ mass and of the relative rate of $\Upsilon(1P)$ and $\Upsilon(2P)$ production. Journal of High Energy Physics, 2014, 2014, 1.	4.7	20
85	Measurement of the CKM angle β^3 using $B^0 \rightarrow D^* K^+ K^-$ with $D^0 \rightarrow \ell^+ \ell^-$, $K^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	22
86	Measurement of CP asymmetry in $B^0 \rightarrow D^* K^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	14
87	Measurement of the forward W boson cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
88	Measurement of the flavour-specific CP-violating asymmetry A_{FB}^0 in $B \rightarrow D^* \ell^+ \ell^- K^+$ decays. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 36-45.	4.1	34
89	Measurement of the CKM angle β^3 using $B^0 \rightarrow D^* K^+ K^-$ with $D^0 \rightarrow \ell^+ \ell^-$, $K^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.1	13
90	Study of forward Z + jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25

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91	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.	4.7	74
92	Measurement of the CP-violating phase $\arg(-iA_{cb})$ in $B \rightarrow D^* K$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.1	13
93	Measurement of the CP-violating phase $\arg(-iA_{cb})$ in $B \rightarrow D^* K$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.1	13
94	Measurement of the CP-violating phase $\arg(-iA_{cb})$ in $B \rightarrow D^* K$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.1	40
95	Measurement of the CP-violating phase $\arg(-iA_{cb})$ in $B \rightarrow D^* K$ decays. Journal of High Energy Physics, 2014, 2014, 1.	2.5	114
96	Addendum: Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	34
97	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.	4.7	25
98	Observation of associated production of a Z boson with a D meson in the forward region. Journal of High Energy Physics, 2014, 2014, .	4.7	11
99	Measurements of the B^+ , B^0 , B_s^0 meson and Λ_b^0 baryon lifetimes. Journal of High Energy Physics, 2014, 2014, .	4.7	26
100	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow \pi^+ \pi^- K^*(892)^0$. Journal of High Energy Physics, 2014, 2014, 1.	4.7	13
101	Angular analysis of charged and neutral $B \rightarrow K^{*1/2} + \pi^{1/2} \bar{a}^{\sim}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	26
102	Evidence for the decay $B_{(c)}^+ \rightarrow \psi(3712) \pi^+$. Journal of High Energy Physics, 2014, 2014, 1.	4.7	16
103	Differential branching fractions and isospin asymmetries of $B \rightarrow K^{*1/2} + \pi^{1/2} \bar{a}^{\sim}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	206
104	Measurement of CP asymmetry in $D^0 \rightarrow \pi^+ K^+ K^-$ and $D^0 \rightarrow \pi^+ \bar{K}^0 K^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	52
105	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.	4.7	33
106	Observation of the $\bar{b} \rightarrow \bar{c} \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
107	Observation of the $B_s^0 \rightarrow \pi^+ \pi^- K^+ K^-$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	8
108	Study of the kinematic dependences of $\bar{b} \rightarrow \bar{c} \pi^0$ production in pp collisions and a measurement of the $\bar{b} \rightarrow \bar{c} \pi^0$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	4.7	39

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109	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
110	Measurement of Υ production in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	3.9	27
111	Measurement of the $B_c^+ \rightarrow \mu^+ \nu_\mu$ meson lifetime using $B_c^+ \rightarrow \mu^+ \nu_\mu / \psi$. European Physical Journal C, 2014, 74, 2839.	3.9	43
112	Measurement of $\psi(2S)$ polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	3.9	53
113	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
114	Search for the decay $D \rightarrow \mu^+ \nu_\mu \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 234-243.	4.1	19
115	Search for CP violation in the decay $D \rightarrow \mu^+ \nu_\mu \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	4.1	19
116	Measurement of the charge asymmetry in $D \rightarrow \mu^+ \nu_\mu \mu^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	4.1	12
117	Measurement of the charge asymmetry in $D \rightarrow \mu^+ \nu_\mu \mu^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	7.8	325
118	Observation of Photon Polarization in the $B_s^0 \rightarrow \mu^+ \mu^- \gamma$ Transition. Physical Review Letters, 2014, 112, 161801.	7.8	46
119	Measurement of the $B_s^0 \rightarrow \mu^+ \mu^- \gamma$ transition. Physical Review Letters, 2014, 112, 161801.	4.1	30
120	Precision luminosity measurements at LHCb. Journal of Instrumentation, 2014, 9, P12005-P12005.	1.2	110
121	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow \mu^+ \mu^- \gamma$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	103
122	Search for CP violation in $D \rightarrow \mu^+ \mu^- e^+ e^-$ and $D_s^+ \rightarrow K_S^0 \pi^+ \mu^+ \mu^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14
123	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	4.7	65
124	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
125	Measurement of the $B^0 \rightarrow K^+ e^- e^+$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
126	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

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127	Measurement of the fragmentation fraction f_s/f_d and its dependence on B meson kinematics. Journal of High Energy Physics, 2013, 2013, 1.	4.7	89
128	Measurement of CP observables in $B^0 \rightarrow DK^* \rightarrow 0$ with $D \rightarrow K^* K + K^* \bar{K}$. Journal of High Energy Physics, 2013, 2013, 4.7	4.7	6
129	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
130	Differential branching fraction and angular analysis of the $B \rightarrow K^* K + \bar{K}^* \bar{K}$ decay. Journal of High Energy Physics, 2013, 2013, 1.	4.7	72
131	First evidence for the annihilation decay mode $B^+ \rightarrow D_s^+ \pi^0$. Journal of High Energy Physics, 2013, 2013, .	4.7	13
132	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
133	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2421.	3.9	25
134	Measurements of the branching fractions of $B^+ \rightarrow \rho^+ K^0$ decays. European Physical Journal C, 2013, 73, 2462.	3.9	24
135	Search for $B^+ \rightarrow \rho^+ K^0$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.1	12
136	Measurement of the time-dependent CP asymmetry in $B^0 \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
137	First measurement of time-dependent CP violation in $B^0 \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
138	Study of $B_{(s)}^0 \rightarrow K_{(s)}^* K^0$ decays with first observation of $B_{(s)}^0 \rightarrow K_{(s)}^* K^0 \pi^0$ and $B_{(s)}^0 \rightarrow K_{(s)}^* K^0 \pi^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, .	4.7	14
140	Measurement of the relative rate of prompt \bar{c}^0 , \bar{c}^+ and \bar{c}^+ production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	36
141	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow \bar{p} \pi^+$. Journal of High Energy Physics, 2013, 2013, .	4.7	10
142	Study of D meson decays to $D \rightarrow \bar{c}^+ \pi^0$, $D \rightarrow \bar{c}^+ \pi^+$ and $D \rightarrow \bar{c}^+ \pi^0 \pi^0$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	4.7	82
143	First observation of the decay $B_c^+ \rightarrow \bar{D}^0 \psi^+$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	41
144	Searches for $B_{(s)}^0 \rightarrow \bar{D}^0 \psi^+$ and $B \rightarrow \bar{D}^0 J/\psi$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7

#	ARTICLE	IF	CITATIONS
145	Differential branching fraction and angular analysis of the decay $B \rightarrow K^* \bar{K}^0 \pi^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	111
146	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
147	Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1.	3.9	137
148	Observation of $B^0 \rightarrow \pi^+ \pi^-$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	3.9	17
149	Search for the doubly charmed baryon Ξ_{cc}^{++} . Journal of High Energy Physics, 2013, 2013, 1.	4.7	50
150	Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	3.9	117
151	Observation of the decay $B_c^+ \rightarrow J/\psi K^+ K^0$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	25
152	First observation of the decay $B_s^0 \rightarrow \phi \bar{K}^{*0}$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	9
153	First Evidence for the Decay $B_c^+ \rightarrow J/\psi K^+ K^0$. Physical Review Letters, 2013, 110, 021801.	7.8	292
154	First Observation of $B_c^+ \rightarrow J/\psi K^+ K^0$ Violation in the Decays of $B_c^+ \rightarrow J/\psi K^+ K^0$. Physical Review Letters, 2013, 110, 221601.	7.8	105
155	Search for the rare decay $K_S^0 \rightarrow \mu^+ \mu^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	13
156	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
157	Measurement of the ratio of branching fractions $\frac{\mathcal{B}(B \rightarrow \tau^+ \tau^-)}{\mathcal{B}(B \rightarrow \mu^+ \mu^-)}$. Journal of High Energy Physics, 2013, 2013, 1.	2.5	48
158	Measurement of the effective χ^2 for the decay $B \rightarrow \tau^+ \tau^-$. Journal of High Energy Physics, 2013, 2013, 1.	2.5	17
159	Prompt charm production in pp collisions at $\sqrt{s}=7$ TeV. Nuclear Physics B, 2013, 871, 1-20.	2.5	228
160	Observation of the suppressed ADS modes $B \rightarrow \tau^+ \tau^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.1	15
161	Measurements of the form factors F_1 and F_2 for the decay $B \rightarrow \tau^+ \tau^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.1	15
162	Measurements of the form factors F_1 and F_2 for the decay $B \rightarrow \tau^+ \tau^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.1	16

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163	Search for direct CP violation in $D \rightarrow \pi^0 \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 15-24.	4.1	33
164	Measurements of the $B \rightarrow \pi^0 \pi^0$ decay amplitudes and the $B \rightarrow \pi^0 \pi^0$ branching fraction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	4.1	54
165	Search for the rare decay $B \rightarrow \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	4.1	15
166	Measurement of the differential branching fraction of the decay $B \rightarrow \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	4.1	33
167	Evidence for the decay $B \rightarrow \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	4.1	35
168	Observation of $B \rightarrow \pi^0 \pi^0$ and measurement of the relative branching fractions of $B \rightarrow \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	2.5	35
169	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
170	Observation of $B \rightarrow \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	2.5	17
171	Observations of $B \rightarrow \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	7.8	65
172	Measurement of the $B \rightarrow \pi^0 \pi^0$ production asymmetry in 7 TeV pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 902-909.	2.5	24
173	Precision measurement of the $B \rightarrow \pi^0 \pi^0$ oscillation frequency with the decay $B \rightarrow \pi^0 \pi^0$. New Journal of Physics, 2013, 15, 053021.	4.1	33
174	Exclusive J/ψ and $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045001.	2.9	59
175	Search for the Lepton-Flavor-Violating Decays $B_s \rightarrow \tau^+ e^- \mu^+$ and $B \rightarrow \tau^+ e^- \mu^+$. Physical Review Letters, 2013, 111, 141801.	3.6	104
176	Precision Measurement of the $B \rightarrow \pi^0 \pi^0$ Lifetime. Physical Review Letters, 2013, 111, 102003.	4.7	74
177	Measurement of $B \rightarrow \pi^0 \pi^0$ violation and the $B \rightarrow \pi^0 \pi^0$ decay width difference with $B \rightarrow \pi^0 \pi^0$. Physical Review Letters, 2013, 111, 102003.	4.7	74
178	Measurement of $B \rightarrow \pi^0 \pi^0$ violation and the $B \rightarrow \pi^0 \pi^0$ decay width difference with $B \rightarrow \pi^0 \pi^0$. Physical Review Letters, 2013, 111, 102003.	4.7	74
179	Parameters and Search for $B \rightarrow \pi^0 \pi^0$ Mixing. Physical Review Letters, 2013, 111, 102003.	4.7	74
180	First observations of $B \rightarrow \pi^0 \pi^0$, $D \rightarrow \pi^0 \pi^0$ and $D \rightarrow \pi^0 \pi^0$ decays. Physical Review D, 2013, 87, .	4.7	22

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199	<p>First Observation of the Decay $B_c \rightarrow \tau \nu_\tau$. Physical Review Letters, 2013, 110, 151803.</p> <p>Measurement of the Branching Fraction and Search for Rare Decays $B_c \rightarrow \tau \nu_\tau$. Physical Review D, 2015, 91, 072004.</p>	7.8	51
200	<p>Measurement of the Branching Fraction and Search for Rare Decays $B_c \rightarrow \tau \nu_\tau$. Physical Review D, 2015, 91, 072004.</p>	4.7	20
201	<p>Fraction and Search for Rare Decays $B_c \rightarrow \tau \nu_\tau$. Physical Review D, 2015, 91, 072004.</p>	7.8	258
202	<p>Search for Rare Decays $B_c \rightarrow \tau \nu_\tau$. Physical Review D, 2015, 91, 072004.</p>	7.8	21
203	<p>First Observation of the Decay $B_c \rightarrow \tau \nu_\tau$. Physical Review Letters, 2012, 108, 251802.</p>	7.8	62
204	<p>Differential Branching Fraction and Angular Analysis of the Decay $B_c \rightarrow \tau \nu_\tau$. Physical Review Letters, 2012, 108, 181806.</p>	7.8	50
205	<p>Lifetime in the Decay $B_c \rightarrow \tau \nu_\tau$. Physical Review Letters, 2012, 108, 181806.</p>		



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217	Observation of $C \rightarrow P$ Violation in Time-Integrated $D^0 \rightarrow K^+ K^-$ and Evidence for $B^0 \rightarrow K^+ K^-$ Final States. Physical Review Letters, 2012, 109, 131801.	7.8	27
218	Publisher's Note: Evidence for CP Violation in Time-Integrated $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^-$ Final States. Physical Review Letters, 2012, 108, 111602 (2012)]. Physical Review Letters, 2012, 108, .	7.8	6
219	Observation of $B^0 \rightarrow K^+ K^-$ Final States. Physical Review Letters, 2012, 108, 151801.	7.8	21
220	Absolute luminosity measurements with the LHCb detector at the LHC. Journal of Instrumentation, 2012, 7, P01010-P01010.	1.2	41
221	Measurement of the $B^0 \rightarrow K^+ K^-$ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	22
222	Measurements of the branching fractions of the decays $B^0 \rightarrow D^+ \pi^-$ and $B^0 \rightarrow D^+ \pi^0$. Journal of High Energy Physics, 2012, 2012, .	4.7	19
223	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
224	Measurement of the isospin asymmetry in $B^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2012, 2012, 165	4.7	29
225	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. Journal of High Energy Physics, 2012, 2012, .	4.7	56
226	Study of D^0 decays to $D^+ K^-$ and $D^0 K^+$ final states in pp collisions. Journal of High Energy Physics, 2012, 2012, .	4.7	29
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228	First observation of the decay $B^0 \rightarrow K^+ K^-$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	36
229	Evidence for $C \rightarrow P$ Violation in Time-Integrated $D^0 \rightarrow K^+ K^-$ and Evidence for $B^0 \rightarrow K^+ K^-$ Final States. Physical Review Letters, 2012, 108, 111602.	7.8	181
230	Measurements of the branching fractions and CP asymmetries of $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^-$ decays. Physical Review D, 2012, 85, .	4.7	20
231	First Evidence of Direct $C \rightarrow P$ Violation in Charmless Two-Body Decays of $B^0 \rightarrow K^+ K^-$. Physical Review Letters, 2012, 109, 131801.	7.8	49
232	Measurement of the ratio of branching fractions $R_{D^*} = \frac{\mathcal{B}(B^0 \rightarrow D^{*+} \pi^-)}{\mathcal{B}(B^0 \rightarrow D^+ \pi^-)}$. Physical Review Letters, 2012, 109, 131801.	7.8	27

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235	Measurement of the α $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$ xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML"	4.1	13
236	Measurement of the α $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$ xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$ xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema"	4.1	34
237	Measurement of the CP-violating phase $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$ xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tbl="http://www.elsevier.com/xml/common/table/dtd" $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$ xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema"	4.1	14
238	Measurement of the CP-violating phase $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$ xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tbl="http://www.elsevier.com/xml/common/table/dtd" $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$ xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema"	4.1	33
239	Measurement of the CP-violating phase $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$ xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tbl="http://www.elsevier.com/xml/common/table/dtd" $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$ xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema"		



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255	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	30
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260	Search for $C \rightarrow P$ violation in $D \rightarrow \hat{\pi}^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 698, 115-122.	4.7	20
261	First observation of the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 698, 115-122.	4.1	20
262	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2011, 71, 1.	4.1	15
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264	Measurement of V_0 production ratios in pp collisions at $\sqrt{s} = 0.9$ TeV and 7 TeV. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	18
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267	Search for the rare decays $B \rightarrow D^* \ell \bar{\nu}_\ell$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 698, 115-122.	4.1	77
268	Determination of $B \rightarrow D^* \ell \bar{\nu}_\ell$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 699, 330-340.	4.1	60
269	Determination of $B \rightarrow D^* \ell \bar{\nu}_\ell$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 699, 330-340.	4.1	74
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272	Installation and operation of the LHCb Silicon Tracker detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 623, 210-212.	1.6	0
273	Measurement of S production in pp collisions at $\sqrt{s} = 0.9$ TeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 612, 460-463.	4.1	26
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