

Domenico Galli

List of Publications by Year in descending order

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Version: 2024-02-01

659
papers

29,114
citations

7551

77
h-index

10127

140
g-index

674
all docs

674
docs citations

674
times ranked

9394
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of a new $B_c^0 \rightarrow B^0 \mu^+ \mu^-$ decay. <i>Physical Review D</i> , 2021, 103, .	1.6	21
2	Study of $B_s^0 \rightarrow B^0 \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	9
3	First Observation of the Decay $B_c^0 \rightarrow B^0 \mu^+ \mu^-$ and a Measurement of $B_c^0 \rightarrow B^0 \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2021, 126, 061804.	2.9	28
4	Measurement of differential $b \bar{b}$ - and $c \bar{c}$ -dijet cross-sections in the forward region of pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	4
5	Measurement of the CKM angle $\hat{\beta}$ in $B_{d,s}^0 \rightarrow D^0 K^{\pm} \mu^{\mp}$ and $B_{d,s}^0 \rightarrow D^0 \pi^{\pm} \mu^{\mp}$ decays. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	6
6	Search for long-lived particles decaying to $e^+ \mu^-$ or $e^- \mu^+$. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	9
7	Observation of a New Excited D_{s1}^0 Meson in $D_{s1}^0 \rightarrow D^0 \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2021, 126, 091802.	2.9	20
8	Observation of Multiplicity Dependent Prompt $B_c^0 \rightarrow B^0 \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2021, 126, 091802.	2.9	20
9	Measurement of the CKM angle $\hat{\beta}$ and $B_{d,s}^0$ mixing frequency with $B_{d,s}^0 \rightarrow D^0 \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	4
10	Observation of the $B_c^0 \rightarrow B^0 D^+ D^{\mp}$ decay. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	2
11	Search for heavy neutral leptons in $W^+ \rightarrow \mu^+ \mu^+$, ext $\{jet\}$ decays. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	15
12	Measurement of $B_c^0 \rightarrow B^0 \mu^+ \mu^-$ Violation in the Decay $B_c^0 \rightarrow B^0 \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2021, 126, 091802.	2.9	9
13	Observation of CP violation in two-body $B_c^0 \rightarrow B^0 \mu^+ \mu^-$ -meson decays to charged pions and kaons. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	10
14	Measurement of CP observables in $B_{d,s}^0 \rightarrow D^{(*)} K^{\pm}$ and $B_{d,s}^0 \rightarrow D^{(*)} \pi^{\pm}$ decays using two-body D final states. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	9
15	Search for the rare decay $B^0 \rightarrow \mu^+ \mu^-$. <i>Chinese Physics C</i> , 2021, 45, 043001.	1.5	2
16	Measurement of the branching fraction of the $B_c^0 \rightarrow D^0 \mu^+ \mu^-$ decay. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	6
17	Angular Analysis of the $B_c^0 \rightarrow B^0 \mu^+ \mu^-$ Decay. <i>Physical Review Letters</i> , 2021, 126, 161802.	2.9	96
18	Observation of the $B_c^0 \rightarrow B^0 \mu^+ \mu^-$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 815, 136172.	1.5	1

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19	Observation of the decay $\Lambda_{b}^0 \rightarrow \Lambda^0 \pi^+ \pi^-$. Journal of High Energy Physics, 2021, 2021, 1.	1.6	1
20	Measurement of the prompt-production cross-section ratio $\sigma(\Lambda_c^2)/\sigma(\Lambda_c^1)$ in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV. Physical Review C, 2021, 103, .	1.1	5
21	Angular analysis of $B^0 \rightarrow D^* \pi^+ \pi^-$ with $D^* \rightarrow D^0 \pi^+$ decays. Journal of High Energy Physics, 2021, 2021, 1.	1.6	1
22	Search for CP violation in $D_{(s)}^* \rightarrow \pi^+ \pi^- \rho^0$ and $D_{(s)}^* \rightarrow \pi^+ \pi^- \eta$ decays. Journal of High Energy Physics, 2021, 2021, 1.	1.6	5
23	Structure and observation of excited $\Lambda(1760)$ states in the $\Lambda \rightarrow p \pi^-$ decays. Physical Review D, 2021, 104, .	4.3	121
24	Observation of new excited B_c^0 states. European Physical Journal C, 2021, 81, .	1.4	9
25	Measurement of the $B_c^0 \rightarrow D^* \pi^+ \pi^-$ asymmetry in $B_c^0 \rightarrow D^* \pi^+ \pi^-$ decays. Physical Review D, 2021, 104, .	1.6	3
26	Precise measurement of the $B_c^0 \rightarrow D^* \pi^+ \pi^-$ ratio of fragmentation fractions and of $B_c^0 \rightarrow D^* \pi^+ \pi^-$. Physical Review D, 2021, 104, .	1.6	32
27	Search for $B_c^0 \rightarrow D^* \pi^+ \pi^-$ and $B_c^0 \rightarrow D^* \pi^+ \pi^-$. Physical Review D, 2021, 104, .	2.9	93
28	Search for $B_c^0 \rightarrow D^* \pi^+ \pi^-$ violation in $B_c^0 \rightarrow D^* \pi^+ \pi^-$ decays. Physical Review D, 2021, 104, .	1.6	6
29	Search for $B_c^0 \rightarrow D^* \pi^+ \pi^-$ and $B_c^0 \rightarrow D^* \pi^+ \pi^-$. Physical Review D, 2021, 104, .	2.9	93
30	Observation of a $\Lambda_b^0 \rightarrow \bar{\Lambda}_b^0$ production asymmetry in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
31	Angular analysis of the rare decay $B_s^0 \rightarrow \Lambda^0 \pi^+ \pi^-$. Journal of High Energy Physics, 2021, 2021, 1.	1.6	28
32	First measurement of the CP -violating phase in $B_c^0 \rightarrow \pi^+ \pi^- \rho^0$. Physical Review D, 2021, 104, .	1.4	2
33	Observation of excited $\Lambda(1760)$ baryons in $\Lambda \rightarrow p \pi^-$ decays. Physical Review D, 2021, 104, .	1.6	19
34	Search for the doubly charmed baryon Ξ_{cc}^{++} . Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	35
35	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at $\sqrt{s_{NN}}=8.16$ TeV. Physical Review Letters, 2020, 125, 212001.	2.9	10
36	Observation of structure in the J/ψ -pair mass spectrum. Science Bulletin, 2020, 65, 1983-1993.	4.3	212

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37	Precision measurement of the B_c^+ meson mass. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
38	Updated measurement of decay-time-dependent CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^+ \bar{K}^-$ decays. Physical Review D, 2020, 101, .	1.6	8
39	$\frac{b}{j} > 0$		

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55	Measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> <mml:mi>C</mml:mi> <mml:mi>P</mml:mi> </mml:math>$ Averaged Observables in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> <mml:mrow> <mml:msup> <mml:mrow> <mml:mi>B</mml:mi> </mml:mrow> <mml:mrow> <mml:mi>0</mml:mi> </mml:mrow> <mml:mi> </mml:math>$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" stretchy="false"> \hat{\pi} </mml:math> </mml:mo> <mml:msup> <mml:mrow> <mml:mi>K</mml:mi> </mml:mrow> <mml:mrow> <mml:mi>^* </mml:mi> </mml:mo> </mml:math>$ decays. <i>Physical Review Letters</i> , 2020, 125, 011802.	2.9	128
56	Measurement of CP observables in $B_{\pm} \hat{\pi}^{\pm} D K_{\pm}^{\pm}$ and $B_{\pm} \hat{\pi}^{\pm} D \hat{\pi}^{\pm}$ with $D \hat{\pi}^{\pm} \rightarrow \{K_{\pm}^0, \pi^0\}$ decays. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	4
57	Precision measurement of the χ_{cc}^{++} mass. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	33
58	Measurement of χ_{cc}^{\pm} production in pp collisions at $\sqrt{s} = 13$ TeV. <i>Chinese Physics C</i> , 2020, 44, 022001.	1.5	16
59	Determination of quantum numbers for several excited charmed mesons observed in $B_{\pm} \hat{\pi}^{\pm} D^* \hat{\pi}^{\pm}$ decays. <i>Physical Review D</i> , 2020, 101, .	1.6	21
60	Amplitude analysis of the $B \rightarrow \pi \pi$ decay. <i>Physical Review D</i> , 2020, 101, .	1.6	42
61	Violation in $B \rightarrow \pi \pi$ decays. <i>Physical Review Letters</i> , 2020, 124, 031801.	2.9	32
62	Measurement of $\psi(2S)$ production cross-sections in proton-proton collisions at $\sqrt{s} = 7$ and 13 TeV. <i>European Physical Journal C</i> , 2020, 80, .	1.4	8
63	Measurement of $B \rightarrow \pi \pi$ decays with $B \rightarrow \pi \pi$ decays. <i>Physical Review D</i> , 2020, 101, .	1.6	28
64	Search for $B \rightarrow \pi \pi$ decays. <i>Physical Review Letters</i> , 2020, 124, 041801.	2.9	148
65	Search for the lepton flavour violating decay $B \rightarrow \pi K \pi^{\pm} \pi^{\pm}$, using $B \rightarrow s \pi$ decays. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	13
66	Observation of a new baryon state in the Λ_{b}^0 mass spectrum. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	24
67	Searches for low-mass dimuon resonances. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	24
68	Search for the doubly heavy χ_{bc}^0 baryon via decays to $D^0 \pi K^{\pm}$. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	13
69	Strong constraints on the $b \hat{\pi}^0 s \hat{\pi}^0$ photon polarisation from $B^0 \hat{\pi}^0 K^* \rightarrow \pi^0 e^+ e^-$ decays. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	19
70	Network simulation of a 40 MHz event building system for the LHCb experiment. <i>EPJ Web of Conferences</i> , 2020, 245, 01012.	0.1	2
71	Measurement of the relative branching fractions of $B \rightarrow \pi \pi$ decays. <i>Physical Review D</i> , 2020, 102, .	1.6	6
72	Measurement of the $\eta(1S)$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	17

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73	Search for CP violation in $\chi_{c1} \rightarrow p \bar{K}^0 \pi^+$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	1.4	14
74	Measurement of branching fraction ratios for $B^+ \rightarrow D^{*+} D^0 K^+$, $B^+ \rightarrow D^{*+} D^0 K^+$, and $B^0 \rightarrow D^{*+} D^0 K^+$ decays. Journal of High Energy Physics, 2020, 2020, .	1.6	1
75	Measurement of the shape of the $D_{s1}^* \rightarrow D_s^* \mu^+ \mu^-$ differential decay rate. Journal of High Energy Physics, 2020, 2020, 1.	1.6	7
76	First observation of the decay $B^0 \rightarrow D^+ D^0 K^0$. http://www.w3.org/1998/Math/MathML display="inline" \hat{b} b 0 \hat{a} c \hat{a} 1 S T E Q 0.0 $rgBT$ /Overlock 10 Tf 50 602 Td (stre	1.6	0
77	Observation of the semileptonic decay $B^0 \rightarrow D^+ \mu^+ \mu^-$. Journal of High Energy Physics, 2020, 2020, .	1.6	4
78	Measurement of CP violation in $B^0 \rightarrow D^+ D^0 K^0$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
79	Measurement of the branching fractions of the decays $D^+ \rightarrow K^+ K^0 K^+$, $D^+ \rightarrow \bar{K}^0 K^0 K^+$ and $D^+ \rightarrow \bar{K}^0 K^+ K^+$. Journal of High Energy Physics, 2019, 2019, .	1.6	6
80	Study of the $B^0 \rightarrow \bar{K}^0 K^0 K^0$ 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.	1.6	7
81	Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow D^+ D^0 K^0$ and $B^0 \rightarrow D^+ D^0 \bar{K}^0$. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
82	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^0 K^+$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
83	Precision measurement of the $B^0 \rightarrow D^+ D^0 K^0$ decay. http://www.w3.org/1998/Math/MathML display="inline" \hat{b} \hat{a} c \hat{a} 1 S T E Q 0.0 $rgBT$ /Overlock 10 Tf 50 602 Td (stre	1.6	20
84	Flit-Level InfiniBand Network Simulations of the DAQ System of the LHCb Experiment for Run-3. IEEE Transactions on Nuclear Science, 2019, 66, 1159-1164.	1.2	6
85	Amplitude analysis of $B^0 \rightarrow D^+ D^0 K^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
86	First Observation of the Radiative Decay $B^0 \rightarrow D^+ D^0 K^0 \gamma$. http://www.w3.org/1998/Math/MathML display="inline" \hat{b} b 0 \hat{a} c \hat{a} 1 S T E Q 0.0 $rgBT$ /Overlock 10 Tf 50 602 Td (stre	2.9	19
87	Measurement of the branching fraction and CP asymmetry in $B^0 \rightarrow \rho^0 \pi^0$ decays. European Physical Journal C, 2019, 79, 1.	1.4	3
88	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2019, 122, 231802.	2.9	55
89	Near-threshold D^0 spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	1.6	29
90	Amplitude analysis of the $B^0 \rightarrow D^+ D^0 K^0$ decays and measurement of the branching fraction of the $B^0 \rightarrow D^+ D^0 K^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11

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91	Observation of New Resonances in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:mrow}> \langle \text{mml:msubsup}> \langle \text{mml:mrow}> \langle \text{mml:mi mathvariant="normal"> \hat{b} </\text{mml:mi}> </\text{mml:mrow}> \langle \text{mml:mrow}> \langle \text{mml:mi}> b </\text{mml:mi}> </\text{mml:mrow}> \langle \text{mml:mrow}> \langle \text{mml:mn}> 0 </\text{mml:mn}> </\text{mml:math}>$	2.9	49
92	Updated measurement of time-dependent CP -violating observables in $B^0 \rightarrow \psi K^+ K^-$ decays. European Physical Journal C, 2019, 79, 1.	1.4	20
93	Measurements of CP asymmetries in charmless four-body Λ_b^0 and Ξ_b^0 decays. European Physical Journal C, 2019, 79, 1.	1.4	11
94	Measurement of hadron fractions in 13 TeV $p\bar{p}$ collisions. Physical Review D, 2019, 100, .	1.6	51
95	Measurement of the relative $B^0 \rightarrow D^0 D^* \bar{D}^0$ branching fractions using B^0 mesons from $B^0 \rightarrow D^0 D^* \bar{D}^0$ decays. Physical Review D, 2019, 99, .	1.6	3
96	Measurement of CP observables in the process $B^0 \rightarrow DK^0$ with two- and four-body D decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
97	Search for the rare decay $B^+ \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$. European Physical Journal C, 2019, 79, 1.	1.4	11
98	The LHCb DAQ Upgrade for LHC Run3. IEEE Transactions on Nuclear Science, 2019, 66, 982-985.	1.2	2
99	Bose-Einstein correlations and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"> \langle \text{mml:mi mathvariant="normal"> b </\text{mml:mi}> \langle \text{mml:mover accent="true"> \langle \text{mml:mrow}> \langle \text{mml:mi} </\text{mml:mi}> \langle \text{mml:mrow}> \langle \text{mml:math}> \hat{c} </\text{mml:math}> \langle \text{mml:mover}> </\text{mml:mover}> </\text{mml:math}>$	0.6	0
100	Measurement of the CP-violating phase γ from $B \rightarrow s \gamma$ $\rightarrow \mu^+ \mu^-$ decays. Nuclear Physics A, 2019, 982, 347-350.	1.5	6
101	Highlights from the LHCb experiment. Nuclear Physics A, 2019, 982, 15-21.	0.6	0
102	Direct photon production at LHCb. Nuclear Physics A, 2019, 982, 251-254.	0.6	5
103	Study of coherent J/ψ production in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV with the LHCb experiment. Nuclear Physics A, 2019, 982, 247-250.	0.6	14
104	Observation of the $\Lambda_b^0 \rightarrow \psi(3712) p \bar{K}^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
105	Prompt Λ_c^+ baryons and D^0 meson production cross-section and nuclear modification in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the LHCb detector. Nuclear Physics A, 2019, 982, 683-686.	0.6	2
106	Measurement of the Charm-Mixing Parameter γ_{CP} . Physical Review Letters, 2019, 122, 011802.	2.9	15
107	Search for CP Violation in $D_s \rightarrow K^0 \ell^+ \ell^-$, $D \rightarrow K^0 \ell^+ \ell^-$, and $D \rightarrow K^+ \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 191803.	2.9	9
108	Observation of $B \rightarrow s \gamma$ $\rightarrow \mu^+ \mu^-$ decays. Physical Review Letters, 2019, 122, 191803.	2.9	9

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109	Observation of $B_c \rightarrow B^0 \tau^+ \nu_\tau$ decays. Physical Review Letters, 2019, 122, 211803.	1.6	17
110	Observation of $C \rightarrow P \nu \bar{\nu}$ Violation in Charm Decays. Physical Review Letters, 2019, 122, 232001.	2.9	157
111	Search for Lepton-Universality Violation in $B \rightarrow K \nu \bar{\nu}$ Decays. Physical Review Letters, 2019, 122, 191801.	2.9	355
114	Observation of the doubly Cabibbo-suppressed decay $\tilde{\Lambda}^0 \rightarrow p \pi^0 \pi^0$. Journal of High Energy Physics, 2019, 2019, 1.	1.9	2
115	Model-Independent Observation of Exotic Contributions to $B \rightarrow K^0 \nu \bar{\nu}$ Decays. Physical Review Letters, 2019, 122, 152002.	2.9	24
116	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
117	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. Physical Review Letters, 2019, 122, 132002.	2.9	48
118	Measurement of the mass and production rate of Λ_b^0 baryons. Physical Review D, 2019, 99, .	1.6	18
119	Prompt $\bar{b} + c$ production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
120	Measurement of the electron reconstruction efficiency at LHCb. Journal of Instrumentation, 2019, 14, P11023-P11023.	0.5	7
121	A search for $\Xi_{cc}^{++} \rightarrow p K^+ \ell^+ \nu_\ell$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
122	Measurement of CP violation in the $B_s^0 \rightarrow \phi \phi$ decay and search for the $B^0 \rightarrow \tau^+ \tau^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
123	Measurement of the meson production fraction and asymmetry in 7 and 13 TeV collisions. Physical Review D, 2019, 99, .	1.6	12
124	Search for the Lepton-Flavor-Violating Decays $B \rightarrow \tau^+ \nu_\tau \ell^+ \nu_\ell$ and $B \rightarrow \tau^+ \nu_\tau \ell^+ \nu_\ell$ collisions. Physical Review D, 2019, 99, .	1.6	12
124	Search for the Lepton-Flavor-Violating Decays $B \rightarrow \tau^+ \nu_\tau \ell^+ \nu_\ell$ and $B \rightarrow \tau^+ \nu_\tau \ell^+ \nu_\ell$ collisions. Physical Review D, 2019, 99, .	1.6	12
125	Search for Lepton-Flavor Violating Decays $B \rightarrow \tau^+ K^+ \ell^+ \nu_\ell$. Physical Review Letters, 2019, 123, 241802.	2.9	18
126	Measurement of $C \rightarrow P \nu \bar{\nu}$ -Violating and Mixing-Induced Observables in $B \rightarrow P \nu \bar{\nu}$ Decays. Physical Review Letters, 2019, 123, 081802.	2.9	10

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127	Amplitude Analysis of $B \rightarrow \bar{K}^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2018, 120, 061801.	2.9	38
128	Measurement of Charged Hadron Production in $B \rightarrow \bar{K}^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2018, 120, 061801.	2.9	10
129	Tagged Jets in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2018, 120, 061801.	2.9	48
130	Search for excited B_c^+ states. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
131	Search for Dark Photons Produced in 13 TeV pp Collisions. Physical Review Letters, 2018, 120, 061801.	2.9	113
132	First observation of forward $Z \tau^+ b \bar{\tau}^-$ production in pp collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 430-439.	1.5	2
133	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.	1.5	15
134	A measurement of the CP asymmetry difference between $\bar{B} \rightarrow \bar{K}^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2018, 2018, .	1.6	14
135	Measurement of CP asymmetry in $B \rightarrow D^* K^*$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
136	Search for the lepton-flavour violating decays $B \rightarrow D^* \tau^+ \tau^-$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	21
137	First measurement of the CP-violating phase $\phi_{s^*}^{\bar{D}}$ in $B \rightarrow D^* (K^* \ell^+ \ell^-)$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
138	Test of lepton flavor universality by the measurement of the $B \rightarrow D^* \tau^+ \tau^-$ decay. Physical Review Letters, 2018, 120, 061801.	1.6	189
139	Measurement of the Ratio of Branching Fractions $R_{D^*}^{\tau/\ell}$ and $R_{D^*}^{\tau/\ell}$. Physical Review Letters, 2018, 120, 061801.	1.6	204
140	Measurement of the Ratio of Branching Fractions $R_{D^*}^{\tau/\ell}$. Physical Review Letters, 2018, 120, 061801.	1.6	204

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145	Search for CP violation in $\Lambda_c^+ \rightarrow p \pi^0 K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 787, 124-133.	1.5	13
146	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , 2018, 78, 1008.	1.4	9
147	Evidence for an $\eta_c(1S) \rightarrow \pi^+ \pi^- \gamma$ resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^-$		

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163	Measurement of the Λ_c^+ lifetime. Physical Review Letters, 2018, 121, 092003.	2.9	23
164	Evidence for the decay $B_s^0 \rightarrow \bar{K}^0 \mu^+ \mu^-$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
165	Measurement of CP asymmetries in two-body B(s)0 -meson decays to charged pions and kaons. Physical Review D, 2018, 98, .	1.6	20
166	Observation of the decay $B^0 \rightarrow \bar{K}^0 \pi^+ \pi^-$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
167	Measurement of the CP asymmetry in $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	2
168	Search for CP violation using triple product asymmetries in $B^0 \rightarrow \pi^+ \pi^- K^+ K^-$ and $B^0 \rightarrow \pi^0 \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
169	Search for the rare decay $B^0 \rightarrow \pi^+ \pi^- K^+ K^-$. Physical Review D, 2018, 97, .	1.6	17
170	Search for weakly decaying b -flavored pentaquarks. Physical Review D, 2018, 97, .	1.6	7
171	First observation of $B^0 \rightarrow \pi^+ \pi^- K^+ K^-$ decays and a search for $B^0 \rightarrow \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.8	11
172	Measurement of CP violation in $B^0 \rightarrow \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
173	Amplitude Analysis of the Decay $B^0 \rightarrow \pi^+ \pi^- K^0$ and First Observation of the CP Asymmetry in $B^0 \rightarrow \pi^+ \pi^- K^0$. Physical Review Letters, 2018, 120, 261801.	2.9	14
174	Search for B_c^+ decays to two charm mesons. Nuclear Physics B, 2018, 930, 563-582.	0.9	8
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344	<p>Violation in $B \rightarrow C^* \ell \bar{\nu}_\ell$ Decays</p>	2.9	65
345	<p>Measurement of $B \rightarrow C^* \ell \bar{\nu}_\ell$ Decays</p> <p>in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV</p>	2.9	61
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408	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow \rho^+ K^{*0}(892)$. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	13
409	Angular analysis of charged and neutral $B \rightarrow K^{1/2} + \bar{K}^{1/2} \bar{a}^{\sim}$ decays. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	26
410	Evidence for the decay $B \rightarrow \psi(3770) \psi(3770)$. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	16
411	Differential branching fractions and isospin asymmetries of $B \rightarrow K^*(\rho^+ + \rho^0) \bar{a}^{\sim}$ decays. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	206
412	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 \bar{K}^0$ decays. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	52
413	Study of Υ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	33
414	Observation of the $\bar{b} \rightarrow c \bar{c} s$ decay. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	35

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416	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.	1.6	39
417	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
418	Measurement of Υ production in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	1.4	27
419	Measurement of the B_c^+ meson lifetime using $B_c^+ \rightarrow \mu^+ \nu_\mu$ decays. European Physical Journal C, 2014, 74, 2839.	1.4	43
420	Measurement of $\psi(2S)$ polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	1.4	53
421	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
422	Search for the decay $D^0 \rightarrow \mu^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 234-243.	1.5	19
423	Search for CP violation in the decay $D^0 \rightarrow \mu^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	1.5	12
424	Measurement of the charge asymmetry in $D^0 \rightarrow \mu^+ \mu^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	1.5	12
425	Measurement of the charge asymmetry in $D^0 \rightarrow \mu^+ \mu^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	2.9	325
426	Observation of Photon Polarization in the $B_s^0 \rightarrow \mu^+ \mu^-$ Transition. Physical Review Letters, 2014, 112, 161801.	2.9	46
427	Measurement of the charge asymmetry in $D^0 \rightarrow \mu^+ \mu^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	1.5	50
428	Precision luminosity measurements at LHCb. Journal of Instrumentation, 2014, 9, P12005-P12005.	0.5	110
429	A PCIe Gen3 based readout for the LHCb upgrade. Journal of Physics: Conference Series, 2014, 513, 012023.	0.3	15
430	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow \mu^+ \mu^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	103
431	Search for CP violation in $D^0 \rightarrow \mu^+ \mu^-$ and $D_s^+ \rightarrow K_S^0 \pi^+$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
432	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	1.6	65

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435	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
436	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
437	Measurement of CP observables in $B^0 \rightarrow DK^0$ with $D \rightarrow K^+ K^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	6
438	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
439	Differential branching fraction and angular analysis of the $B^+ \rightarrow K^+ \rho^0$ decay. Journal of High Energy Physics, 2013, 2013, 1.	1.6	72
440	First evidence for the annihilation decay mode $B^+ \rightarrow D_s^+ \pi^0$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	13
441	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
442	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2421.	1.4	25
443	Measurements of the branching fractions of $B^+ \rightarrow \rho^0 p$ K^+ decays. European Physical Journal C, 2013, 73, 2462.	1.4	24
444	Search for $B^+ \rightarrow \rho^0 p$ K^+ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 203-212.	1.5	22
445	Model-independent search for CP violation in $B^+ \rightarrow \rho^0 p$ K^+ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	1.5	22
446	Measurement of the time-dependent CP asymmetry in $B^+ \rightarrow \rho^0 p$ K^+ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 24-31.	1.5	13
447	Study of $B_{(s)}^0 \rightarrow K_{(s)}^0 \rho^0$ decays with first observation of $B_{(s)}^0 \rightarrow K_{(s)}^0 \rho^0$ π^0 π^0 and $B_{(s)}^0 \rightarrow K_{(s)}^0 \rho^0$ π^0 π^0 . Journal of High Energy Physics, 2013, 2013, 1.	1.5	12
448	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
449	Study of $B_{(s)}^0 \rightarrow K_{(s)}^0 \rho^0$ decays with first observation of $B_{(s)}^0 \rightarrow K_{(s)}^0 \rho^0$ π^0 π^0 and $B_{(s)}^0 \rightarrow K_{(s)}^0 \rho^0$ π^0 π^0 . Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
450	Measurement of the relative rate of prompt χ_{c0} , χ_{c1} and χ_{c2} production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	36

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452	Study of D J meson decays to $D^+ \overline{\psi}(1260)$, $D^0 \overline{\psi}(1260)$ and $D^+ \overline{\psi}(1260)$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	1.6	82
453	First observation of the decay $B_c^{+} \rightarrow \psi(1260) \pi^+$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	41
454	Searches for $B_{(s)}^0 \rightarrow \psi(1260) \pi^0$ and $B^+ \rightarrow \psi(1260) \pi^+$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7
455	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow \psi(1260) \pi^0$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	111
456	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
457	Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1.	1.4	137
458	Observation of $B^0 \rightarrow \psi(1260) \pi^0$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	1.4	17
459	Search for the doubly charmed baryon Ξ_{cc}^{++} . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
460	Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	1.4	117
461	Observation of the decay $B_c^{+} \rightarrow \psi(1260) K^+ K^0$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	25
462	First observation of the decay $B_s^0 \rightarrow \psi(1260) \pi^0$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	9
463	First Evidence for the Decay $B_c^{+} \rightarrow \psi(1260) \pi^+$. Physical Review Letters, 2013, 110, 021801.	2.9	292
464	First Observation of $B_c^{+} \rightarrow \psi(1260) \pi^+$ Violation in the Decays of B_c^{+} . Physical Review Letters, 2013, 110, 221601.	2.9	105
465	Search for the rare decay $K_{(S)}^0 \rightarrow \mu^+ \mu^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	13
466	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
467	Measurement of the ratio of branching fractions $R_{B^0} = \frac{\mathcal{B}(B^0 \rightarrow \psi(1260) \pi^0)}{\mathcal{B}(B^0 \rightarrow \psi(1260) \pi^+ \pi^-)}$. Nuclear Physics B, 2013, 873, 275-292.	0.9	48
468	Measurement of the effective $\mathcal{B}(B_c^{+} \rightarrow \psi(1260) \pi^+)$. Nuclear Physics B, 2013, 873, 275-292.	0.9	17

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470	Observation of the suppressed ADS modes $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 44-53.	1.5	15
471	Measurements of the term $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ and High-Energy Physics, 2013, 726, 44-53.	1.5	15
472	Search for direct CP violation in charm hadron decays $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	1.5	16
473	Measurements of the $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ modes using semileptonic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	1.5	33
474	Measurements of the $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ decay amplitudes and the $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ production asymmetry in 7 TeV pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	1.5	54
475	Search for the rare decay $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	1.5	15
476	Measurement of the differential branching fraction of the decay $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	1.5	33
477	Evidence for the decay $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ and measurement of the relative branching fractions of $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 25-33.	1.5	36
478	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.	0.9	35
479	Observation of $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	1.5	33
480	Observation of $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	0.9	17
481	Observations of $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ and measurement of the relative branching fractions of $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	2.9	65
482	Measurement of the new charm-to-charm transition $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	0.9	24
483	Precision measurement of the $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ oscillation frequency with the decay $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. New Journal of Physics, 2013, 15, 053021.	1.2	59
485	Exclusive $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045001.	1.4	104
486	Search for the Lepton-Flavor-Violating Decays $B \rightarrow e^+ \mu^- \mu^+ \mu^-$ and $B \rightarrow e^+ \mu^- \mu^+ \mu^-$. Physical Review Letters, 2013, 111, 011801.	1.2	12

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488	First observations of $B^0 \rightarrow D^+ D^-$, $D_s^+ D_s^-$ and $D^0 D^0$ decays. Physical Review D, 2013, 87, .	1.6	22
491	Measurement of the branching fractions of the decays $B^0 \rightarrow D^+ D^-$ and $B^0 \rightarrow D^+ D^-$. Physical Review D, 2013, 87, .	2.9	82
492	Measurement of the branching fractions of the decays $B^0 \rightarrow D^+ D^-$ and $B^0 \rightarrow D^+ D^-$. Physical Review D, 2013, 87, .	2.9	13
493	Measurement of the branching fractions of the decays $B^0 \rightarrow D^+ D^-$ and $B^0 \rightarrow D^+ D^-$. Physical Review D, 2013, 87, .	2.9	19
494	Determination of the branching fractions of the decays $B^0 \rightarrow D^+ D^-$ and $B^0 \rightarrow D^+ D^-$. Physical Review D, 2013, 87, .	1.6	19
495	Measurement of the branching fractions of the decays $B^0 \rightarrow D^+ D^-$ and $B^0 \rightarrow D^+ D^-$. Physical Review D, 2013, 87, .	1.6	19
496	Measurement of the branching fractions of the decays $B^0 \rightarrow D^+ D^-$ and $B^0 \rightarrow D^+ D^-$. Physical Review D, 2013, 87, .	1.6	19
497	Measurement of the branching fractions of the decays $B^0 \rightarrow D^+ D^-$ and $B^0 \rightarrow D^+ D^-$. Physical Review D, 2013, 87, .	2.9	72
498	Search for the decay $B^0 \rightarrow D^+ D^-$. Physical Review D, 2013, 87, .	1.6	7
499	Measurement of the polarization amplitudes in $B^0 \rightarrow D^+ D^-$. Physical Review D, 2013, 87, .	1.6	7
500	Measurement of the branching fractions of the decays $B^0 \rightarrow D^+ D^-$ and $B^0 \rightarrow D^+ D^-$. Physical Review Letters, 2013, 111, 101801.	2.9	101
501	Measurement of the branching fractions of the decays $B^0 \rightarrow D^+ D^-$ and $B^0 \rightarrow D^+ D^-$. Physical Review Letters, 2013, 111, 101801.	1.6	32
502	Measurement of Form-Factor-Independent Observables in the Decay $B^0 \rightarrow D^+ D^-$. Physical Review Letters, 2013, 111, 191801.	1.6	55
503	Measurement of the branching fractions of the decays $B^0 \rightarrow D^+ D^-$ and $B^0 \rightarrow D^+ D^-$. Physical Review D, 2013, 87, .	1.6	55
504	Study of $B^0 \rightarrow D^+ D^-$ and $B^0 \rightarrow D^+ D^-$ decays. Physical Review D, 2013, 87, .	1.6	11

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506	Studies of the decays $B \rightarrow \pi^+ \rho^0$ and observation of $B \rightarrow \pi^+ \bar{\Lambda}^0(1520)$ p. Physical Review D, 2013, 88, .	1.6	12
507	Observation of a Resonance in $B \rightarrow \pi^+ \rho^0$ at Low Recoil. Physical Review Letters, 2013, 111, 112003.	2.9	22
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509	First observation of $B \rightarrow \pi^+ \rho^0$ Physical Review Letters, 2013, 110, 151803.	2.9	91
510	Measurement of the $B \rightarrow \pi^+ \rho^0$ Physical Review D, 2013, 88, .	1.6	20
511	Fraction and Search for $B \rightarrow \pi^+ \rho^0$ Physical Review D, 2013, 88, .	2.9	258
512	Search for Rare $B \rightarrow \pi^+ \rho^0$ Physical Review D, 2013, 88, .	2.9	21
513	First Observation of the Decay $B \rightarrow \pi^+ \rho^0$ Physical Review Letters, 2012, 108, 251802.	2.9	62
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515	Measurement of the $B \rightarrow \pi^+ \rho^0$ Lifetime in the $B \rightarrow \pi^+ \rho^0$ Physical Review Letters, 2012, 108, 251802.	2.9	62

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524	Measurement of the $B \rightarrow \bar{D} s$ Decays. Physical Review Letters, 2012, 108, 1602 (2012).	1.6	65
525	First observation of the decays $B \rightarrow \bar{D} s$ and $B \rightarrow \bar{D} s$. Physical Review D, 2012, 86, 1602 (2012).	1.6	10
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527	Measurement of the $B \rightarrow \bar{D} s$ Decays. Physical Review Letters, 2012, 108, 151801.	2.9	27
528	Publisher's Note: Evidence for CP Violation in Time-Integrated $B \rightarrow \bar{D} s$ Decay Rates [Phys. Rev. Lett. 108, 111602 (2012)]. Physical Review Letters, 2012, 108, .	2.9	6
529	Observation of $B \rightarrow \bar{D} s$ Final States. Physical Review Letters, 2012, 108, 151801.	2.9	21
530	Absolute luminosity measurements with the LHCb detector at the LHC. Journal of Instrumentation, 2012, 7, P01010-P01010.	0.5	41
531	Measurement of the $B \rightarrow \bar{D} s$ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	22
532	Measurements of the branching fractions of the decays $B \rightarrow \bar{D} s$ and $B \rightarrow \bar{D} s$. Journal of High Energy Physics, 2012, 2012, .	1.6	19
533	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
534	Measurement of the isospin asymmetry in $B \rightarrow \bar{D} s$ decays. Journal of High Energy Physics, 2012, 2012, 165	1.6	19
535	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. Journal of High Energy Physics, 2012, 2012, .	1.6	56
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538	First observation of the decay $B \rightarrow \bar{D} s$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	36
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540	Measurements of the branching fractions and CP asymmetries of $B \rightarrow \bar{D} s$ and $B \rightarrow \bar{D} s$ decays. Physical Review D, 2012, 85, .	1.6	20

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561	Search for the rare decays $B \rightarrow A s$ and $B \rightarrow A s$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 55-67.	1.5	12
562	Measurement of b-hadron masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	1.5	58
563	First observation of the decay $B \rightarrow \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 177-184.	1.5	27
564	Measurement of the $B \rightarrow \pi^0 \pi^0$ oscillation frequency. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 177-184.	1.5	47
565	Observation of CP violation in $B \rightarrow \pi^0 \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 200-212.	1.4	75
566	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2012, 72, 1.	1.4	30
567	Observation of $X(3872)$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	153
568	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	1.4	58
569	Measurement of $\bar{\Lambda}^0$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2025.	1.4	106
570	Search for $C P$ violation in $C P$ violation in $D \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2011, 84, .	1.6	20
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573	Measurement of the inclusive Λ^0 cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 200-212.	1.5	15
574	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	238
575	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
576	First observation of $B \rightarrow \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 177-184.	1.5	29

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577	Search for the rare decays $B \rightarrow T_j \text{ETQq} 1 \text{ } 0.784314 \text{ } \text{rgBT} / \text{Overlock} 10 \text{ } \text{Tf} 50 \text{ } 732 \text{ } \text{Td}$ (stretchy="false") Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 115-122.	1.5	60
578	Determination of $B \rightarrow T_j \text{ETQq} 1 \text{ } 0.784314 \text{ } \text{rgBT} / \text{Overlock} 10 \text{ } \text{Tf} 50 \text{ } 657 \text{ } \text{Td}$ (stretchy="false") Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	1.5	26
579	Collisions and Measurement of $B \rightarrow T_j \text{ETQq} 1 \text{ } 0.784314 \text{ } \text{rgBT} / \text{Overlock} 10 \text{ } \text{Tf} 50 \text{ } 657 \text{ } \text{Td}$ (stretchy="false") Physical Review Letters, 2011, 107, 21	2.9	28
580	The LHCb Run Control. Journal of Physics: Conference Series, 2010, 219, 022009.	0.3	5
581	Prompt $B \rightarrow T_j \text{ETQq} 1 \text{ } 0.784314 \text{ } \text{rgBT} / \text{Overlock} 10 \text{ } \text{Tf} 50 \text{ } 657 \text{ } \text{Td}$ (stretchy="false") production in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	1.5	26
582	TeV $B \rightarrow T_j \text{ETQq} 1 \text{ } 0.784314 \text{ } \text{rgBT} / \text{Overlock} 10 \text{ } \text{Tf} 50 \text{ } 657 \text{ } \text{Td}$ (stretchy="false") Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	1.5	115
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