

# Marcello Rotondo

## List of Publications by Year in descending order

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Version: 2024-02-01

1,055  
papers

45,881  
citations

2427

97  
h-index

4991

167  
g-index

1081  
all docs

1081  
docs citations

1081  
times ranked

10296  
citing authors



#	ARTICLE	IF	CITATIONS
19	Observation of a New Excited Meson in $D_s$ Decays. <i>Physical Review Letters</i> , 2021, 126, 091802.	7.8	20
20	Observation of Multiplicity-Dependent Prompt $D$ Decays. <i>Physical Review Letters</i> , 2021, 126, 091802.	7.8	20
21	Measurement of the CKM angle $\beta_s$ mixing frequency with $B_s^0 \rightarrow D_s^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	4
22	Observation of the $B_s^0 \rightarrow D^+ D^{\mp}$ decay. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	2
23	Search for heavy neutral leptons in $W \rightarrow \mu^+ \mu^-$ , $W \rightarrow \mu^+ \mu^- \nu \bar{\nu}$ decays. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	15
24	Averages of b-hadron, c-hadron, and $\tau$ -lepton properties as of 2018. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	248
25	Violation in the Decay $B \rightarrow K^* \mu^+ \mu^-$ . <i>Physical Review Letters</i> , 2021, 126, 091802.	7.8	9
26	Observation of CP violation in two-body $B_{(s)}^0 \rightarrow \pi^+ \pi^-$ meson decays to charged pions and kaons. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	10
27	Measurement of CP observables in $B^{\pm} \rightarrow D^{(*)} K^{\pm}$ and $B^{\pm} \rightarrow D^{(*)} \pi^{\pm}$ decays using two-body D final states. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	9
28	Search for the rare decay $B^0 \rightarrow \mu^+ \mu^-$ . <i>Chinese Physics C</i> , 2021, 45, 043001.	3.7	2
29	Measurement of the branching fraction of the $B^0 \rightarrow D^+ \pi^-$ decay. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	6
30	Angular Analysis of the $B \rightarrow K^* \mu^+ \mu^-$ Decay. <i>Physical Review Letters</i> , 2021, 126, 161802.	7.8	96
31	Observation of the $b \rightarrow c + K^* \pi^+$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 815, 136172.	4.1	1
32	Study of the reactions $e^+ e^- \rightarrow B^0 \pi^+ \pi^-$ . <i>Physical Review Letters</i> , 2021, 126, 091802.	4.7	3
33	Observation of the decay $\Lambda_b^0 \rightarrow \pi^+ \pi^- \pi^0$ . <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	1
34	Measurement of the prompt-production cross-section ratio $\sigma(\pi^0)/\sigma(\pi^{\pm})$ in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV. <i>Physical Review C</i> , 2021, 103, .	2.9	5
35	Angular analysis of $B^0 \rightarrow D^* \pi^+ \pi^-$ with $D^* \rightarrow D \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	1
36	Search for CP violation in $D^0 \rightarrow \pi^+ \pi^-$ and $D^0 \rightarrow \pi^+ \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	5

#	ARTICLE	IF	CITATIONS
37	Structure and observation of excited $\Lambda_c^+$ states in the $\Lambda_c^+ \rightarrow \Lambda_c^+ \gamma$ transition. <i>Physical Review D</i> , 2021, 104, .	9.0	121
38	Observation of new excited $B_c^0$ states. <i>European Physical Journal C</i> , 2021, 81, .	3.9	9
39	Measurement of $C$ asymmetry in $B_c^0$ decays. <i>Physical Review D</i> , 2021, 104, .	4.7	3
40	Precise measurement of the $B_c^0$ production asymmetry. <i>Physical Review D</i> , 2021, 104, .	4.7	32
41	Search for the doubly charmed baryon $\Lambda_{cc}^+$ and $\Lambda_{cc}^+$ decaying to $\Lambda_c^+ \gamma$ . <i>Physical Review Letters</i> , 2021, 127, 111801.	7.8	93
42	Search for the doubly charmed baryon $\Lambda_{cc}^+$ . <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	10
43	Search for the doubly heavy baryons $\Lambda_{cc}^+$ and $\Lambda_{cc}^+$ decaying to $\Lambda_c^+ \gamma$ . <i>Chinese Physics C</i> , 2021, 45, 093002.	4.7	6
44	Search for the doubly heavy baryons $\Lambda_{cc}^+$ and $\Lambda_{cc}^+$ decaying to $\Lambda_c^+ \gamma$ . <i>Chinese Physics C</i> , 2021, 45, 093002.	3.7	23
45	Observation of the Mass Difference between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , 2021, 127, 111801.	7.8	23
46	Branching Fraction Measurements of the Rare $B_c^0$ decays. <i>Physical Review D</i> , 2021, 104, .	4.7	6
47	Observation of a $\Lambda_c^+ \rightarrow \Lambda_c^+ \gamma$ production asymmetry in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	4
48	Light meson spectroscopy from Dalitz plot analyses of $B_c^0$ decays to $B_c^0 \gamma$ . <i>Physical Review D</i> , 2021, 104, .	4.7	22
49	Measurement of $B_c^0$ production asymmetry in $B_c^0$ decays. <i>Physical Review D</i> , 2021, 104, .	4.7	9
50	Angular analysis of the rare decay $B_c^0 \rightarrow \Lambda_c^+ \gamma$ . <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	28
51	First measurement of the $C$ -violating phase in $B_c^0$ lightarrow $\{ \psi \}$ ( $\psi$ ) $T_j$ ETQq1 1 0.784314.rgBT/Oylock 10	3.9	10
52	Observation of excited $\Lambda_c^+$ baryons in $\Lambda_c^+ \rightarrow \Lambda_c^+ \gamma$ . <i>Physical Review D</i> , 2021, 104, .	4.7	19
53	Measurement of $J/\psi$ production cross-sections in pp collisions at $\sqrt{s} = 5$ TeV. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	5
54	Simultaneous determination of CKM angle $\hat{\Gamma}^3$ and charm mixing parameters. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	18

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55	Updated search for $B_c^+$ decays to two charm mesons. Journal of High Energy Physics, 2021, 2021, 1.	4.7	0
56	Study of the reactions $e^+e^- \rightarrow B_c^+ B_c^-$ . Physical Review D, 2021, 104, .	4.7	6
57	decay with $B_c^+ \rightarrow B^+ D^0$ . Physical Review D, 2021, 104, .	4.7	6
58	Study of the process $e^+e^- \rightarrow B_c^+ B_c^-$ using initial state radiation with BABAR. Physical Review D, 2021, 104, .	4.7	6
59	Search for the doubly charmed baryon $\Xi_{cc}^{++}$ . Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	35
60	Search for lepton-flavor-violating decays $D \rightarrow X^0 e^+ \mu^-$ . Physical Review D, 2020, 101, .	4.7	6
61	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at $\sqrt{s_{NN}}=8.16$ TeV. Physical Review Letters, 2020, 125, 212001.	7.8	10
62	Observation of structure in the $J/\psi$ -pair mass spectrum. Science Bulletin, 2020, 65, 1983-1993.	9.0	212
63	Precision measurement of the $B_c^+$ meson mass. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8
64	Updated measurement of decay-time-dependent CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 \bar{K}^0$ decays. Physical Review D, 2020, 101, .	4.7	8
65	Search for $B_c^+ \rightarrow B^+ D^0$ decays. Physical Review D, 2020, 101, .	4.7	6

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73	Model-independent Study of Structure in $B \rightarrow D$ Decays. Physical Review Letters, 2020, 125, 242001.	7.8	111
74	Challenges in semileptonic $B \rightarrow D$ decays. European Physical Journal C, 2020, 80, 1.	3.9	48
75	Search for the Rare Decays $B \rightarrow D e \bar{\nu}_e$ . Measurement of the branching fraction of the decay $B \rightarrow D e \bar{\nu}_e$ . Physical Review D, 2020, 102, 012002.	7.8	16
76	Measurement of the branching fraction of the decay $B \rightarrow D e \bar{\nu}_e$ . Physical Review D, 2020, 102, 012002.	4.7	3
77	Search for the Rare Decays $B \rightarrow D e \bar{\nu}_e$ . Measurement of the branching fraction of the decay $B \rightarrow D e \bar{\nu}_e$ . Physical Review D, 2020, 102, 012002.	4.7	3
78	Search for a Dark Leptophilic Scalar in $B \rightarrow D e \bar{\nu}_e$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	18
79	Search for a Dark Leptophilic Scalar in $B \rightarrow D e \bar{\nu}_e$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	18
80	Measurements of the Absolute Branching Fractions of $B \rightarrow D e \bar{\nu}_e$ decays. Physical Review Letters, 2020, 124, 082002.	7.8	17
81	Test of lepton universality with $B \rightarrow D e \bar{\nu}_e$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	31
82	Observation of New $B \rightarrow D e \bar{\nu}_e$ Baryons Decaying to $B \rightarrow D e \bar{\nu}_e$ . Physical Review Letters, 2020, 124, 082002.	7.8	45
83	First Observation of Excited $B \rightarrow D e \bar{\nu}_e$ States. Physical Review Letters, 2020, 124, 082002.	7.8	44
84	Resonances in $B \rightarrow D e \bar{\nu}_e$ annihilation near 2.2 GeV. Physical Review D, 2020, 101, .	4.7	18
85	Measurement of the $\Lambda_b^0$ angular distribution and the $\Lambda_b^0$ polarisation in pp collisions. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
86	Measurement of $C$ -Averaged Observables in the $B \rightarrow D e \bar{\nu}_e$ decays. Physical Review Letters, 2020, 125, 011802.	7.8	128
87	Measurement of CP observables in $B \rightarrow D e \bar{\nu}_e$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
88	Precision measurement of the $\chi_{cc}^{++}$ mass. Journal of High Energy Physics, 2020, 2020, 1.	4.7	33
89	Measurement of $\chi_{cc}^{++}$ production in pp collisions at $\sqrt{s} = 13$ TeV. Chinese Physics C, 2020, 44, 022001.	3.7	16
90	Search for Rare or Forbidden Decays of the $B \rightarrow D e \bar{\nu}_e$ Meson. Physical Review Letters, 2020, 124, 071802.	7.8	5

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91	Determination of quantum numbers for several excited charmed mesons observed in $B\hat{a}^+ D^* \bar{c} \bar{c} \bar{c}$ decays. Physical Review D, 2020, 101, .	4.7	21
92	Amplitude analysis of the $B \rightarrow B^+ \bar{c} \bar{c}$ decay. Physical Review D, 2020, 101, .	4.7	42
93	Violation in $C \rightarrow P$ in $B \rightarrow B^+ \bar{c} \bar{c}$ decay. Physical Review Letters, 2020, 124, 031801.	7.8	32
94	Measurement of $\psi(2S)$ production cross-sections in proton-proton collisions at $\sqrt{s} = 7$ and $13 \text{ TeV}$ . European Physical Journal C, 2020, 80, .	3.9	8
95	Search for $B \rightarrow V \bar{c} \bar{c}$ decays with $B \rightarrow B^+ \bar{c} \bar{c}$ decays. Physical Review Letters, 2020, 124, 041801.	4.7	28
96	Search for $B \rightarrow A \bar{c} \bar{c}$ decays. Physical Review Letters, 2020, 124, 041801.	7.8	148
97	Search for the lepton flavour violating decay $B \rightarrow K^{*1/4} \bar{l}_i \nu_l$ using $B \rightarrow B^+ \bar{c} \bar{c}$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
98	Observation of a new baryon state in the $\Lambda_{\text{b}}^0 \pi^+ \pi^-$ mass spectrum. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
99	Searches for low-mass dimuon resonances. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
100	Search for the doubly heavy $\Xi_{bc}^0$ baryon via decays to $D^0 p K^+$ . Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
101	Strong constraints on the $B \hat{a}^+ \bar{s}^3$ photon polarisation from $B^0 \hat{a}^+ K^{*0} e^+ e^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	19
102	Study of muon pair production from positron annihilation at threshold energy. Journal of Instrumentation, 2020, 15, P01036-P01036.	1.2	9
103	Measurement of the relative branching fractions of $B \rightarrow B^+ \bar{c} \bar{c} h$ decays. Physical Review D, 2020, 102, .	4.7	6
104	Measurement of the $\eta_c(1S)$ production cross-section in $p p$ collisions at $\sqrt{s} = 13 \text{ TeV}$ . European Physical Journal C, 2020, 80, 1.	3.9	17
105	Search for CP violation in $\chi_{c1}^+ \rightarrow p \bar{K}^+ \pi^+$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	3.9	14
106	Measurement of branching fraction ratios for $B \rightarrow B^+ D^* \bar{D}^+ K^+$ , $B \rightarrow B^+ D^* \bar{a}^+ D^+ K^+$ , and $B^0 \hat{a}^+ D^* \bar{a}^+ D^0 K^+$ decays. Journal of High Energy Physics, 2020, 2020, .	4.7	1
107	Measurement of the shape of the $B \rightarrow D^0 \mu^+ \mu^-$ differential decay rate. Journal of High Energy Physics, 2020, 2020, 1.	4.7	7
108	First observation of the decay $B \rightarrow B^+ \bar{c} \bar{c} c$ . Journal of High Energy Physics, 2020, 2020, 1.	4.7	0

#	ARTICLE	IF	CITATIONS
109	Observation of the semileptonic decay $B^0 \rightarrow \rho^0 \mu^+ \mu^-$ . Journal of High Energy Physics, 2020, 2020, .	4.7	4
110	Measurement of CP violation in $B^0 \rightarrow D^+ D_s^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	2
111	Study of the $B^0 \rightarrow \rho^0(770) \rho^0(892) \rho^0$ decay with an amplitude analysis of $B^0 \rightarrow \rho^0(K^+ K^-)$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
112	Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow \rho^0 \mu^+ \mu^- (2S)$ and $B^0 \rightarrow \rho^0 \mu^+ \mu^-$ . Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
113	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^+ K^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	10
114	Precision measurement of the $B^0 \rightarrow \rho^0 \mu^+ \mu^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	20
115	Amplitude analysis of $B^0 \rightarrow \rho^0 K^0 \rho^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
116	First Observation of the Radiative Decay $B^0 \rightarrow \rho^0 \mu^+ \mu^- \gamma$ . Physical Review Letters, 2019, 123, 031801.	7.8	19
117	Measurement of the branching fraction and CP asymmetry in $B^0 \rightarrow \rho^0 \mu^+ \mu^-$ decays. European Physical Journal C, 2019, 79, 1.	3.9	3
118	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2019, 122, 231802.	7.8	55
119	Near-threshold $D^0$ spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	4.7	29
120	Amplitude analysis of the $B^0 \rightarrow \rho^0 K^+ K^-$ decays and measurement of the branching fraction of the $B^0 \rightarrow \rho^0 K^+ K^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
121	Observation of New Resonances in the $B^0 \rightarrow \rho^0 \mu^+ \mu^-$ decay. Physical Review Letters, 2019, 123, 152001.	7.8	19
122	Impacts of radiative corrections on measurements of lepton flavour universality in $B^0 \rightarrow \rho^0 \mu^+ \mu^-$ decays. European Physical Journal C, 2019, 79, 1.	3.9	12
123	Updated measurement of time-dependent CP-violating observables in $B^0 \rightarrow \rho^0 K^+ K^-$ decays. European Physical Journal C, 2019, 79, 1.	3.9	20
124	Measurements of CP asymmetries in charmless four-body $B^0 \rightarrow \rho^0 \rho^0$ and $B^0 \rightarrow \rho^0 \rho^0$ decays. European Physical Journal C, 2019, 79, 1.	3.9	11
125	Measurement of $B^0 \rightarrow \rho^0 \mu^+ \mu^-$ hadron fractions in $13.6 \text{ TeV}$ . Journal of High Energy Physics, 2019, 2019, 1.	4.7	51
126	Extraction of form Factors from a Four-Dimensional Angular Analysis of $B^0 \rightarrow \rho^0 \mu^+ \mu^-$ decays. Physical Review Letters, 2019, 123, 091801.	7.8	24



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127	Measurement of the relative $B \rightarrow D^0 D^{*0} \bar{D}^{*0} \bar{D}^{*0} \bar{D}^{*0}$ branching fractions using $B \rightarrow D^0$ mesons from $B \rightarrow D^0 D^{*0} \bar{D}^{*0} \bar{D}^{*0}$ decays. Physical Review D, 2019, 99, .	4.7	3
128	Measurement of CP observables in the process $B^0 \rightarrow D^0 K^0$ with two- and four-body D decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
129	Search for the rare decay $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ . European Physical Journal C, 2019, 79, 1.	3.9	11
130	Bose-Einstein correlations and $B \rightarrow D^0 D^{*0} \bar{D}^{*0} \bar{D}^{*0}$ decays. Physical Review D, 2019, 99, 1.	1.5	0
131	Search for the rare decay $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ . European Physical Journal C, 2019, 79, 1.	4.1	6
132	Highlights from the LHCb experiment. Nuclear Physics A, 2019, 982, 15-21.	1.5	0
133	Direct photon production at LHCb. Nuclear Physics A, 2019, 982, 251-254.	1.5	5
134	Study of coherent $J/\psi$ production in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the LHCb experiment. Nuclear Physics A, 2019, 982, 247-250.	1.4	14
135	Observation of the $B \rightarrow D^0 D^{*0} \bar{D}^{*0} \bar{D}^{*0}$ (3872) $\rho^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
136	Prompt $\Lambda_c^+$ 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.	1.5	2
137	Measurement of the Charm-Mixing Parameter $\gamma_{CP}$ . Physical Review Letters, 2019, 122, 011802.	7.8	15
138	Search for CP Violation in $D_s \rightarrow \mu^+ K^0 \bar{K}^0$ , $D \rightarrow \mu^+ K^0 K^+$ , and $D \rightarrow \mu^+ \bar{K}^0 K^+$ Decays. Physical Review Letters, 2019, 122, 191803.	7.8	9
139	Measurement of $B \rightarrow D^0 D^{*0} \bar{D}^{*0} \bar{D}^{*0}$ decays. Physical Review D, 2019, 99, 1.	7.8	9
140	Measurement of $B \rightarrow D^0 D^{*0} \bar{D}^{*0} \bar{D}^{*0}$ decays. Physical Review D, 2019, 99, 1.	4.7	17
141	Observation of a Narrow $\rho^0$ Peak in $B \rightarrow D^0 D^{*0} \bar{D}^{*0} \bar{D}^{*0}$ Decays. Physical Review Letters, 2019, 122, 232001.	7.8	157
142	Observation of a Narrow $\rho^0$ Peak in $B \rightarrow D^0 D^{*0} \bar{D}^{*0} \bar{D}^{*0}$ Decays. Physical Review Letters, 2019, 122, 232001.	7.8	157
143	Observation of an Excited $\rho^0$ State in $B \rightarrow D^0 D^{*0} \bar{D}^{*0} \bar{D}^{*0}$ Decays. Physical Review Letters, 2019, 122, 232001.	7.8	157
144	Search for Lepton-Universality Violation in $B \rightarrow D^0 D^{*0} \bar{D}^{*0} \bar{D}^{*0}$ Decays. Physical Review Letters, 2019, 122, 191801.	7.8	355

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145	Observation of the doubly Cabibbo-suppressed decay $\hat{B}^0 \rightarrow \pi^+ \pi^- \pi^0$ . Journal of High Energy Physics, 2019, 2019, 1.		2
146	Model-Independent Observation of Exotic Contributions to $B \rightarrow D^0 \pi^+ \pi^-$ Decays. Physical Review Letters, 2019, 122, 152002.	7.8	24
147	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
148	Observation of the Decay $B \rightarrow D^0 K^+ K^-$ . Physical Review Letters, 2019, 122, 081802.	7.8	7
149	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. Physical Review Letters, 2019, 122, 132002.	7.8	48
150	Measurement of the mass and production rate of $\Lambda_b^0$ baryons. Physical Review D, 2019, 99, .	4.7	18
151	Search for a Stable Six-Quark State at BABAR. Physical Review Letters, 2019, 122, 072002.	7.8	10
152	Prompt $\hat{b} + c$ production in pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
153	Measurement of the electron reconstruction efficiency at LHCb. Journal of Instrumentation, 2019, 14, P11023-P11023.	1.2	7
154	A search for $\Xi_{\text{cc}}^{++}$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
155	Measurement of CP violation in the $B_s^0 \rightarrow \pi^+ \pi^-$ decay and search for the $B^0 \rightarrow \pi^+ \pi^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
156	Search for $B^0 \rightarrow \pi^+ \pi^- \pi^0$ with the BaBar experiment. Physical Review D, 2019, 100, .	4.7	6
157	Measurement of the meson production fraction and asymmetry in 7 and 13 TeV collisions. Physical Review D, 2019, 100, .	4.7	12
158	Search for the Lepton-Flavor-Violating Decays $B \rightarrow \tau^+ \tau^- \pi^0$ and $B \rightarrow \tau^+ \tau^- \pi^+$ . Physical Review Letters, 2019, 123, 241802.	7.8	10
159	Search for Lepton-Flavor Violating Decays $B \rightarrow \tau^+ K^+ \pi^0$ . Physical Review Letters, 2019, 123, 241802.	7.8	18
160	Measurement of $B \rightarrow C^+ P^-$ -Violating and Mixing-Induced Observables in $B \rightarrow \pi^+ \pi^- \pi^0$ Decay. Physical Review Letters, 2019, 123, 232001.	7.8	10
161	Amplitude Analysis of $B \rightarrow \pi^+ \pi^- \pi^0$ Decay. Physical Review Letters, 2019, 123, 232001.	7.8	38
162	Measurement of Charged-Hadron Production in $B \rightarrow Z$ -Tagged Jets in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2019, 123, 232001.	7.8	10

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163	Observation of Two Resonances in the $\Lambda_c^+ \rightarrow p \pi^+ \pi^0$ System and Precise Measurement of $\Lambda_c^+ \rightarrow p \pi^+ \pi^0$ Branching Fractions. <i>Physical Review Letters</i> , 2018, 120, 061801.	7.8	48
164	Search for excited $B_c^+$ states. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	15
165	Search for Dark Photons Produced in $13\text{ TeV}$ $pp$ Collisions. <i>Physical Review Letters</i> , 2018, 120, 061801.	7.8	113
166	First observation of forward $Z\tau^+\tau^-$ production in $pp$ collisions at $\sqrt{s}=8\text{ TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 776, 430-439.	4.1	2
167	Measurement of CP observables in $B^{\pm} \rightarrow D^0 K^{\pm}$ and $B^{\pm} \rightarrow D^0 \bar{K}^{\pm}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 777, 16-30.	4.1	15
168	A measurement of the CP asymmetry difference between $B^0 \rightarrow \pi^+ \pi^- K^+ K^-$ and $B^0 \rightarrow \pi^+ \pi^- \bar{K}^+ \bar{K}^-$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, .	4.7	14
169	Measurement of CP asymmetry in $B^0 \rightarrow \pi^+ \pi^- D^0$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 4.7	4.7	13
170	Search for the lepton-flavour violating decays $B^0 \rightarrow \tau^+ \tau^- e^+ e^-$ . <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	21
171	First measurement of the CP-violating phase $\phi_1$ in $B^0 \rightarrow \pi^+ \pi^- (K^+ \bar{K}^0)$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	11
172	Test of lepton flavor universality by the measurement of the $R_{\tau}^{\mu}$ ratio. <i>Physical Review Letters</i> , 2018, 120, 061801.	4.7	189
173	Measurement of the Ratio of Branching Fractions $R_{\tau}^{\mu}$ and $R_{\tau}^e$ . <i>Physical Review Letters</i> , 2018, 120, 061801.	4.7	204
174	Measurement of the Ratio of Branching Fractions $R_{\tau}^{\mu}$ and $R_{\tau}^e$ . <i>Physical Review Letters</i> , 2018, 120, 061801.	4.7	204

#	ARTICLE	IF	CITATIONS
181	Search for CP violation in $B \rightarrow \pi \ell^+ \ell^-$ decays. Physical Review D, 2018, 98, .	4.1	13
182	Measurement of the $B \rightarrow \pi \ell^+ \ell^-$ transition form factor. Physical Review D, 2018, 98, .	4.7	16
183	Search for lepton-flavour-violating decays of Higgs-like bosons. European Physical Journal C, 2018, 78, 1008.	3.9	9
184	Search for the decay mode $B \rightarrow \pi^+ \rho^0 \pi^-$ . Physical Review D, 2018, 98, .	4.7	4
185	First Evidence for $\cos 2\beta$ and Resolution of the Cabibbo-Kobayashi-Maskawa Quark-Mixing Unitarity Triangle Ambiguity. Physical Review Letters, 2018, 121, 261801.	7.8	8
186	Evidence for an $\eta_c(1S)$ resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^-$		

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199	First observation of the Doubly Charmed Baryon Decay $\Lambda_{bc}^+ \rightarrow \Lambda_{bc}^0 \pi^+$ . <i>Physical Review Letters</i> , 2018, 121, 092003.	7.8	122
200	Measurement of the CKM angle $\hat{\beta}$ using $B_{d,s}^{\pm} \rightarrow D K_{d,s}^{\pm}$ with $D \rightarrow K^* \pi$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	14
201	Measurement of $D_{s1}^{\pm}$ s production asymmetry in pp collisions at $\sqrt{s}=7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	5
202	Measurement of Angular and CP Asymmetries in $B_{d,s}^{\pm} \rightarrow D^* K^{\pm}$ decays. <i>Physical Review D</i> , 2018, 97, 074011.	7.8	13
203	Measurement of the $B_{d,s}^{\pm} \rightarrow D^* K^{\pm}$ CP Asymmetries. <i>Physical Review D</i> , 2018, 97, 074011.	7.8	23
204	Evidence for the decay $B_{d,s}^{\pm} \rightarrow D^* K^{\pm} \pi^0$ . <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	20
205	Measurement of CP asymmetries in two-body $B(s) \rightarrow \pi \pi$ meson decays to charged pions and kaons. <i>Physical Review D</i> , 2018, 98, 074011.	4.7	20
206	Observation of the decay $B_{d,s}^{\pm} \rightarrow D^* K^{\pm} \pi^0$ . <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	8
207	Testing lepton flavour universality in semileptonic $B_{d,s}^{\pm} \rightarrow D^* K^{\pm} \ell^+ \ell^-$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	21
208	Measurement of the CP asymmetry in $B_{d,s}^{\pm} \rightarrow D^* K^{\pm} \pi^0$ and $B_{d,s}^{\pm} \rightarrow D^* K^{\pm} \pi^{\pm}$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	2
209	Search for CP violation using triple product asymmetries in $B_{d,s}^{\pm} \rightarrow D^* K^{\pm} \pi^0$ , $B_{d,s}^{\pm} \rightarrow D^* K^{\pm} K^{\pm}$ and $B_{d,s}^{\pm} \rightarrow D^* K^{\pm} K^{\mp}$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	11
210	Study of $B_{d,s}^{\pm} \rightarrow D^* K^{\pm} \pi^0$ decays. <i>Physical Review D</i> , 2018, 97, 074011.	4.7	10
211	Search for the rare decay $B_{d,s}^{\pm} \rightarrow D^* K^{\pm} \pi^0 \pi^0$ . <i>Physical Review D</i> , 2018, 97, 074011.	4.7	17
212	Search for weakly decaying $b$ -flavored pentaquarks. <i>Physical Review D</i> , 2018, 97, 074011.	4.7	7
213	Study of the process $B_{d,s}^{\pm} \rightarrow D^* K^{\pm} \pi^0$ using initial state radiation. <i>Physical Review D</i> , 2018, 97, 074011.	4.7	15
214	First observation of $B_{d,s}^{\pm} \rightarrow D^* K^{\pm} \pi^0$ decays and a search for $B_{d,s}^{\pm} \rightarrow D^* K^{\pm} \pi^{\pm}$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	11
215	Measurements of the branching fractions of $B_{d,s}^{\pm} \rightarrow D^* K^{\pm} \pi^0$ , $B_{d,s}^{\pm} \rightarrow D^* K^{\pm} K^{\pm}$ , and $B_{d,s}^{\pm} \rightarrow D^* K^{\pm} K^{\mp}$ . <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	10
216	Measurement of CP violation in $B_{d,s}^{\pm} \rightarrow D^* K^{\pm} \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	4

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217	Amplitude Analysis of the Decay $B^0 \rightarrow K^* \rho^0$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K^* \rho^0$ . Physical Review Letters, 2018, 120, 261801.	7.8	14
218	Search for $B_c^+$ decays to two charm mesons. Nuclear Physics B, 2018, 930, 563-582.	2.5	8
219	Measurement of the Lifetime of the Doubly Charmed Baryon $\Xi_{cc}^{++}$ . Physical Review Letters, 2018, 121, 052002.	7.8	76
220	Measurement of branching fractions of charmless four-body $\bar{b} \rightarrow b 0$ and $\bar{s} \rightarrow s 0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	10
221	Observation of the decay $\bar{b} \rightarrow \bar{c} + p + \pi^0$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 101-111.	4.1	8
222	Observation of a New Resonance. Physical Review Letters, 2018, 121, 072002.	7.8	77
223	Evidence for the Rare Decay $B^0 \rightarrow \pi^0 \rho^0$ . Physical Review Letters, 2018, 120, 221802.	7.8	24
224	Search for the CP-violating strong decays $\bar{b} \rightarrow \bar{c} + \rho^0$ and $\bar{b} \rightarrow \bar{c} + \rho^+$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 233-240.	4.1	7
225	Search for the suppressed decays $B \rightarrow K^* K + \rho^0$ and $B \rightarrow \rho^0 K^* K$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	4.1	9
226	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	16.7	64
227	Amplitude analysis of $B \rightarrow \rho^0 \rho^0$ . Observation of $B \rightarrow \rho^0 \rho^0$ . Physical Review Letters, 2017, 118, 081801.	4.7	92
228	Consistent with Exotic States from Amplitude Analysis of $B \rightarrow \rho^0 \rho^0$ Structures. Physical Review Letters, 2017, 118, 081801.	7.8	150
229	Observation of the Annihilation Decay Mode $B \rightarrow \rho^0 \rho^0$ . Physical Review Letters, 2017, 118, 081801.	7.8	25
230	First Experimental Study of Photon Polarization in Radiative $B_s^0$ Decays. Physical Review Letters, 2017, 118, 021801.	7.8	20
231	Observation of the decay $B \rightarrow \rho^0 \rho^0$ . Physical Review Letters, 2017, 118, 081801.	4.1	7
232	Measurement of the $B \rightarrow \rho^0 \rho^0$ and evidence for $B \rightarrow \rho^0 \rho^0$ . Physical Review Letters, 2017, 118, 081801.	4.7	21
233	Measurement of the $B \rightarrow \rho^0 \rho^0$ -Quark Production Cross Section in 7 and 13 TeV Collisions. Physical Review Letters, 2017, 118, 052002.	7.8	52
234	Measurement of the phase difference between short- and long-distance amplitudes in the $B \rightarrow K^* K + \rho^0$ decay. European Physical Journal C, 2017, 77, 161.	3.9	51

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235	Study of the $D^0 p$ amplitude in $\bar{b} \rightarrow c \ell^+ \nu_\ell$ decays. Journal of High Energy Physics, 2017, 2017, 14.7		54
236	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	3.9	54
237	Observation of $B \rightarrow \bar{c} \ell^+ \nu_\ell$ and $B \rightarrow \bar{c} \ell^+ \nu_\ell$ . European Physical Journal C, 2017, 77, 72.	3.9	7
238	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	4.1	17
239	Search for $B \rightarrow K \ell^+ \ell^-$ at the BaBar Experiment. Physical Review Letters, 2017, 118, 031802.	7.8	35
240	Observation of the Decay $\bar{b} \rightarrow c \tau^+ \nu_\tau$ . Physical Review Letters, 2017, 118, 071801.	7.8	9
241	Search for long-lived scalar particles in $B \rightarrow K \ell^+ \ell^-$ . Physical Review Letters, 2017, 118, 071801.	7.8	9
242	Study of prompt $D^0$ meson production in pPb collisions at $\sqrt{s_{NN}} = 5.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	45
243	Prompt and nonprompt $J/\psi$ production and nuclear modification in pPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 159-178.	4.1	37
244	Observation of charmless baryonic decays $B \rightarrow p \pi^0$ and $B \rightarrow p \eta$ . European Physical Journal C, 2017, 77, 609.	3.9	17
245	Study of charmonium production in $B \rightarrow \psi(2S) \ell^+ \ell^-$ -hadron decays and first evidence for the decay $B \rightarrow \psi(2S) \ell^+ \ell^-$ . European Physical Journal C, 2017, 77, 609.	3.9	17
246	Improved limit on the branching fraction of the rare decay $B \rightarrow \mu^+ \mu^- \ell^+ \ell^-$ . European Physical Journal C, 2017, 77, 678.	3.9	17
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248	Observation of $B_c \rightarrow D^{(*)} K^{(*)}$ decays. Physical Review D, 2017, 95, .	4.7	12
249	Measurements of charm mixing and violation using $B \rightarrow D \ell^+ \ell^-$ . Physical Review D, 2017, 95, .	4.7	11
250	Measurement of the $B_{\Delta^\pm}$ production asymmetry and the CP asymmetry in $B_{\Delta^\pm} \rightarrow K^{\pm} \ell^+ \ell^-$ decays. Physical Review D, 2017, 95, .	4.7	6
251	Search for the $B \rightarrow \ell^+ \ell^- \nu_\ell \bar{\nu}_\ell$ decay. Journal of High Energy Physics, 2017, 2017, 1.	4.7	3
252	Observation of the decay $\bar{b} \rightarrow c \ell^+ \nu_\ell$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	4.7	11

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253	Measurement of $B \rightarrow D s$ and $B \rightarrow D s$ decays. Physical Review Letters, 2017, 118, 261803.	7.8	15
254	Observation of the Doubly Charmed Baryon $\Lambda_{cc}^+$ and $\Lambda_{cc}^+$ decays. Physical Review Letters, 2017, 119, 112001.	7.8	417
255	Measurement of the CP Violation Parameter $A_1^0$ in $D_0 \rightarrow K^+ K^-$ and $D_0 \rightarrow \pi^+ \pi^-$ Decays. Physical Review Letters, 2017, 118, 261803.	7.8	20
256	Observation of $B \rightarrow D K$ decays. Physical Review Letters, 2017, 118, 111803.	7.8	25
257	States Decaying to $B \rightarrow D K$ decays. Physical Review Letters, 2017, 118, 111803.	7.8	234
258	Measurement of CP asymmetries in $D_{s1}^+ \rightarrow \bar{D}^0 K^+$ and $D_{s1}^+ \rightarrow \bar{D}^0 K^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	4.1	8
259	Observation of $B \rightarrow D K$ decays. Physical Review Letters, 2017, 118, 111803.	4.1	18
260	Observation of the $B \rightarrow D K$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	4.1	17
261	Branching Fraction and Effective Lifetime and Search for $B \rightarrow D K$ decays. Physical Review Letters, 2017, 118, 111803.	7.8	220
262	Study of $B \rightarrow D K$ production in jets. Physical Review Letters, 2017, 118, 192001.	7.8	39
263	Observation of the Decays $B \rightarrow D K$ and $B \rightarrow D K$ . Physical Review Letters, 2017, 119, 062001.	7.8	28
264	Observation of the $B \rightarrow D K$ decay. Physical Review D, 2017, 96, .	4.7	4
265	Search for the Decays $B \rightarrow D K$ and $B \rightarrow D K$ . Physical Review Letters, 2017, 118, 251802.	7.8	81
266	Measurement of the shape of the $B \rightarrow D K$ differential decay rate. Physical Review D, 2017, 96, .	4.7	29
267	Cross sections for the reactions $B \rightarrow D K$ and $B \rightarrow D K$ . Physical Review Letters, 2017, 118, 111803.	4.7	16
268	Dalitz plot analyses of $B \rightarrow D K$ decays. Physical Review D, 2017, 95, .	4.7	9
269	Observation of the suppressed decay $B \rightarrow D K$ . Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
270	Measurement of the inclusive electron spectrum from $B \rightarrow D K$ meson decays and determination of $B \rightarrow D K$ . Physical Review D, 2017, 95, .	4.7	15



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272	$\chi^2$ and $\chi^2$ Resonance Parameters with the Decays $B \rightarrow K^* \ell^+ \ell^-$ . Physical Review Letters, 2017, 119, 221801.	4.7	18
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274	Observation of $D^* \rightarrow D \ell^+ \ell^-$ Meson Decays to $D^* \rightarrow D \ell^+ \ell^-$ and $D^* \rightarrow D \ell^+ \ell^-$ . Physical Review Letters, 2017, 119, 181805.	7.8	21
275	Measurement of the $D^*(2010)^+ \rightarrow D^+ \ell^+ \ell^-$ Mass Difference. Physical Review Letters, 2017, 119, 202003.	7.8	2
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277	Search for Baryon-Number Violating $B \rightarrow p \ell^+ \ell^-$ Oscillations. Physical Review Letters, 2017, 119, 181807.	7.8	6
278	Measurement of the $J/\psi$ pair production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	34
279	New algorithms for identifying the flavour of $B^0$ mesons using pions and protons. European Physical Journal C, 2017, 77, 238.	3.9	11
280	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 5$ TeV. Journal of High Energy Physics, 2017, 2017, .	4.7	35
281	Search for CP violation in the phase space of $D^0 \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 345-356.	4.1	10
282	Evidence for the two-body charmless baryonic decay $B \rightarrow p \ell^+ \ell^-$ . Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
283	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow p \ell^+ \ell^-$ . Physical Review Letters, 2017, 119, 232001.	7.8	15
284	Resonances and CP violation in $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$ decays in the mass region above the $\psi(1020)$ . Journal of High Energy Physics, 2017, 2017, 1.	4.7	19
285	Study of $b \rightarrow c \ell^+ \ell^-$ correlations in high energy proton-proton collisions. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
286	Measurement of CP observables in $B \rightarrow K^* \ell^+ \ell^-$ decays using two- and four-body D final states. Journal of High Energy Physics, 2017, 2017, 1.	4.7	7
287	Measurement of $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 139-158.	4.1	13
288	Measurement of the $e^+e^- \rightarrow \tau^+ \tau^- K^* \ell^+ \ell^-$ and $e^+e^- \rightarrow \tau^+ \tau^- K^* \ell^+ \ell^-$ cross sections using initial-state radiation. Physical Review D, 2017, 95, .	4.7	8

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290	First Observation of a Baryonic $B \rightarrow B^0 s$ Decay. Physical Review Letters, 2017, 119, 041802.	4.7	11
291	Averages of b-hadron, c-hadron, and $\Lambda_{cb}$ , -lepton properties as of summer 2016. European Physical Journal C, 2017, 77, 1.	3.9	379
292	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	3.9	41
293	Evidence for CP violation in $B \rightarrow B^0 s$ decay. Journal of High Energy Physics, 2017, 2017, .	4.7	7
294	Updated branching fraction measurements of $B_0 \rightarrow s K^0_S + \bar{h} \rightarrow \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2017, 2017, .	4.7	6
295	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
296	Observation of the decay $B \rightarrow s^0 \pi^+ \pi^-$ and evidence for $B \rightarrow s^0 \pi^+ \pi^- c \bar{c} + \bar{c} c$ . Journal of High Energy Physics, 2017, 2017, .	4.7	6
297	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at $s = 7 \sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
298	Measurement of the $B_{\pm}$ production cross-section in pp collisions at $s = 7 \sqrt{s} = 7$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, .	4.7	17
299	Measurement of the $Y(nS)$ polarizations in pp collisions at $s = 7 \sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
300	Reconstruction of semileptonically decaying beauty hadrons produced in high energy pp collisions. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
301	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B \rightarrow \pi^+ \pi^- \pi^0$ and $B \rightarrow \pi^+ \pi^- K^0$ . Journal of High Energy Physics, 2017, 2017, 1.	4.7	3
302	A precise measurement of the $B^0 \rightarrow B^0$ meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	3.9	21
303	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	3.9	26
304	Observations of $\bar{b} \rightarrow b^0 \pi^+ K^0$ and $\bar{b} \rightarrow b^0 \pi^+ K^0 + K^0$ decays and searches for other $\bar{b} \rightarrow b^0$ and $\bar{b} \rightarrow b^0$ decays to $\pi^0$ final states. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24
305	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $s = 8 \sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	16
306	Observation of $\bar{b} \rightarrow b^0 \pi^+ \pi^- (2S) p K^0$ and $\bar{b} \rightarrow b^0 \pi^+ \pi^- \pi^0 p K^0$ decays and a measurement of the $\bar{b} \rightarrow b^0$ baryon mixing. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17

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308	Production of associated $\Upsilon$ and open charm hadrons in pp collisions at $\sqrt{s} = 7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	4.7	37
309	Measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow DK^*$ with $D \rightarrow K^* S^0 \rightarrow K^* \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2016, 2016, .	4.7	8
310	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	23
311	Measurement of the ratio of branching fractions $\hat{\alpha}_s \Gamma(B^0 \rightarrow K^+ J/\psi K^0) / \hat{\alpha}_s \Gamma(B^0 \rightarrow K^+ J/\psi K^0)$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
312	Measurement of forward $W^+ e^{1/2}$ production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
313	Measurement of the CKM angle $\hat{\beta}^3$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
314	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ decays and the $B^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ differential branching fractions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	75
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316	A new algorithm for identifying the flavour of $B^0$ mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	1.2	12
317	Amplitude analysis of $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. Physical Review D, 2016, 94, .		
318	Study of $B_c^+$ decays to the $K^+ K^0 \pi^+$ final state and evidence for the decay $B_c^+ \rightarrow \pi^+ \pi^0 \pi^+$ . Physical Review D, 2016, 94, .	4.7	20
319	Measurement of $C$ violation in $B^0 \rightarrow D^+ \pi^-$ decays. Physical Review D, 2016, 94, .	7.8	12
320	Measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 484-492.	4.1	6
321	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.	4.1	20
322	Model-independent measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow DK^* \rightarrow 0$ decays with $D \rightarrow K^* S^0 \rightarrow K^* \pi^+ \pi^-$ and $K^* S^0 \rightarrow K^* \pi^+ \pi^-$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	9
323	Measurements of long-range near-side angular correlations in $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 473-483.	4.1	17
324	Measurements of long-range near-side angular correlations in $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 473-483.	4.1	17

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326	Observation of the $b \rightarrow \bar{b}^{\prime} s \ell^+ \ell^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	4.1	14
327	Measurement of CP observables in $B_{\pm}^0 \rightarrow D^{\pm} K^{\pm}$ and $B_{\pm}^0 \rightarrow D^{\pm} \pi^{\pm}$ with two- and four-body D decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	4.1	20
328	Tests of $C$ symmetry in $B \rightarrow T$ symmetry in $B \rightarrow B^0$	4.7	14
329	Search for a muonic dark force at $i\text{BaBar}$ . Physical Review D, 2016, 94, .	4.7	108
330	Measurement of the Asymmetry in $B \rightarrow s$	7.8	22
331	Mixing. Contributions to Exotic Hadron Contributions to	7.8	102
332	Mixing. Contributions to Exotic Hadron Contributions to	7.8	110
333	Measurement of the $1/2$ wave amplitude from Dalitz plot analyses of $\eta \rightarrow \pi^+ \pi^- \pi^0$ in two-photon interactions. Physical Review D, 2016, 93, .	4.7	9
334	Search for mixing-induced $C$ violation using partial reconstruction of $B \rightarrow P$	4.7	3
335	Time-dependent analysis of $B \rightarrow K^0 S$ and studies of the $B \rightarrow K^0 S$	4.7	7
336	Measurement of angular asymmetries in the decays $B \rightarrow K^0 S$	4.7	29
337	Studies of the resonance structure in $D \rightarrow K^0 S$	4.7	20
338	Measurement of the mass and lifetime of the $\Lambda_b^0$ baryon. Physical Review D, 2016, 93, .	4.7	13
339	Measurement of the neutral D meson mixing parameters in a time-dependent amplitude analysis of the $D^0 \rightarrow \pi^+ \pi^- \pi^0$ decay. Physical Review D, 2016, 93, .	4.7	9
340	Observation of $B \rightarrow D^0 K^0$	7.8	14
341	Oscillations in $B \rightarrow D^0 K^0$	7.8	27
342	First observation of the rare $B \rightarrow D^0 K^+ \pi^-$ decay. Physical Review D, 2016, 93, .	4.7	5

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343	Measurement of the $B_s^0 \rightarrow D_s^{(*)} + D_s^{(*)} \bar{\nu}$ branching fractions. Physical Review D, 2016, 93, .	4.7	5
344	Constraints on the unitarity triangle angle $\alpha_3$ from Dalitz plot analysis of $B \rightarrow D \pi \pi$ decays. Physical Review D, 2016, 93, .	4.7	13
345	Observation of $B_s^0 \rightarrow D^+ K^-$ and Evidence for $B_s^0 \rightarrow D^+ K^-$ Decays. Physical Review Letters, 2016, 116, 161802.8	7.8	6
346	Measurement of the Difference of Time-Integrated Asymmetries in $B \rightarrow D \pi \pi$ Decays. Physical Review Letters, 2016, 116, 161802.8	7.8	42
347	Search for Structure in the $B \rightarrow D \pi \pi$ Decays. Physical Review Letters, 2016, 117, 152003.	7.8	31
348	Search for Structure in the $B \rightarrow D \pi \pi$ Decays. Physical Review Letters, 2016, 117, 152003.	7.8	31
349	Measurement of the $B^0 \rightarrow D^+ \bar{\nu} + \bar{\nu} \nu$ branching fraction. Physical Review D, 2016, 94, .	4.7	6
350	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ in the $K^0, 2 \pi^0$ region. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
351	Study of $D^0 \rightarrow \pi^+ \pi^-$ mesons decaying to $D^0 \rightarrow \pi^+ \pi^- K^0$ and $D^0 \rightarrow K^+ K^-$ final states. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
352	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, .	4.7	59
353	Study of $\bar{\nu}(2S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
354	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2016, 2016, .	4.7	13
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357	Observation of the $B^0 \rightarrow \bar{K}^0 \pi^+ \pi^-$ decay. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
358	First observation of the decay $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ in the $\bar{K}^0$ region of the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	4.1	13
359	Angular analysis of the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay using 3 fb <sup>-1</sup> of integrated luminosity. Journal of High Energy Physics, 2016, 2016, 1.	4.7	304
360	Measurement of the $B^0 \rightarrow D^+ K^-$ decay branching fraction as a function of $\alpha_3$ . Physical Review D, 2015, 91, .	4.7	28

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362	Study of CP violation in $B \rightarrow D h$ ( $h=K, \pi$ ) with the modes $D^* K^{\pm} \bar{K}^{\pm} \pi^0, D^* \bar{K}^{\pm} \pi^0$ and $D^* K^{\pm} \bar{K}^{\pm} \pi^0$ . Physical Review D, 2015, 91, .	4.7	14
363	Study of the $e^+e^- \rightarrow K^+K^-$ in the energy range from 2.6 to 8.0 GeV. Physical Review D, 2015, 92, .	4.7	13
364	Measurement of initial-state $e^+e^-$ final-state radiation interference in the processes $e^+e^- \rightarrow K^+K^-$ . Physical Review D, 2015, 92, .	4.7	18
365	Study of $e^+e^- \rightarrow D^+D^-$ . Physical Review D, 2015, 92, .	4.7	6
366	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	7.8	22
367	Violation in $e^+e^- \rightarrow C^+P^-$ . Evidence for the Strangeness-Changing Weak Decay $B \rightarrow D^* K^0$ . Physical Review D, 2015, 92, .	7.8	14
368	Observation of the baryonic decay $B \rightarrow p \bar{K}^+ K^+$ . Physical Review D, 2015, 91, .	7.8	25
369	First observation and amplitude analysis of the $B \rightarrow D^* K^0$ . Physical Review D, 2015, 91, .	4.7	50
370	Amplitude analysis of $B \rightarrow D^* K^0$ . Physical Review D, 2015, 92, .	4.7	69
371	Amplitude analysis of $B \rightarrow D^* K^0$ . Physical Review D, 2015, 92, .	4.7	30
372	Amplitude analysis of $B \rightarrow D^* K^0$ . Physical Review D, 2015, 92, .	4.7	80
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374	Measurement of the branching fraction ratio $B(B_c \rightarrow \eta' (2S) \pi^+) / B(B_c \rightarrow \eta' \pi^+)$ . Physical Review D, 2015, 92, .	4.7	14
375	Collins asymmetries in inclusive charged $K^+K^-$ and $K^+K^-$ pairs produced in $e^+e^-$ . Physical Review D, 2015, 92, .	4.7	23
376	Search for the rare decays $B \rightarrow J/\psi \pi^0$ and $B_s \rightarrow J/\psi \pi^0$ . Physical Review D, 2015, 92, .	4.7	8
377	Model-independent confirmation of the $Z \rightarrow T_{45} T_{57} T_{45}$ . Physical Review D, 2015, 92, .	4.7	5

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381	<p>Resonances Consistent with Pentaquark States in <math>B</math> Decay. Physical Review Letters, 2015, 115, 051801.</p> <p>Measurement of the Ratio of Branching Fractions <math>R_{B^0}</math> in <math>B</math> Decay. Physical Review Letters, 2015, 115, 051801.</p>	7.8	816
382	<p>Measurement of the Ratio of Branching Fractions <math>R_{B^0}</math> in <math>B</math> Decay. Physical Review Letters, 2015, 115, 051801.</p>		

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399	Measurement of the time-dependent CP asymmetries in $B^0 \rightarrow \rho^+ \rho^-$ . Journal of High Energy Physics, 2015, 2015, .	4.7	12
400	Search for the decay $B_s^0 \rightarrow \overline{D}^0 \pi^0(980)$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	17
401	Measurement of forward $J/\psi$ production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
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412	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	16.7	105
413	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.	4.1	13
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417	Measurement of the semileptonic $B \rightarrow D^* \mu^+ \mu^-$ asymmetry in $B \rightarrow D^* \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2015, 114, 081801.	7.8	15
418	Search for long-lived particles in $B \rightarrow K^* e^+ e^-$ decays. <i>Physical Review Letters</i> , 2015, 114, 171801.	7.8	34
419	Measurement of the semileptonic $B \rightarrow D^* \mu^+ \mu^-$ asymmetry in $B \rightarrow D^* \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2015, 114, 081801.	4.7	32
420	Violation in $B \rightarrow D^* \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2015, 114, 081801.	7.8	32
421	Measurement of $B \rightarrow D^* \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2015, 114, 081801.	7.8	65
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423	LHCb detector performance. <i>International Journal of Modern Physics A</i> , 2015, 30, 1530022.	1.5	604
424	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2015, 75, 152.	3.9	44
425	Search for CP violation in $B \rightarrow D^* \mu^+ \mu^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 740, 158-167.	7.8	20
426	Study of $\bar{B} \rightarrow \bar{D}^* \mu^+ \mu^-$ mixing from measurement of $B \rightarrow D^* \mu^+ \mu^-$ decay rates. <i>Journal of High Energy Physics</i> , 2015, 2015, .	4.7	13
427	Measurement of the $Z+b$ -jet cross-section in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	9
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431	Observation of the rare $B_s^0 \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. <i>Nature</i> , 2015, 522, 68-72.	27.8	390
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433	Measurement of the $\eta_c(1S)$ production cross-section in proton-proton collisions via		
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453	Search for Majorana Neutrinos in $B \rightarrow \tau \nu \tau \nu$ Decays. <i>Physical Review Letters</i> , 2014, 112, 131802.	7.8	106
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455	Search for the decay $B \rightarrow D^* \tau \nu$ . <i>Physical Review D</i> , 2014, 89, .	4.7	4
456	Measurement of Collins asymmetries in inclusive production of charged pion pairs in $B \rightarrow D^* \pi \pi$ decays. <i>Physical Review D</i> , 2014, 90, .	4.7	80
457	Violation in the Phase Space of $B \rightarrow D^* K$ Decays. <i>Physical Review Letters</i> , 2014, 112, 131802.	7.8	78
458	Measurement of resonant and non-resonant components in $B \rightarrow D^* K$ decays. <i>Physical Review Letters</i> , 2014, 112, 131802.	4.7	67
459	Measurement of the $B \rightarrow D^* K$ Decays. <i>Physical Review Letters</i> , 2014, 112, 131802.	7.8	80
460	Measurement of the $B \rightarrow D^* K$ Decays. <i>Physical Review Letters</i> , 2014, 112, 131802.	7.8	17
461	Measurement of the $B \rightarrow D^* K$ Decays. <i>Physical Review Letters</i> , 2014, 112, 131802.	4.7	99
462	Measurement of the $B \rightarrow D^* K$ Decays. <i>Physical Review Letters</i> , 2014, 112, 131802.	7.8	20
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464	LHCb Collaboration. <i>Nuclear Physics A</i> , 2014, 932, 621-626.	1.5	1
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466	Dalitz plot analysis of $B \rightarrow D^* K$ decays. <i>Physical Review Letters</i> , 2014, 112, .	4.7	10
467	Test of Lepton Universality Using $B \rightarrow D^* K$ Decays. <i>Physical Review Letters</i> , 2014, 113, 151601.	7.8	845
468	Precision Measurement of the Mass and Lifetime of the $\Lambda_b^0$ Baryon. <i>Physical Review Letters</i> , 2014, 113, 242002.	7.8	39



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488	Study of $J/\psi$ 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
489	Search for a Dark Photon in $e^+e^- \rightarrow B\bar{B}$ decays. Physical Review Letters, 2014, 113, 201801.	4.1	13
490	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ branching fraction and CP violation. Journal of High Energy Physics, 2014, 2014, 1.	4.1	13
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492	Measurement of the CP violating phase $\arg(V_{cb} V_{cs}^*)$ in $B \rightarrow K^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	2.5	114
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495	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
496	Measurements of the B <sup>+</sup> , B <sup>0</sup> , B <sub>s</sub> <sup>0</sup> meson and $\Lambda_b^0$ baryon lifetimes. Journal of High Energy Physics, 2014, 2014, .	4.7	26
497	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow K^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	13
498	Angular analysis of charged and neutral $B \rightarrow K^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	26
499	Evidence for the decay $B_c^+ \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ . Journal of High Energy Physics, 2014, 2014, 1.	4.7	16
500	Differential branching fractions and isospin asymmetries of $B \rightarrow K^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	206
501	Measurement of CP asymmetry in $D^0 \rightarrow K^* K^+ K^-$ and $D^0 \rightarrow K^* \bar{K}^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	52
502	Study of $\Upsilon(4S)$ 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
503	Observation of the $B \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
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506	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
507	Measurement of $\Upsilon$ production in $pp$ collisions at $\sqrt{s} = 2.76 \text{ TeV}$ . European Physical Journal C, 2014, 74, .	3.9	27
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509	Measurement of $\psi(2S)$ polarisation in $pp$ collisions at $\sqrt{s} = 7 \text{ TeV}$ . European Physical Journal C, 2014, 74, 2872.	3.9	53
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512	Search for CP violation in the decay $D \rightarrow \mu^+ \mu^- \nu$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	4.1	19
513	Search for lepton-number violating $B \rightarrow \mu^+ \mu^- \nu \bar{\nu}$ decays. Physical Review D, 2014, 89, .	4.7	25
514	Observation of the Resonant Character of the $Z \rightarrow \mu^+ \mu^-$ Transition. Physical Review Letters, 2014, 113, 101801.	7.8	325
515	Observation of Photon Polarization in the $Z \rightarrow \mu^+ \mu^-$ Transition. Physical Review Letters, 2014, 113, 101801.	7.8	46
516	Precision measurement of the ratio of the $B \rightarrow \mu^+ \mu^-$ to $B \rightarrow e^+ e^-$ branching fractions. Physical Review Letters, 2014, 113, 101801.	4.1	50
517	Precision luminosity measurements at LHCb. Journal of Instrumentation, 2014, 9, P12005-P12005.	1.2	110
518	Search for the doubly charmed baryon $\Xi_{cc}^{++}$ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	50
519	The BB detector: Upgrades, operation and performance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 729, Time-Integrated luminosity recorded by the BABAR detector at the PEP-II collider.	1.6	148
520	Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$ . Physical Review D, 2013, 87, .	4.7	10
521	Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$ [Phys. Rev. D 87, 031102(R) (2013)]. Physical Review D, 2013, 87, .	4.7	10
522	Branching fraction measurement of $B \rightarrow \mu^+ \mu^- \nu \bar{\nu}$ decays. Physical Review D, 2013, 87, .	4.7	15

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526	Study of $B \rightarrow \pi^0 K^{\pm} K^{\mp}$ decays. Physical Review D, 2013, 87, . $B \rightarrow \pi^0 K^{\pm} K^{\mp}$	4.7	122
527	Search for CP violation in $B \rightarrow \pi^0 K^{\pm} K^{\mp}$ decays. Physical Review D, 2013, 87, . $B \rightarrow \pi^0 K^{\pm} K^{\mp}$	4.7	17
528	Search for CP violation in $B \rightarrow \pi^0 K^{\pm} K^{\mp}$ decays. Physical Review D, 2013, 87, . $B \rightarrow \pi^0 K^{\pm} K^{\mp}$	4.7	113
529	Search for CP violation in $B \rightarrow \pi^0 K^{\pm} K^{\mp}$ decays. Physical Review D, 2013, 87, . $B \rightarrow \pi^0 K^{\pm} K^{\mp}$	7.8	24
530	Measurement of the $B \rightarrow \pi^0 K^{\pm} K^{\mp}$ decays. Physical Review D, 2013, 87, . $B \rightarrow \pi^0 K^{\pm} K^{\mp}$	7.8	33
531	Precision measurement of the $B \rightarrow \pi^0 K^{\pm} K^{\mp}$ decays. Physical Review D, 2013, 87, . $B \rightarrow \pi^0 K^{\pm} K^{\mp}$	4.7	74
532	Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$ . Physical Review D, 2013, 88, . $D \rightarrow \mu^+ \mu^-$	4.7	42
533	Search for CP violation in the decays $D \rightarrow \pi^0 K^{\pm} K^{\mp}$ , $D_s \rightarrow \pi^0 K^{\pm} K^{\mp}$ , and $D_s \rightarrow \pi^0 K^{\pm} K^{\mp}$ . Physical Review D, 2013, 87, . $D \rightarrow \pi^0 K^{\pm} K^{\mp}$	4.7	63
534	Measurement of the $B \rightarrow \pi^0 K^{\pm} K^{\mp}$ decays. Physical Review D, 2013, 87, . $B \rightarrow \pi^0 K^{\pm} K^{\mp}$	4.7	41
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537	Measurement of the $B \rightarrow \pi^0 K^{\pm} K^{\mp}$ decays. Physical Review D, 2013, 88, . $B \rightarrow \pi^0 K^{\pm} K^{\mp}$	4.7	9
538	Search for a light Higgs boson decaying to two gluons or $B \rightarrow \pi^0 K^{\pm} K^{\mp}$ . Physical Review D, 2013, 88, . $B \rightarrow \pi^0 K^{\pm} K^{\mp}$	4.7	9
539	Search for CP violation in the decays $D \rightarrow \pi^0 K^{\pm} K^{\mp}$ , $D_s \rightarrow \pi^0 K^{\pm} K^{\mp}$ , and $D_s \rightarrow \pi^0 K^{\pm} K^{\mp}$ . Physical Review D, 2013, 87, . $D \rightarrow \pi^0 K^{\pm} K^{\mp}$	4.7	41
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542	Study of the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ and its intermediate states. Physical Review D, 2013, 87, .	4.7	5
543	Search for the rare decays $B^0 \rightarrow \pi^+ \pi^- \pi^0$ , $B^0 \rightarrow \pi^+ \pi^- \pi^0$ and $B^0 \rightarrow \pi^+ \pi^- \pi^0$ . Physical Review D, 2013, 88, .	4.7	9
544	Measurement of $D^0$ mixing and CP violation in two-body $D^0$ decays. Physical Review D, 2013, 87, .	4.7	34
545	Evidence of $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays with hadronic B tags. Physical Review D, 2013, 88, . Measurement of $C$ -violating asymmetries in $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays	4.7	72
546	Measurement of $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays with hadronic B tags. Physical Review D, 2013, 88, .	4.7	13
547	The SuperB muon detector, status and perspectives. , 2012, , . Precise measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays		0
548	Precise measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays		







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596	Evidence for the $h_b(1P)$ meson in the decay $\Upsilon(3S) \rightarrow \Upsilon(0h_b(1P))$ . Physical Review D, 2011, 84, .	4.7	28
597	Study of $B \rightarrow \Upsilon(3S) \Upsilon(0h_b(1P))$ and determination of $ V_{cb} $ . Physical Review D, 2011, 83, .	4.7	92
598	FastSim: A Fast Simulation for the SuperB Detector. Journal of Physics: Conference Series, 2011, 331, 032038.	0.4	2
599	Search for Production of Invisible Final States in Single-Photon Decays of $B \rightarrow \gamma \nu \bar{\nu}$ . Physical Review D, 2011, 83, .	7.8	49
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688	Search for the rare leptonic decays $B \rightarrow \pi^0 \mu^+ \mu^-$ . Physical Review D, 2009, 79, .	4.7	16
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792	Observation of $B^0 \rightarrow K^+ K^-$ and Evidence for $B^0 \rightarrow K^+ K^-$ . Physical Review Letters, 2007, 98, 051802.	7.8	7

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