

Ricardo Vazquez Gomez

List of Publications by Year in descending order

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Version: 2024-02-01

429
papers

21,589
citations

11608

70
h-index

14702

127
g-index

436
all docs

436
docs citations

436
times ranked

8752
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the branching fractions of the decays $D^+ \rightarrow K^+ K^+ K^+$, $D^+ \rightarrow \bar{K}^0 K^+ K^+$ and $D^+ \rightarrow \pi^+ K^+ K^+$. Journal of High Energy Physics, 2019, 2019, .	1.6	6
2	Study of the $B^0 \rightarrow \bar{K}^{*0} K^0$ decay with an amplitude analysis of $B^0 \rightarrow \bar{K}^{*0} (K^+ \bar{K}^-)$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
3	Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow \bar{K}^{*0} \pi^0(2S)$ and $B^0 \rightarrow \bar{K}^{*0} \pi^0$. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
4	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^+ K^+$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
5	Precision measurement of the $B^0 \rightarrow \bar{K}^{*0} K^0$ decay with an amplitude analysis of $B^0 \rightarrow \bar{K}^{*0} (K^+ \bar{K}^-)$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	20
6	Amplitude analysis of $B^0 \rightarrow \bar{K}^{*0} K^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
7	First Observation of the Radiative Decay $B^0 \rightarrow \bar{K}^{*0} \gamma$. Physical Review Letters, 2019, 123, 031801.	2.9	19
8	Measurement of the branching fraction and CP asymmetry in $B^+ \rightarrow \pi^+ \rho^0$ decays. European Physical Journal C, 2019, 79, 1.	1.4	3
9	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2019, 122, 231802.	2.9	55
10	Near-threshold D^0 spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	1.6	29
11	LHCb Collaboration. Nuclear Physics A, 2019, 982, 1040-1050.	0.6	0
12	Amplitude analysis of the $B^0 \rightarrow \bar{K}^{*0} K^0$ decays and measurement of the branching fraction of the $B^0 \rightarrow \bar{K}^{*0} K^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
13	Measurement of $B^0 \rightarrow \bar{K}^{*0} K^0$ hadron fractions in 13.6 TeV collisions. Physical Review D, 2019, 100, 071101.	1.6	51
14	Measurement of the relative $B^0 \rightarrow \bar{K}^{*0} D^0$ branching fractions using B^0 mesons from $B^0 \rightarrow D^0 \pi^0$ decays. Physical Review D, 2019, 99, .	1.6	3
15	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
16	Search for the rare decay $B^+ \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. European Physical Journal C, 2019, 79, 1.	1.4	11
17	Selection and processing of calibration samples to measure the particle identification performance of the LHCb experiment in Run 2. EPJ Techniques and Instrumentation, 2019, 6, .	0.5	73
18	Measurement of the CP-violating phase ϕ_1 from $B^0 \rightarrow \bar{K}^{*0} K^0$ decays. Physics Letters, Sec	1.5	6

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19	Measurement of the Charm-Mixing Parameter γ_{CP} . Physical Review Letters, 2019, 122, 011802.	2.9	15
20	Search for CP Violation in $D_s \rightarrow \pi^+ K_S^0 \ell^+ \nu$, $D \rightarrow \pi^+ K_S^0 K^+ \nu$, and $D \rightarrow \pi^+ \rho^+ \ell^+ \nu$ Decays. Physical Review Letters, 2019, 122, 191803.	2.9	9
21	Measurement of $\sin 2\beta$. Physical Review Letters, 2019, 122, 191803.	2.9	9
22	Measurement of $\sin 2\beta$. Physical Review Letters, 2019, 122, 191803.	1.6	17
23	Observation of a Narrow Pentaquark State. Physical Review Letters, 2019, 122, 232001.	2.9	157
24	Observation of an Excited Pentaquark State. Physical Review Letters, 2019, 122, 232001.	2.9	157
25	Search for Lepton-Universality Violation in $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 191801.	2.9	355
26	Observation of the doubly Cabibbo-suppressed decay $\tilde{\chi}^+ \rightarrow \pi^+ \rho^0 \pi^+$. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
27	Model-Independent Observation of Exotic Contributions to $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 152002.	2.9	24
28	Search for CP violation through an amplitude analysis of $D^0 \rightarrow \pi^+ K^+ K^0 \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
29	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. Physical Review Letters, 2019, 122, 132002.	2.9	48
30	Measurement of the mass and production rate of $\tilde{\chi}^+ \rightarrow \pi^+ \rho^0 \pi^+$. Physical Review D, 2019, 99, 014001.	1.6	18
31	Prompt $b \rightarrow c$ production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
32	Measurement of $\sin 2\beta$. Physical Review Letters, 2019, 122, 191803.	2.9	10
33	Observation of Two Resonances in the $B \rightarrow K^* \ell^+ \ell^-$ Decay. Physical Review Letters, 2019, 122, 152002.	2.9	48
34	Systems and Precise Measurement of $\tilde{\chi}^+ \rightarrow \pi^+ \rho^0 \pi^+$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
35	Search for excited B_c^+ states. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
36	Search for Dark Photons Produced in 13.6 TeV $p\bar{p}$ Collisions. Physical Review Letters, 2018, 120, 061801.	2.9	113

#	ARTICLE	IF	CITATIONS
37	First observation of forward $Z\hat{+}^{\prime}bb\hat{-}$ production in pp collisions at $s=8\hat{A}TeV$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 430-439.	1.5	2
38	Measurement of CP observables in $B\hat{+}\hat{+}^{\prime}D(\hat{+}\hat{-})K\hat{+}\hat{-}$ and $B\hat{+}\hat{+}^{\prime}D(\hat{+}\hat{-})\hat{-}\hat{-}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 16-30.	1.3	15
39	A measurement of the CP asymmetry difference between $\hat{+}\hat{-}$ and $\hat{-}\hat{-}$ decays. Journal of High Energy Physics, 2018, 2018, .	1.8	14
40	Measurement of CP asymmetry in $B0\hat{-}\hat{-}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
41	Search for the lepton-flavour violating decays $B0(\hat{-})\hat{-}\hat{-}$. Journal of High Energy Physics, 2018, 2018, 1.	1.8	21
42	First measurement of the CP-violating phase $\phi_{s^{\prime}}^{\overline{d}}$ in $B0\hat{-}\hat{-}(K\hat{+}\hat{-})(K\hat{-}\hat{-})$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.8	11
43	Test of lepton flavor universality by the measurement of the $\frac{R_{D^*}^{\tau}}{R_{D^*}^{\mu}}$ ratio. Physical Review Letters, 2018, 120, 171802.	1.6	189
44	Measurement of the Ratio of the $\frac{R_{D^*}^{\tau}}{R_{D^*}^{\mu}}$ and $\frac{R_{D^*}^{\tau}}{R_{D^*}^{\mu}}$ and $\frac{R_{D^*}^{\tau}}{R_{D^*}^{\mu}}$. Physical Review Letters, 2018, 120, 171802.	1.9	204
45	Measurement of the Ratio of the $\frac{R_{D^*}^{\tau}}{R_{D^*}^{\mu}}$ and $\frac{R_{D^*}^{\tau}}{R_{D^*}^{\mu}}$. Physical Review Letters, 2018, 120, 171802.		

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55	Measurement of Antiproton Production in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	2.9	41
56	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
57	Measurement of $\bar{\Lambda}^0$ production in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
58	Measurement of forward top pair production in the dilepton channel in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
59	Observation of the decay $\bar{\Lambda}^0 \rightarrow \bar{\Lambda}^0 \chi_{c2}^+ \chi_{c1}^-$ in the $\bar{\Lambda}^0$ mass region. Journal of High Energy Physics, 2018, 2018, 1.	1.6	1
60	Search for a dimuon resonance in the $\bar{\Lambda}^0$ mass region. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
61	Studies of the resonance structure in $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^- \pi^0$ decays. European Physical Journal C, 2018, 78, 443.	1.4	28
62	Angular moments of the decay $\bar{\Lambda}^0 \rightarrow \bar{\Lambda}^0 \pi^+ \pi^-$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
63	Measurement of $Z \rightarrow \bar{\Lambda}^0, \Lambda^0, \bar{\Lambda}^0$ production in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
64	First Observation of the Doubly Charmed Baryon Decay $\Lambda_{cc}^+ \rightarrow \Lambda^0 c^+ \bar{c}^0$. Journal of High Energy Physics, 2018, 2018, 1.	2.9	122
65	Measurement of the CKM angle $\bar{\Lambda}^0$ using $B_{\pm}^0 \rightarrow D K_{\pm}^{\ast} \Lambda^0$ with $D \rightarrow K^{\ast} \pi^0, K^{\ast} \pi^{\pm} \pi^{\mp}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	14
66	Measurement of $D_{\pm}^{\ast} s$ production asymmetry in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
67	Measurement of Angular and C, P Asymmetries in $D^0 \rightarrow D^0 \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	2.9	13
68	Measurement of the Λ_{cc}^+ Baryon Lifetime. Physical Review Letters, 2018, 121, 092003.	2.9	23
69	Evidence for the decay $B_{\pm}^0 \rightarrow \bar{K}^{\ast 0} \mu^+ \mu^-$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
70	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
71	Observation of the decay $\bar{\Lambda}^0 \rightarrow \bar{\Lambda}^0 \pi^0 (2S) \pi^{\pm}$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
72	Measurement of the CP asymmetry in $B_{\pm}^0 \rightarrow D_{\pm}^0 s$ and $B_{\pm}^0 \rightarrow D_{\pm}^0 D^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	2

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73	Search for CP violation using triple product asymmetries in $\hat{B}^0 \rightarrow \hat{K}^0 \pi^+ \pi^-$, $\hat{B}^0 \rightarrow \hat{K}^0 \pi^+ \pi^0$ and $\hat{B}^0 \rightarrow \hat{K}^0 \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
74	Search for the rare decay $\hat{B}^0 \rightarrow \hat{K}^0 \pi^+ \pi^-$. Physical Review D, 2018, 97, .	1.6	17
75	Search for weakly decaying $\hat{B}^0 \rightarrow \hat{K}^0 \pi^+ \pi^-$ -flavored pentaquarks. Physical Review D, 2018, 97, .	1.6	7
76	First observation of $B \rightarrow K^* \pi^+ \pi^-$ decays and a search for $B \rightarrow K^* \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.8	11
77	Measurements of the branching fractions of $\hat{B}^0 \rightarrow \hat{K}^0 \pi^+ \pi^-$, $\hat{B}^0 \rightarrow \hat{K}^0 \pi^+ \pi^0$, and $\hat{B}^0 \rightarrow \hat{K}^0 \pi^+ \pi^-$. Journal of High Energy Physics, 2018, 2018, .	1.6	10
78	Measurement of CP violation in $B^0 \rightarrow D^+ \pi^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
79	Amplitude Analysis of the Decay $B^0 \rightarrow K^* \pi^+ \pi^-$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K^* \pi^+ \pi^-$. Physical Review Letters, 2018, 120, 261801.	2.9	14
80	Search for B_c^+ decays to two charm mesons. Nuclear Physics B, 2018, 930, 563-582.	0.9	8
81	Measurement of the Lifetime of the Doubly Charmed Baryon $\hat{\Sigma}_{cc}^{++}$. Physical Review Letters, 2018, 121, 052002.	2.9	76
82	Measurement of branching fractions of charmless four-body $\hat{B}^0 \rightarrow b \bar{0}$ and $\hat{B}^0 \rightarrow \bar{b} 0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
83	Observation of the decay $\hat{B}^0 \rightarrow \hat{K}^0 \pi^+ \pi^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 101-111.	1.5	8
84	Observation of a New $\hat{B}^0 \rightarrow \hat{K}^0 \pi^+ \pi^-$ Resonance. Physical Review Letters, 2018, 121, 072002.	2.9	27
85	Evidence for the Rare Decay $\hat{B}^0 \rightarrow \hat{K}^0 \pi^+ \pi^-$. Physical Review Letters, 2018, 120, 221802.	2.9	24
86	Search for the CP-violating strong decays $\hat{B}^0 \rightarrow \hat{K}^0 \pi^+ \pi^-$ and $\hat{B}^0 \rightarrow \hat{K}^0 \pi^+ \pi^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 233-240.	1.5	7
87	Search for the suppressed decays $B \rightarrow K^* K^+ \pi^-$ and $B \rightarrow K^* \pi^+ \pi^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	1.5	9
88	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	6.5	64
89	Amplitude analysis of $B \rightarrow K^* \pi^+ \pi^-$. Physical Review Letters, 2018, 121, 072002.	1.6	92
90	Observation of $B \rightarrow K^* \pi^+ \pi^-$ Structures Consistent with Exotic States from Amplitude Analysis of $B \rightarrow K^* \pi^+ \pi^-$. Physical Review Letters, 2018, 121, 072002.	2.9	150

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91	Observation of the Annihilation Decay Mode $B^0 \rightarrow K^0 \pi^+ \pi^-$. Physical Review Letters, 2017, 118, 081801.	2.9	25
92	First Experimental Study of Photon Polarization in Radiative B_s^0 Decays. Physical Review Letters, 2017, 118, 021801.	2.9	20
93	Observation of the decay $B^0 \rightarrow K^0 \pi^+ \pi^-$. Physical Review Letters, 2017, 118, 081801.	1.5	7
94	Measurement of the phase difference between short- and long-distance amplitudes in the $B^0 \rightarrow K^0 \pi^+ \pi^-$ decay. European Physical Journal C, 2017, 77, 161.	1.6	21
95	Measurement of the phase difference between short- and long-distance amplitudes in the $B^0 \rightarrow K^0 \pi^+ \pi^-$ decay. European Physical Journal C, 2017, 77, 161.	2.9	52
96	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	1.4	51
97	Observation of $B^0 \rightarrow K^0 \pi^+ \pi^-$ and $B^0 \rightarrow K^0 \pi^+ \pi^-$. European Physical Journal C, 2017, 77, 72.	1.4	7
98	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.	1.5	17
99	Observation of the Decay $B^0 \rightarrow K^0 \pi^+ \pi^-$. Physical Review Letters, 2017, 118, 071801.	2.9	9
100	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.	1.6	45
101	Prompt and nonprompt J/ψ production and nuclear modification in pPb collisions at $\sqrt{s_{NN}} = 5.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 159-178.	1.6	79
102	Observation of charmless baryonic decays $B^0 \rightarrow K^0 \pi^+ \pi^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 159-178.	1.5	37
103	Study of charmonium production in $B^0 \rightarrow K^0 \pi^+ \pi^-$ decays. European Physical Journal C, 2017, 77, 609.	1.4	17
104	Improved limit on the branching fraction of the rare decay $B^0 \rightarrow K^0 \pi^+ \pi^-$. European Physical Journal C, 2017, 77, 678.	1.4	17
105	Observation of $B_c \rightarrow D^{(*)} K^{(*)}$ decays. Physical Review D, 2017, 95, .	1.6	12
106	Measurements of charm mixing and violation using $B^0 \rightarrow K^0 \pi^+ \pi^-$ decays. Physical Review D, 2017, 95, .	1.6	11
107	Measurements of charm mixing and violation using $B^0 \rightarrow K^0 \pi^+ \pi^-$ decays. Physical Review D, 2017, 95, .	1.6	11

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109	Measurement of the $B_{\pm}^0 \rightarrow \mu^{\pm} \nu_{\mu} K_{\pm}^*$ production asymmetry and the CP asymmetry in $B_{\pm}^0 \rightarrow \mu^{\pm} \nu_{\mu} K_{\pm}^*$ decays. Physical Review D, 2017, 95, .	1.6	6
110	Observation of the decay $B^0 \rightarrow \mu^+ \mu^- K^+ K^-$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	1.6	11
111	Measurement of $B \rightarrow D^* \mu^+ \mu^-$ and $B \rightarrow D^* \mu^+ \mu^-$ decays. Physical Review Letters, 2017, 118, 111803.	2.9	15
112	Observation of the Doubly-Charmed Baryon Λ_{cc}^{++} . Physical Review Letters, 2017, 119, 112001.	2.9	417
113	Measurement of the CP Violation Parameter A_{FB}^0 in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^-$ Decays. Physical Review Letters, 2017, 118, 261803.	2.9	20
114	Observation of $B \rightarrow D^* \mu^+ \mu^-$ decays. Physical Review Letters, 2017, 118, 111803.	2.9	25
115	States Decaying to $B \rightarrow D^* \mu^+ \mu^-$. Physical Review Letters, 2017, 118, 111803.	2.9	234
116	Measurement of CP asymmetries in $D^0 \rightarrow \mu^+ \mu^- K^+ K^-$ and $D_s^0 \rightarrow \mu^+ \mu^- K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	1.5	8
117	Measurement of CP asymmetries in $D^0 \rightarrow \mu^+ \mu^- K^+ K^-$ and $D_s^0 \rightarrow \mu^+ \mu^- K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	1.5	18
118	Observation of the $B^0 \rightarrow \mu^+ \mu^- K^+ K^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	17
119	Branching Fraction and Effective Lifetime and Search for $B \rightarrow D^* \mu^+ \mu^-$. Physical Review Letters, 2017, 118, 111803.	2.9	220
120	Study of $B \rightarrow D^* \mu^+ \mu^-$ Production in Jets. Physical Review Letters, 2017, 118, 192001.	2.9	39
121	Observation of the Decays $B^0 \rightarrow \mu^+ \mu^- K^+ K^-$ and $B^0 \rightarrow \mu^+ \mu^- K^+ K^-$. Physical Review Letters, 2017, 119, 062001.	2.9	28
122	Observation of the $B^0 \rightarrow \mu^+ \mu^- K^+ K^-$ decay. Physical Review D, 2017, 96, .	1.6	4
123	Search for the Decays $B \rightarrow D^* \mu^+ \mu^-$ and $B \rightarrow D^* \mu^+ \mu^-$. Physical Review Letters, 2017, 118, 251802.	2.9	81
124	Measurement of the shape of the $B^0 \rightarrow \mu^+ \mu^- K^+ K^-$ differential decay rate. Physical Review D, 2017, 96, .	1.6	29
125	Observation of the suppressed decay $B^0 \rightarrow \mu^+ \mu^- K^+ K^-$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
126	Test of lepton universality with $B^0 \rightarrow K^* \mu^+ \mu^-$ and $B^0 \rightarrow K^* \tau^+ \tau^-$ decays. Journal of High Energy Physics, 2017, 2017, 1.	1.6	425

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127	Γ_{c1} and Γ_{c2} Resonance Parameters with the Decays $\bar{D}^*_{c1} \rightarrow \bar{D}^*_{c1} J/\psi \rightarrow \bar{D}^*_{c1} \psi(4S)$. Physical Review Letters, 2017, 119, 221801.	2.9	18
128	Observation of $D^0 \rightarrow D^0 \pi^+ \pi^-$ Meson Decays to $D^0 \pi^+ \pi^-$ and $D^0 \pi^+ \pi^-$. Physical Review Letters, 2017, 119, 181805.	2.9	21
129	LHCb Collaboration. Nuclear Physics A, 2017, 967, 987-993.	0.6	1
130	Search for Baryon-Number Violating $B^0 \rightarrow B^0 \pi^+ \pi^-$ Oscillations. Physical Review Letters, 2017, 119, 181807.	2.9	6
131	New algorithms for identifying the flavour of B^0 mesons using pions and protons. European Physical Journal C, 2017, 77, 238.	1.4	11
132	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 5$ TeV. Journal of High Energy Physics, 2017, 2017, .	1.6	35
133	Search for CP violation in the phase space of $D^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 345-356.	1.5	10
134	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow p \bar{p}$. Physical Review Letters, 2017, 119, 232001.	2.9	15
135	Resonances and CP violation in $B \rightarrow \psi(4S) K^+ K^-$ decays in the mass region above the $\bar{\Lambda}(1020)$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	19
136	Study of $\overline{b}b$ correlations in high energy proton-proton collisions. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
137	Measurement of CP observables in $B^{\pm} \rightarrow DK^* \pi^{\pm}$ decays using two- and four-body D final states. Journal of High Energy Physics, 2017, 2017, 1.	1.6	7
138	Measurement of $B^0 \rightarrow B^0 \pi^+ \pi^-$ B^+ and $B^0 \rightarrow \bar{B}^0 \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 139-158.	1.5	13
139	Measurement of CP violation in $B^0 \rightarrow \bar{K}^0 K^0$ and $B^0 \rightarrow \bar{K}^0 \bar{K}^0(2S)$ decays. Journal of High Energy Physics, 2017, 2017, .	1.6	9
140	First Observation of a Baryonic $B^0 \rightarrow B^0 \pi^+ \pi^-$ Decay. Physical Review Letters, 2017, 119, 041802.	2.9	14
141	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	1.4	41
142	Updated branching fraction measurements of $B^0 \rightarrow \bar{K}^0 K^0 \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2017, 2017, .	1.6	6
143	Observation of the decay $B \rightarrow \bar{c} \pi^+ \pi^-$ and evidence for $B \rightarrow \bar{c} \pi^+ \pi^-$. Journal of High Energy Physics, 2017, 2017, .	1.6	6
144	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9

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145	Measurement of the B_{\pm}^0 production cross-section in pp collisions at $\sqrt{s} = 7$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, .	1.6	17
146	Measurement of the $\Upsilon(nS)$ polarizations in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
147	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B \rightarrow \pi^+ \pi^0$ and $B \rightarrow \pi^+ \pi^+ K^-$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
148	Measurement of the front-end dead-time of the LHCb muon detector and evaluation of its contribution to the muon detection inefficiency. Journal of Instrumentation, 2016, 11, P04010-P04010.	0.5	2
149	A precise measurement of the B^0 meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.4	21
150	Observations of $\bar{b} \rightarrow b \bar{c} + \bar{c} + \bar{c} + \bar{c}$ and $\bar{b} \rightarrow b \bar{c} + \bar{c} + K^+ + K^-$ decays and searches for other $\bar{b} \rightarrow b$ and $\bar{b} \rightarrow b$ decays to \bar{c} final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
151	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	16
152	Observation of $\bar{b} \rightarrow b \bar{c} + \bar{c} + \bar{c} + \bar{c}$ (2S) $\rho^+ K^+$ and $\bar{b} \rightarrow b \bar{c} + \bar{c} + \bar{c} + \bar{c}$ decays and a measurement of the $\bar{b} \rightarrow b$ baryon number. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
153	Measurement of the properties of the $\bar{\Lambda}_b^0$ baryon. Journal of High Energy Physics, 2016, 2016, .	1.6	21
154	Production of associated Υ and open charm hadrons in pp collisions at $\sqrt{s} = 7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	1.6	37
155	Measurement of the CKM angle $\hat{\beta}$ using $B^0 \rightarrow D^+ K^-$ with $D^+ \rightarrow K^+ \pi^0$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	8
156	Measurement of the ratio of branching fractions $\hat{a}_{\perp} B_c \rightarrow \hat{a}_{\perp} J / \hat{a}_{\perp} K + / \hat{a}_{\perp} B_c \rightarrow \hat{a}_{\perp} J$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
157	Measurement of forward $W \rightarrow e^{1/2}$ production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
158	Measurement of the CKM angle $\hat{\beta}$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
159	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ and $B^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ decays and the $B^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	1.6	75
160	Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	1.5	77
161	A new algorithm for identifying the flavour of B^0 mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	0.5	12
162	Amplitude analysis of $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review D, 2016, 94, .	1.6	72

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163	Study of B_c^+ decays to the $K^+K^*\bar{D}^+$ final state and evidence for the decay $B_c^+\rightarrow\bar{D}^+K^+K^*$. Physical Review D, 2016, 94, .	1.6	20
164	Measurement of the $C\rightarrow P$ Violation in $B\rightarrow O$ Decays. Physical Review Letters, 2016, 117, 261801.	2.9	12
165	Measurement of the $B\rightarrow S$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 484-492.	1.5	6
166	Search for the lepton-flavour violating decay $D_0\rightarrow\tau^+\mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	1.5	20
167	Model-independent measurement of the CKM angle $\hat{\Gamma}^3$ using $B_0\rightarrow D\bar{K}^+K^-\pi^0$ decays with $D\rightarrow K^+K^-\pi^0$ and $K_S^0\rightarrow K^+K^-$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	9
168	First study of the CP-violating phase and decay-width difference in $B\rightarrow S$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 484-492.	1.5	17
169	Measurements of long-range near-side angular correlations in proton-lead collisions in the forward region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 473-482.	1.5	9
170	Search for B_c^+ decays to the $p\bar{p}^+K^+\bar{D}^+$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	1.5	12
171	Observation of the $B\rightarrow\bar{D}^+K^+K^*$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	1.5	14
172	Searches for exotica at LHCb. Nuclear and Particle Physics Proceedings, 2016, 273-275, 672-677.	0.2	0
173	Measurement of CP observables in $B\hat{A}\rightarrow\bar{D}K\hat{A}$ and $B\hat{A}\rightarrow\bar{D}^i\hat{A}$ with two- and four-body D decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	1.5	20
174	Measurement of the $C\rightarrow P$ Asymmetry in $B\rightarrow S$ Mixing. Physical Review D, 2016, 93, .	2.9	22
175	Measurement of the $B\rightarrow S$ Contributions Evidence for Exotic Hadron Contributions to $B\rightarrow S$ Mixing. Physical Review D, 2016, 93, .	2.9	102
176	Measurement of the $B\rightarrow S$ Oscillations in $B\rightarrow S$ Decays. Physical Review D, 2016, 93, .	2.9	110
177	Measurement of the mass and lifetime of the B_c^+ baryon. Physical Review D, 2016, 93, .	1.6	20
178	Measurement of the mass and lifetime of the B_c^+ baryon. Physical Review D, 2016, 93, .	1.6	13
179	Measurement of the $B\rightarrow S$ Oscillations in $B\rightarrow S$ Decays. Physical Review D, 2016, 93, .	2.9	27
180	First observation of the rare $B\rightarrow\bar{D}^+K^+\bar{D}^+$ decay. Physical Review D, 2016, 93, .	1.6	5

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181	Measurement of the $B_s^0 \rightarrow D_s^{(*)} + D_s^{(*)} \bar{\nu}$ branching fractions. Physical Review D, 2016, 93, .	1.6	5
182	Constraints on the unitarity triangle angle α_1 from Dalitz plot analysis of $B \rightarrow D \bar{K}^0$ decays. Physical Review Letters, 2016, 116, 161802.	1.6	13
183	Observation of $B_s^0 \rightarrow D^0 K^0$ and Evidence for $B_s^0 \rightarrow D^0 K^0$ Decays. Physical Review Letters, 2016, 116, 161802.	2.9	6
184	Measurement of the Difference of Time-Integrated Asymmetries in $B \rightarrow D \bar{K}^0$ Decays. Physical Review Letters, 2016, 116, 161802.	2.9	42
185	Search for Structure in the $B \rightarrow D \bar{K}^0$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	2.9	31
186	Differential branching fraction and angular moments analysis of the decay $B \rightarrow D^0 K^+ \bar{K}^0$ in the $K^0, 2^0$ region. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
187	Study of $D \rightarrow K^0 K^+ K^0$ mesons decaying to $D^0 K^+ K^0$ and $D^0 K^+ K^0$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
188	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, .	1.6	59
189	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.	1.6	14
190	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^0 K^0$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	13
191	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	100
192	First observation of the decay $B \rightarrow D^0 K^0 K^0$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1.	1.6	5
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196	Study of CP violation in $B \rightarrow D^0 K^0$ decays with the modes $D^0 \rightarrow K^0 K^0$ and $D^0 \rightarrow K^0 K^0$. Physical Review D, 2015, 91, .	1.6	14
197	Study of $B \rightarrow D^0 K^0$ decays. Physical Review D, 2015, 92, .	1.6	6

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200	Evidence for the Strangeness-Changing Weak Decay $\tilde{Z} \rightarrow b \bar{c} a^0$	2.9	25
201	Amplitude analysis of the $B \rightarrow D^0 \bar{c} s$ decay	1.6	50
202	Quantum numbers of the $X(3872)$	1.6	69
203	Amplitude analysis of $B \rightarrow D^0 \bar{c} s$	1.6	30
204	Dalitz plot analysis of $B \rightarrow D^0 \bar{c} s$	1.6	80
205	Physical Review D, 2015, 92, . Study of $W \rightarrow b \bar{c} s$ boson production in association with beauty and charm. Physical Review D, 2015, 92, .	1.6	22
206	Measurement of the branching fraction ratio $B(B_c \rightarrow \tau^+ \bar{\nu}_\tau (2S) \bar{\nu}_\tau) / B(B_c \rightarrow \tau^+ \bar{\nu}_\tau)$. Physical Review D, 2015, 92, .	1.6	14
207	Search for the rare decays $B \rightarrow \tau^+ \bar{\nu}_\tau$ and $B_s \rightarrow \tau^+ \bar{\nu}_\tau$. Physical Review D, 2015, 92, .	1.6	8
208	Model-independent confirmation of the $Z \rightarrow b \bar{c} s$ violation	1.6	15
209	Measurement of $C \rightarrow P$ Violation in $B \rightarrow D^0 \bar{c} s$	2.9	30
210	Physical Review Letters, 2015, 115, 031601. Observation of the $B_s \rightarrow \tau^+ \bar{\nu}_\tau \bar{\nu}_\tau$ Decay. Physical Review Letters, 2015, 115, 051801.	2.9	9
211	Observation of $J/\psi \rightarrow p \bar{c} s$ Resonances Consistent with Pentaquark States in $B \rightarrow D^0 \bar{c} s$	2.9	816
212	Measurement of the Ratio of Branching Fractions $B \rightarrow D^0 \bar{c} s$		

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218	Search for the $\bar{b} \rightarrow b \gamma$ and $\bar{b} \rightarrow b \gamma^*$ decays with the LHCb detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	156
219	Measurement of the exclusive Υ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	52
220	Measurement of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ branching fraction and search for the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	11
221	Forward production of Υ mesons in pp collisions at $\sqrt{s} = 7$ TeV and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
222	Measurement of the forward-backward asymmetry in $Z \rightarrow \ell^+ \ell^- + \ell^+ \ell^-$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37
223	First observation and measurement of the branching fraction for the decay $B \rightarrow D^* K^{\pm}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	7
224	First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow D^* \ell^+ \ell^-$ decay. Journal of High Energy Physics, 2015, 2015, .	1.6	36
225	Measurement of the time-integrated CP asymmetry in $D \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	13
226	Measurement of CP violation parameters and polarisation fractions in $B \rightarrow D^* J/\psi K^{\pm}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
227	Measurement of forward $Z \rightarrow e^+ e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
228	Differential branching fraction and angular analysis of $\bar{b} \rightarrow b \gamma^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2015, 2015, .	1.6	82
229	Measurement of the time-dependent CP asymmetries in $B \rightarrow D^* K^0$. Journal of High Energy Physics, 2015, 2015, .	1.6	12
230	Search for the decay $B \rightarrow D^* \ell^+ \ell^-$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
231	Measurement of forward J/ψ production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
232	Observation of the decay $B \rightarrow D^* K^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	1.5	13
233	Angular analysis and differential branching fraction of the decay $B \rightarrow D^* \ell^+ \ell^-$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	191
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236	Determination of the branching fractions of $B \rightarrow S O \rightarrow \hat{a}^0 D S \rightarrow \hat{a}^0 K \rightarrow \hat{a}^0$ and $B \rightarrow O \hat{a}^0 \rightarrow \hat{a}^0 D S \rightarrow \hat{a}^0 K \rightarrow \hat{a}^0$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
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238	Observation of the $B_0 \rightarrow \pi^0 \pi^0$ decay from an amplitude analysis of $B_0 \rightarrow \pi^+ (\bar{K}^*0) (\bar{K}^*0)$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	1.5	14
239	Measurement of the lifetime of the charmless two-body decays of beauty mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 1-11.	1.5	29
240	Observation of Two New Resonances. Physical Review Letters, 2015, 114, 062004.	2.9	47
241	Determination of $\hat{1}^3$ and charmless two-body decays of beauty mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 1-11.	1.5	13
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243	Precision Measurement of $B \rightarrow c \bar{c} s$ Asymmetry in $B \rightarrow c \bar{c} s$. Physical Review Letters, 2015, 114, 041801.	2.9	32
244	Violation in $B \rightarrow c \bar{c} s$. Physical Review Letters, 2015, 114, 041801.	2.9	65
245	Measurement of $B \rightarrow c \bar{c} s$ in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2015, 114, 132001.	2.9	61
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247	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	1.4	44
248	Search for CP violation in $B \rightarrow D \bar{K}^*0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.	1.5	20
249	Study of $\hat{1}^3 \rightarrow \hat{1}^3$ mixing from measurement of $B \rightarrow S O \rightarrow \hat{a}^0 \pi^0$ decay rates. Journal of High Energy Physics, 2015, 2015, .	1.6	13
250	Measurement of the $Z+b$ -jet cross-section in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	9
251	Search for the lepton flavour violating decay $\hat{1}^3 \rightarrow \hat{1}^3 + \hat{1}^3$. Journal of High Energy Physics, 2015, 2015, .	1.6	32
252	Precise measurements of the properties of the $B_1(5721)0,+$ and $B_2^*(5747)0,+$ states and observation of $B_+ \rightarrow \pi^+ \pi^0$ mass structures. Journal of High Energy Physics, 2015, 2015, 1.	1.6	21

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254	Observation of the rare $B_s^0 \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. Nature, 2015, 522, 68-72.	13.7	390
255	Identification of beauty and charm quark jets at LHCb. Journal of Instrumentation, 2015, 10, P06013-P06013.	0.5	42
256	Measurement of the $\sigma_{c(1S)}$ production cross-section in proton-proton collisions via		

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271	Observation of Overlapping Spin-1 and Spin-3 χ_{c0} and χ_{c2} States. Physical Review Letters, 2014, 112, 041801.	2.9	80
272	Measurement of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ Form Factors. Physical Review Letters, 2014, 112, 041802.	2.9	17
273	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 112, 041801.	1.6	99
274	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 112, 041801.	2.9	20
275	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 032001.	2.9	36
276	LHCb Collaboration. Nuclear Physics A, 2014, 932, 621-626.	0.6	1
277	Test of Lepton Universality Using $B \rightarrow K^* \ell \bar{\nu}_\ell$ Decays. Physical Review Letters, 2014, 113, 151601.	2.9	845
278	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 242002.	2.9	39
279	Studies of Beauty Baryon Decays to $B_c^+ \ell^+ \bar{\nu}_\ell$ and $B_c^0 \ell^+ \bar{\nu}_\ell$. Physical Review D, 2014, 90, .	1.6	18
280	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	2.9	26
281	Observation of $B^0 \rightarrow D^* \ell^+ \bar{\nu}_\ell$ Decays and Measurement of the $\theta_1(1285)$ Mixing Angle. Physical Review Letters, 2014, 112, 091802.	2.9	24
282	Measurement of the ratio of $B \rightarrow D^* \ell^+ \bar{\nu}_\ell$ Form Factors. Physical Review Letters, 2014, 112, 041802.	1.6	31
283	Studies of Beauty Baryon Decays to $B_c^+ \ell^+ \bar{\nu}_\ell$ and $B_c^0 \ell^+ \bar{\nu}_\ell$. Physical Review D, 2014, 90, .	1.6	31
284	Observation of charmonium pairs produced exclusively in pp collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002.	1.4	14
285	Study of χ_{c0} and χ_{c2} meson production in pp collisions at $\sqrt{s} = 7$ and 8 TeV. European Physical Journal C, 2014, 74, .	1.4	43
286	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21
287	Search for CP violation in $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ and $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
288	First observations of the rare decays $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	9

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289	Measurement of the $\tilde{t} b$ (3P) mass and of the relative rate of $\tilde{t} b$ (1P) and $\tilde{t} b$ (2P) production. Journal of High Energy Physics, 2014, 2014, 1.	1.6	20
290	Measurement of the CKM angle $\hat{\beta}$ using $B \hat{A} \hat{t}^+ DK \hat{A}^\pm$ with $D \hat{a} \hat{e} \hat{a}^+ \hat{a} \hat{e} \hat{K} S O \hat{\Gamma} \hat{e} + \hat{\Gamma} \hat{e} \hat{a}^+, K S O K + K \hat{a}^+$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22
291	Measurement of CP asymmetry in $B s O \hat{a} \hat{e} \hat{a}^+ \hat{a} \hat{e} \hat{D} s \hat{a}^+ K \hat{A}^\pm$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	14
292	Measurement of the forward W boson cross-section in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
293	Study of forward Z + jet production in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
294	Study of J/ψ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5 \text{ TeV}$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	74
295	Measurement of the CP-violating phase $\hat{\beta}$ using $B \hat{A} \hat{t}^+ DK \hat{A}^\pm$ with $D \hat{a} \hat{e} \hat{a}^+ \hat{a} \hat{e} \hat{K} S O \hat{\Gamma} \hat{e} + \hat{\Gamma} \hat{e} \hat{a}^+, K S O K + K \hat{a}^+$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.5	13
296	Measurement of the CP-violating phase $\hat{\beta}$ using $B \hat{A} \hat{t}^+ DK \hat{A}^\pm$ with $D \hat{a} \hat{e} \hat{a}^+ \hat{a} \hat{e} \hat{K} S O \hat{\Gamma} \hat{e} + \hat{\Gamma} \hat{e} \hat{a}^+, K S O K + K \hat{a}^+$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.5	40
297	Searches for Λ_b^0 and Ξ_b^0 decays to $K_{\text{charm}}^0 \pi^0$ and $K_{\text{charm}}^0 \pi^+$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{charm}}^0 \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	0.9	114
298	Searches for Λ_b^0 and Ξ_b^0 decays to $K_{\text{charm}}^0 \pi^0$ and $K_{\text{charm}}^0 \pi^+$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{charm}}^0 \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
299	Measurement of polarization amplitudes and CP asymmetries in $B O \hat{a} \hat{t}^+ \hat{\Gamma} K^*(892)0$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
300	Angular analysis of charged and neutral $B \hat{A} \hat{t}^+ K \hat{A}^{1/2} + \hat{A}^{1/2} \hat{a}^+$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26
301	Evidence for the decay $B_{\text{charm}}^0 \rightarrow \psi(3770) \pi^0$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	16
302	Observation of the $B s O \hat{a} \hat{e} \hat{a}^+ \hat{a} \hat{e} \hat{K} S O K \hat{A}^\pm \hat{\Gamma} \hat{e} \hat{a}^+$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	8
303	Study of the kinematic dependences of $\hat{\Gamma} b O$ production in pp collisions and a measurement of the $\hat{\Gamma} b O \hat{a} \hat{e} \hat{a}^+ \hat{a} \hat{e} \hat{K} S O \hat{\Gamma} \hat{e} \hat{a}^+$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
304	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
305	Measurement of $\psi(2S)$ $\hat{\Gamma} (2S)$ polarisation in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2014, 74, 2872.	1.4	53
306	Measurement of the charge asymmetry in $B \hat{A} \hat{t}^+ DK \hat{A}^\pm$ with $D \hat{a} \hat{e} \hat{a}^+ \hat{a} \hat{e} \hat{K} S O \hat{\Gamma} \hat{e} + \hat{\Gamma} \hat{e} \hat{a}^+, K S O K + K \hat{a}^+$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.5	12

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308	Observation of Photon Polarization in the χ_{c0} \rightarrow χ_{c1} γ Transition. Physical Review Letters, 2014, 112, 161801.	2.9	46
309	Precision luminosity measurements at LHCb. Journal of Instrumentation, 2014, 9, P12005-P12005.	1.5	50
310	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow \bar{D}^0 \pi^0$. Journal of High Energy Physics, 2013, 2013, 1.	0.5	110
311	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	1.6	103
312	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	1.6	65
313	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
314	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
315	Search for $B \rightarrow D^0 \pi^0$ decays with first observation of $B \rightarrow D^0 \pi^0$. Physical Review Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2013, 724, 203-212.	1.5	22
316	Model-independent search for CP violation in $B \rightarrow D^0 \pi^0$ decays with first observation of $B \rightarrow D^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2013, 726, 623-633.	1.5	22
317	Branching fraction and CP asymmetry of the decays $B \rightarrow D^0 \pi^0$ and $B \rightarrow D^0 \pi^+$. Journal of High Energy Physics, 2013, 2013, 1.	1.5	12
318	Study of $B \rightarrow K^0 \pi^0$ decays with first observation of $B \rightarrow K^0 \pi^0$. Journal of High Energy Physics, 2013, 2013, .	1.5	12
319	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	14
320	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
321	First evidence for the two-body charmless baryonic decay $B \rightarrow p \pi^0$. Journal of High Energy Physics, 2013, 2013, .	1.6	10
322	Search for the doubly charmed baryon Ξ_{cc}^{++} . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
323	Observation of the decay $B_c^+ \rightarrow \bar{D}^0 K^0$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	25
324	First observation of the decay $B_s^0 \rightarrow \phi \pi^0$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	9

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325	First Evidence for the Decay $B_c \rightarrow B_s \gamma$. <i>Physical Review Letters</i> , 2013, 110, 021801.	2.9	105
326	First Observation of $B_c \rightarrow B_s \gamma$ Violation in the Decays of B_c . <i>Physical Review Letters</i> , 2013, 110, 221601.	1.6	13
327	Search for the rare decay $K_S^0 \rightarrow \mu^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	0.9	48
328	Measurement of the ratio of branching fractions $\frac{\mathcal{B}(B_c \rightarrow B_s \gamma)}{\mathcal{B}(B_c \rightarrow B_s \mu^+ \mu^-)}$. <i>Physical Review Letters</i> , 2013, 110, 221601.	0.9	228
329	Prompt charm production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Nuclear Physics B</i> , 2013, 871, 1-20.	1.5	17
330	Observation of the suppressed A_{FB}^0 modes $B \rightarrow \mu^+ \mu^- \gamma$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 726, 151-156.	1.5	16
331	Measurement of the CKM angle β from a combination of $B \rightarrow \mu^+ \mu^- \gamma$ analyses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 726, 151-156.	1.5	15
332	Search for direct CP violation in $B \rightarrow D \mu^+ \mu^-$ modes using semileptonic B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 725, 15-24.	1.5	33
333	Search for the rare decay $B \rightarrow D \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 725, 15-24.	0.5	0
334	Search for new physics in heavy quark decays at LHCb. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013, 234, 169-172.	0.9	35
335	Evidence for the decay $B_c \rightarrow B_s \mu^+ \mu^-$ and measurement of $\frac{\mathcal{B}(B_c \rightarrow B_s \mu^+ \mu^-)}{\mathcal{B}(B_c \rightarrow B_s \gamma)}$. <i>Physical Review Letters</i> , 2013, 110, 021801.	0.9	17
336	Observation of $B_c \rightarrow B_s \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2013, 110, 021801.	2.9	65
337	Measurement of the $B_c \rightarrow B_s \mu^+ \mu^-$ production asymmetry in 7 TeV pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 718, 902-909.	0.9	24
338	Measurement of the $B_c \rightarrow B_s \mu^+ \mu^-$ production asymmetry in 7 TeV pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 718, 902-909.	1.5	28

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343	Precision measurement of the $B \rightarrow s$ oscillation frequency with the decay $B \rightarrow s \hat{\tau}^+ D \rightarrow s \hat{\tau}^+$. New Journal of Physics, 2013, 15, 053021.	1.2	59
344	Search for the Lepton-Flavor-Violating Decays $B_s \rightarrow e \hat{\tau}^+ \hat{\tau}^-$ and $B \rightarrow e \hat{\tau}^+ \hat{\tau}^-$. Physical Review Letters, 2013, 111, 141801.	1.6	22
345	Precision Measurement of the $B \rightarrow s$ Lifetime. Physical Review Letters, 2013, 111, 102003.	1.6	74
346	Measurement of $B \rightarrow s$ violation and the decay width difference with $B \rightarrow s$ meson mixing. Physical Review Letters, 2013, 111, 102003.	1.6	74
347	Parameters and Search for $B \rightarrow s$ Mixing. Physical Review Letters, 2013, 111, 102003.	1.6	74
348	First observations of $B \rightarrow D^+ D^-$, $D_s^+ D_s^-$ and $D^0 D^0$ decays. Physical Review D, 2013, 87, .	1.6	22
349	Measurement of the $B \rightarrow s$ Asymmetry in $B \rightarrow s$ decays. Physical Review Letters, 2013, 111, 102003.	2.9	82
350	First measurement of the $B \rightarrow s$ phase. Physical Review Letters, 2013, 111, 102003.	2.9	13
351	Measurement of the $B \rightarrow s$ Violating Phase in $B \rightarrow s$ decays. Physical Review Letters, 2013, 111, 102003.	2.9	19
352	Determination of the $B \rightarrow s$ phase. Physical Review Letters, 2013, 111, 102003.	2.9	19
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354	Analysis of the resonant components in $B \rightarrow s$ decays. Physical Review Letters, 2013, 111, 102003.	1.6	19
355	Observation of the $B \rightarrow s$ phase. Physical Review Letters, 2013, 111, 102003.	2.9	72
356	Search for the decay $B_s \rightarrow D^* \hat{\tau}^+ \hat{\tau}^-$. Physical Review D, 2013, 87, .	1.6	7
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358	Measurement of $B \rightarrow s$ Violation in the Phase Space of $B \rightarrow s$ decays. Physical Review Letters, 2013, 111, 102003.	2.9	101
359	Measurement of $B \rightarrow s$ phase. Physical Review Letters, 2013, 111, 102003.	1.6	32
360	Measurement of Form-Factor-Independent Observables in the Decay $B \rightarrow s$. Physical Review Letters, 2013, 111, 191801.	2.9	49

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362	Study of $B \rightarrow D^* \bar{K}^0$ and $B \rightarrow D^* \bar{K}^0$ decays. Physical Review D, 2013, 87, .	1.6	11
363	Measurement of the $B \rightarrow K^* \bar{D}^* \bar{K}^0$ Asymmetry in $B \rightarrow K^* \bar{D}^* \bar{K}^0$. Physical Review Letters, 2013, 110, 031801.	2.9	22
364	Studies of the decays $B \rightarrow \bar{D}^* \bar{K}^0$ and observation of $B \rightarrow \bar{D}^* \bar{K}^0$ (1520)p. Physical Review D, 2013, 88, .	1.6	12
365	Observation of a Resonance in $B \rightarrow K^* \bar{D}^* \bar{K}^0$ at Low Recoil. Physical Review Letters, 2013, 111, 112003.	2.9	20
366	Amplitude analysis and branching fraction measurement of $B \rightarrow K^* \bar{D}^* \bar{K}^0$. Physical Review Letters, 2013, 110, 151803.	1.6	36
367	First observation of $B \rightarrow K^* \bar{D}^* \bar{K}^0$. Physical Review Letters, 2013, 110, 151803.	2.9	51
368	Measurement of the $B \rightarrow K^* \bar{D}^* \bar{K}^0$ Fraction and Search for $B \rightarrow K^* \bar{D}^* \bar{K}^0$. Physical Review D, 2013, 88, .	1.6	20
369	Search for Rare $B \rightarrow K^* \bar{D}^* \bar{K}^0$. Physical Review D, 2013, 88, .	2.9	258
370	Search for Rare $B \rightarrow K^* \bar{D}^* \bar{K}^0$. Physical Review D, 2013, 88, .	2.9	21
371	First Observation of the Decay $B \rightarrow K^* \bar{D}^* \bar{K}^0$. Physical Review Letters, 2012, 108, 251802.	2.9	62
372	Differential Branching Fraction and Angular Analysis of the Decay $B \rightarrow K^* \bar{D}^* \bar{K}^0$. Physical Review Letters, 2012, 108, 181806.	2.9	50
373	Measurement of the $B \rightarrow K^* \bar{D}^* \bar{K}^0$ Lifetime in the $B \rightarrow K^* \bar{D}^* \bar{K}^0$. Physical Review D, 2013, 88, .		

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381	Measurement of the $C \rightarrow P$ -Violating Phase in the Search for the $\bar{B} \rightarrow \tau^+ \nu_\tau$ Decay. Physical Review Letters, 2012, 108, 101601.	2.9	108
382	Search for the $B \rightarrow X \gamma$ Decay. Physical Review Letters, 2012, 108, 101601.	1.6	65
383	First observation of the decays $B \rightarrow D_s + K^* \bar{\nu}_\tau + \nu_\tau$ and $B \rightarrow D_s + K^* \bar{\nu}_\tau + \nu_\tau$. Physical Review D, 2012, 86, 101601.	1.6	10
384	Measurements of $B \rightarrow D_s + K^* \bar{\nu}_\tau + \nu_\tau$ and $B \rightarrow D_s + K^* \bar{\nu}_\tau + \nu_\tau$. Physical Review D, 2012, 86, 101601.	2.9	75
385	Measurements of $B \rightarrow D_s + K^* \bar{\nu}_\tau + \nu_\tau$ and $B \rightarrow D_s + K^* \bar{\nu}_\tau + \nu_\tau$. Physical Review D, 2012, 86, 101601.	2.9	27
386	Publisher's Note: Evidence for CP Violation in Time-Integrated $D \rightarrow \tau^+ \bar{\nu}_\tau + h$ decay rates [Phys. Rev. Lett. 108, 111602 (2012)]. Physical Review Letters, 2012, 108, .	2.9	6
387	Observation of $B \rightarrow D_s + K^* \bar{\nu}_\tau + \nu_\tau$ Final States. Physical Review Letters, 2012, 108, 151801.	2.9	21
388	Absolute luminosity measurements with the LHCb detector at the LHC. Journal of Instrumentation, 2012, 7, P01010-P01010.	0.5	41
389	Measurements of the branching fractions of the decays $B \rightarrow D_s + \pi^+ \pi^-$ and $B \rightarrow D_s + \pi^+ \pi^-$. Journal of High Energy Physics, 2012, 2012, .	1.6	19
390	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
391	Measurement of the isospin asymmetry in $B \rightarrow K^* \bar{\nu}_\tau + \nu_\tau$ decays. Journal of High Energy Physics, 2012, 2012, 165		
392	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. Journal of High Energy Physics, 2012, 2012, .	1.6	56
393	Study of $D \rightarrow K^* \pi^0$ and $D \rightarrow K^* \pi^0$ final states in pp collisions. Journal of High Energy Physics, 2012, 2012, .	1.6	29
394	Evidence for $C \rightarrow P$ Violation in Time-Integrated $B \rightarrow D \gamma$ Rates. Physical Review Letters, 2012, 108, 111602.	2.9	181
395	Measurements of the branching fractions and CP asymmetries of $B \rightarrow D_s + \pi^+ \pi^-$ and $B \rightarrow D_s + \pi^+ \pi^-$ decays. Physical Review D, 2012, 85, .	1.6	20
396	First Evidence of Direct $C \rightarrow P$ Violation in Charmless Two-Body Decays of $B \rightarrow K^* \bar{\nu}_\tau + \nu_\tau$. Physical Review Letters, 2012, 108, 201601.	2.9	49

#	ARTICLE	IF	CITATIONS
397	Measurement of the ratio of branching fractions $B(\text{script}) < \text{mo} < \text{msup} < \text{mi} > B < \text{mi} > < \text{mn} > 0 < \text{mn} > < \text{msup} < \text{mo} > \hat{\dagger}' < \text{mo} > < \text{ml}$		



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416	Search for the rare decays $B \rightarrow K^* \mu^+ \mu^-$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 177-184.	1.5	47
417	Search for the rare decays $B \rightarrow K^* \mu^+ \mu^-$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 177-184.	1.5	47
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420	First observation of the inclusive Λ cross section in pp collisions at $\sqrt{s} = 7$ TeV Journal of Physics: Conference Series, 2011, 293, 012059.	1.5	20
421	Search for the rare decays $B \rightarrow K^* \mu^+ \mu^-$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 115-122.	1.5	15
422	Search for the rare decays $B \rightarrow K^* \mu^+ \mu^-$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	1.5	29
423	Search for the rare decays $B \rightarrow K^* \mu^+ \mu^-$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	1.5	60
424	Determination of the branching fractions for $B \rightarrow K^* \mu^+ \mu^-$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	1.5	28
425	Search for the rare decays $B \rightarrow K^* \mu^+ \mu^-$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	1.5	26
426	Search for the rare decays $B \rightarrow K^* \mu^+ \mu^-$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	1.5	115
427	Search for the rare decays $B \rightarrow K^* \mu^+ \mu^-$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	1.5	115
428	Search for the rare decays $B \rightarrow K^* \mu^+ \mu^-$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	1.5	115
429	Search for the rare decays $B \rightarrow K^* \mu^+ \mu^-$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	1.5	115