

Albert Puig Navarro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1853491/publications.pdf>

Version: 2024-02-01

353
papers

19,061
citations

13099

68
h-index

17592

121
g-index

353
all docs

353
docs citations

353
times ranked

8603
citing authors

#	ARTICLE	IF	CITATIONS
19	Evidence for $C \rightarrow P$ Violation in Time-Integrated Strong Constraints on the Rare Decays $B \rightarrow s$	7.8	181
20	Observation of $X(3872)$ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	7.8	160
21	Observation of J/ψ Structures Consistent with Exotic States from Amplitude Analysis of $B \rightarrow K$	3.9	153
22	Search for Hidden Sector Bosons in $B \rightarrow K$	7.8	150
23	Physical Review Letters, 2015, 115, 161802.	7.8	138
24	Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1.	3.9	137
25	Measurement of the track reconstruction efficiency at LHCb. Journal of Instrumentation, 2015, 10, P02007-P02007.	1.2	127
26	Observation of Υ -pair production in pp collisions at $\sqrt{s}=7$ TeV	4.1	123
27	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 52-59. Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	3.9	117
28	Evidence for the decay $B \rightarrow X$	2.5	114
29	Differential branching fraction and angular analysis of the decay $B \rightarrow \hat{\pi}^0 \hat{\pi}^+ \hat{\pi}^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	111
30	Updated measurements of exclusive Υ and $\Upsilon(2S)$ production cross-sections in pp collisions at $\sqrt{s}=7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 055002.	3.6	111
31	Precision luminosity measurements at LHCb. Journal of Instrumentation, 2014, 9, P12005-P12005.	1.2	110
32	Evidence for Exotic Hadron Contributions to $B \rightarrow s$	7.8	110
33	Violation of $B \rightarrow s$ in the Decay $B \rightarrow s$	7.8	108
34	Measurement of Υ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 2025.	3.9	106
35	Search for Majorana Neutrinos in $B \rightarrow \hat{\pi}^0 \hat{\pi}^+ \hat{\pi}^-$ Decays. Physical Review Letters, 2014, 112, 131802.	7.8	106
36	First Observation of $C \rightarrow P$ Violation in the Decays of $B \rightarrow s$	7.8	105

#	ARTICLE	IF	CITATIONS
37	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	16.7	105
38	Exclusive $\bar{c} \rightarrow \bar{s} \ell^+ \ell^-$ and $\bar{c} \rightarrow \bar{s} \ell^+ \ell^-$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045001.	3.6	104
39	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	103
40	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow \bar{c} \ell^+ \ell^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	103
41	Measurement of $C \rightarrow P \ell^+ \ell^-$ violation in the Phase Space of $B \rightarrow \bar{A} \ell^+ \ell^-$. Physical Review Letters, 2013, 111, 101801.	7.8	102
42	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	7.8	101
43	Dalitz plot analysis of $B \rightarrow D \ell^+ \ell^-$. Physical Review Letters, 2012, 109, 172003.	4.7	100
44	Observation of Excited Λ_c Baryons. Physical Review Letters, 2012, 109, 172003.	4.7	99
45	Amplitude analysis of $B \rightarrow \bar{c} \ell^+ \ell^-$. Physical Review Letters, 2012, 109, 172003.	7.8	98
46	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.	4.7	92
47	Measurement of $\bar{c} \rightarrow \bar{s} \ell^+ \ell^-$ meson production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2100.	4.7	89
48	Study of $D^* J$ meson decays to $D^* \ell^+ \ell^-$, $D^* \ell^+ \ell^-$ and $D^* \ell^+ \ell^-$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	4.7	82
49	Differential branching fraction and angular analysis of $B \rightarrow \bar{c} \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2015, 2015, .	4.7	82
50	Search for long-lived scalar particles in $B \rightarrow \bar{c} \ell^+ \ell^-$ decays. Physical Review Letters, 2014, 113, 162001.	7.8	81
51	Observation of Overlapping Spin-1 and Spin-3 Baryons. Physical Review Letters, 2012, 109, 172003.	7.8	80
52	Dalitz plot analysis of $B \rightarrow D \ell^+ \ell^-$. Physical Review Letters, 2014, 113, 162001.	7.8	80
53	Search for long-lived scalar particles in $B \rightarrow \bar{c} \ell^+ \ell^-$ decays. Physical Review Letters, 2014, 113, 162001.	4.7	80
54	Dalitz plot analysis of $B \rightarrow D \ell^+ \ell^-$. Physical Review Letters, 2014, 113, 162001.	4.7	79

#	ARTICLE	IF	CITATIONS
55	Measurement of $C \times P$ violation in the Phase Space of $B \rightarrow K^0 A_{\pm}$ decays. Physical Review Letters, 2016, 117, 152003.	7.8	78
56	Search for Structure in the $B \rightarrow s \gamma$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	4.7	78
57	Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	3.7	77
59	Measurements of $B \rightarrow c$ and Mass with the $B \rightarrow c$ decay width difference with $B \rightarrow K^0 \hat{K}^0$ decays and the $B \rightarrow K^0 \hat{K}^0$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	7.8	75
60	Measurements of the S-wave fraction in $B \rightarrow K^0 \hat{K}^0$ decays and the $B \rightarrow K^0 \hat{K}^0$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	4.7	75
61	Measurement of $C \times P$ violation and the $B \rightarrow s \gamma$ decay width difference with $B \rightarrow s \gamma$ decays. Physical Review Letters, 2012, 109, 232001.	4.7	74
62	Study of J/ψ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	74
63	Measurement of resonant and non-resonant $B \rightarrow s \gamma$ components in $B \rightarrow s \gamma$ decays. Physical Review Letters, 2012, 109, 232001.	4.7	73
64	Measurement of the $\eta_c(1S)$ production cross-section in proton-proton collisions via $\eta_c(1S) \rightarrow \gamma \gamma$. Physical Review Letters, 2016, 117, 152003.		

#	ARTICLE	IF	CITATIONS
73	Search for the rare decays $B \rightarrow X c \bar{c} s$. Journal of High Energy Physics, 2012, 2012, 165	4.7	65
74	Measurement of the isospin asymmetry in $B \rightarrow K^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2012, 2012, 165	4.7	65
75	Production of J/ψ and Υ mesons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	65
76	Observation of $D^0 \rightarrow \pi^+ \pi^-$ oscillations. Physical Review Letters, 2012, 108, 251802.	7.8	65
77	Measurements of C and P violation in the three-body phase space of charmless $B \rightarrow \pi^+ \pi^-$ decays. Physical Review Letters, 2012, 108, 251802.	4.7	65
78	Precision Measurement of C and P Violation in $B \rightarrow \pi^+ \pi^-$ decays. Physical Review Letters, 2015, 114, 041801.	7.8	65
79	First Observation of the Decay $B_c \rightarrow c \bar{c} s$. Physical Review Letters, 2012, 108, 251802.	4.7	60
80	Measurement of $B \rightarrow c \bar{c} s$ in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. Physical Review Letters, 2015, 114, 132001.	7.8	61
81	Jet production in ep collisions at high Q^2 and determination of $\hat{\sigma}$. European Physical Journal C, 2010, 65, 363-383.	3.9	60
82	Search for the rare decays $B \rightarrow s \ell^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	4.1	60
83	Analysis of the resonant components in $B \rightarrow \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	4.1	60
84	Measurement of forward J/ψ production cross-sections in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
85	Precision measurement of the $B \rightarrow s \ell^+ \ell^-$ oscillation frequency with the decay $B \rightarrow s \ell^+ \ell^-$. New Journal of Physics, 2013, 15, 053021.	2.9	59
86	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
87	Measurement of b-hadron masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	4.1	58
88	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	3.9	58
89	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. Journal of High Energy Physics, 2012, 2012.	4.7	56
90	Observation of $B_c \rightarrow c \bar{c} s$ and $B_c \rightarrow c \bar{c} s$. Physical Review Letters, 2012, 108, 251802.	4.7	55

#	ARTICLE	IF	CITATIONS
109	Measurement of the B_c meson lifetime using $B_c \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014, 112, 161801.	4.1	47
110	Observation of Two New B_c Meson Resonances. <i>Physical Review Letters</i> , 2015, 114, 062004.	7.8	47
111	Observation of Photon Polarization in the $B_c \rightarrow \mu^+ \mu^-$ Transition. <i>Physical Review Letters</i> , 2014, 112, 161801.	7.8	46
112	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2015, 75, 152.	3.9	44
113	Measurement of the B_c meson lifetime using $B_c \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014, 112, 161801.	4.1	47
114	Study of B_c meson production in $p\bar{p}$ collisions at $\sqrt{s} = 7$ and 8 TeV. <i>European Physical Journal C</i> , 2014, 74, .	3.9	43
115	Measurement of the B_c meson lifetime using $B_c \rightarrow \mu^+ \mu^-$ decays. <i>European Physical Journal C</i> , 2014, 74, 2839.	3.9	43
116	Identification of beauty and charm quark jets at LHCb. <i>Journal of Instrumentation</i> , 2015, 10, P06013-P06013.	1.2	42
117	Measurement of the Difference of Time-Integrated B_c Asymmetries in $B_c \rightarrow \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2014, 112, 161801.	7.8	42
118	Absolute luminosity measurements with the LHCb detector at the LHC. <i>Journal of Instrumentation</i> , 2012, 7, P01010-P01010.	1.2	41
119	First observation of the decay $B_c \rightarrow \mu^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	41
120	Measurement of the CP-violating phase $\arg(V_{cb} V_{ub}^*)$ in $B_c \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014, 112, 161801.	4.1	40
121	Search for Lepton Number Violating Decays $B_c \rightarrow \mu^+ \mu^-$ and $B_c \rightarrow \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2012, 108, 101601.	7.8	39
122	Precision Measurement of the Mass and Lifetime of the B_c meson. <i>Physical Review Letters</i> , 2014, 113, 242002.	7.8	39
123	Study of the kinematic dependences of B_c production in pp collisions and a measurement of the $B_c \rightarrow \mu^+ \mu^-$ branching fraction. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	39
124	Study of B_c Production in Jets. <i>Physical Review Letters</i> , 2017, 118, 192001.	7.8	39
125	Search for B_c meson production in jets. <i>Physical Review Letters</i> , 2017, 118, 192001.	7.8	39
126	Measurement of the B_c meson lifetime using $B_c \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014, 112, 161801.	4.1	38

#	ARTICLE	IF	CITATIONS
127	Measurement of the forward-backward asymmetry in $Z \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	4.7	37
128	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.	4.7	37
129	First observation of the decay $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	36
130	Measurement of the relative rate of prompt \hat{c}_0 , \hat{c}_1 and \hat{c}_2 production at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	36
131	Amplitude analysis and branching fraction measurement of $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$. Physical Review D, 2013, 87, .	4.7	36
132	Precision Measurement of the Mass and Lifetime of the Λ_b Baryon. Physical Review Letters, 2014, 113, 032001.	7.8	36
133	First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$ decay. Journal of High Energy Physics, 2015, 2015, .	4.7	36
134	Measurement of the CKM angle $\hat{\beta}$ from a combination of $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 151-163.	4.1	35
135	Measurement of the differential branching fraction of the decay $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$. Evidence for the decay $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$. Physical Review D, 2013, 725, 2533.	4.1	35
136	Measurement of the differential branching fraction of the decay $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$ and measurement of $\hat{\beta}$. Model independent determination for the $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$ decays. Physical Review D, 2013, 725, 2533.	2.5	35
137	Measurement of the $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$ decay. Measurement of the $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$ decay. Physical Review D, 2013, 725, 2533.	4.1	34
138	Measurement of the $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$ decay. Measurement of the $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$ decay. Physical Review D, 2013, 725, 2533.	4.1	34
139	Measurement of the $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$ decay. Measurement of the $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$ decay. Physical Review D, 2013, 725, 2533.	4.1	34
140	Measurement of the J/ψ pair production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	34
141	Measurement of the CP violating phase $\hat{\beta}$ from a combination of $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$ decays. Search for direct CP violation in $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 33-43.	4.1	33
142	Search for the rare decay $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$. Search for the rare decay $B \rightarrow \hat{a}^+ \hat{a}^- + \hat{a}^+ \hat{a}^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	4.1	33
143	Searches for violation of lepton flavour and baryon number in tau lepton decays at LHCb. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	4.1	33

#	ARTICLE	IF	CITATIONS
145	Study of Υ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	33
146	Measurement of forward $Z \rightarrow e^+e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
147	Search for the rare decays $B \rightarrow \mu^+ \mu^- \gamma$ and $B \rightarrow \mu^+ \mu^- \gamma^*$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 55-67.	4.7	32
148	Search for the Lepton-Flavor-Violating Decays $B_s \rightarrow \tau^+ \mu^- \nu_\tau \nu_\mu$ and $B \rightarrow \tau^+ \mu^- \nu_\tau \nu_\mu$. Physical Review Letters, 2013, 111, 141801.	4.7	32
149	Measurement of the Semileptonic $B \rightarrow \mu^+ \mu^- \gamma$ Asymmetry in $B \rightarrow \mu^+ \mu^- \gamma$. Physical Review D, 2013, 87, 074011.	4.7	31
150	Search for the lepton flavour violating decay $\tilde{B} \rightarrow \tau^+ \mu^- \nu_\tau$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	31
151	Measurement of the ratio of $B \rightarrow \mu^+ \mu^- \gamma$ fractions to $B \rightarrow \mu^+ \mu^- \gamma^*$. Physical Review D, 2014, 89, 074011.	4.7	31
152	Measurement of the CP-violating phase $\arg(\lambda_{cb})$. Physical Review D, 2014, 89, 074011.	4.7	31
153	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.1	31
154	Measurement of charged particle multiplicities and densities in $\sqrt{s} = 7$ TeV p p collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2014, 74, 2888.	7.8	31
155	Amplitude analysis of $B \rightarrow \mu^+ \mu^- \gamma$. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 38-49.	7.8	31
156	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2012, 72, 1.	3.9	30
157	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	30
158	Measurement of charged particle multiplicities and densities in $\sqrt{s} = 7$ TeV p p collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2014, 74, 2888.	3.9	30
159	Amplitude analysis of $B \rightarrow \mu^+ \mu^- \gamma$. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 38-49.	4.7	30
160	Measurement of $B \rightarrow \mu^+ \mu^- \gamma$. Physical Review Letters, 2015, 115, 031601.	7.8	30
161	Forward production of Υ mesons in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
162	Angular analysis of the $B \rightarrow K^* e^+ e^-$ decay in the low- q^2 region. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30

#	ARTICLE	IF	CITATIONS
163	Derivation of $\langle C \rangle$ and $\langle P \rangle$ -Violating Phase $\langle \mathbf{B}_k \rangle$ in $B \rightarrow D^* K^0$ decays. Journal of High Energy Physics, 2012, 2012, .	4.1	29
164	Study of $D^* \rightarrow D^* K^0$ and $D^* \rightarrow D^* K^+$ final states in pp collisions. Journal of High Energy Physics, 2012, 2012, .	4.7	29
165	Measurement of relative branching fractions of B decays to $\tilde{\chi}^0(2S)$ and J/ψ mesons. European Physical Journal C, 2012, 72, 2118.	3.9	29
166	Measurement of the $\langle C \rangle$ and $\langle P \rangle$ -Violating Phase $\langle \mathbf{B}_k \rangle$ in $B \rightarrow D^* K^0$ decays. Journal of High Energy Physics, 2012, 2012, .	7.8	29
167	Measurement of the CKM angle $\hat{\beta}$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
169	Measurement of the $B \rightarrow D^* K^0 \rightarrow D^* e^+ e^-$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
170	First measurement of time-dependent CP violation in $B_s^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
171	First Observation of a Baryonic B_c^+ Decay. Physical Review Letters, 2014, 113, 152003.	7.8	28
172	Observation of $B_c^+ \rightarrow D^* K^0$ and Evidence for $B_c^+ \rightarrow D^* K^+$ decays. Nuclear Physics B, 2014, 888, 169-193.	7.8	27
173	Measurement of CP violation and constraints on the CKM angle $\hat{\beta}$ in $B^0 \rightarrow D^* K^0$ decays. Nuclear Physics B, 2014, 888, 169-193.	4.1	27
174	Measurement of CP violation and constraints on the CKM angle $\hat{\beta}$ in $B^0 \rightarrow D^* K^0$ decays. Nuclear Physics B, 2014, 888, 169-193.	2.5	27
175	Measurement of $B_c^+ \rightarrow D^* K^0$ and Evidence for $B_c^+ \rightarrow D^* K^+$ decays. Nuclear Physics B, 2014, 888, 169-193.	7.8	27
176	Measurement of $\langle \mathbf{B}_k \rangle$ production in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	3.9	27
177	Measurement of CP violation and constraints on the CKM angle $\hat{\beta}$ in $B^0 \rightarrow D^* K^0$ decays. Nuclear Physics B, 2014, 888, 169-193.	7.8	27
178	Prompt hadron production ratios in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 347, 1-4.	4.1	26
179	Measurement of prompt hadron production ratios in pp collisions at $\sqrt{s} = 0.9$ and 2.76 TeV. European Physical Journal C, 2012, 72, 1.	3.9	26
180	Measurement of mixing and CP violation parameters in two-body charm decays. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26

#	ARTICLE	IF	CITATIONS
181	Measurement of CP asymmetries in the decays $B^0 \rightarrow K^* K^0$ and $B^+ \rightarrow K^* K^+$. Journal of High Energy Physics, 2014, 2014, .	4.7	26
182	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	7.8	26
183	Measurements of the B^+ , B^0 , B_s^0 meson and Λ_b^0 baryon lifetimes. Journal of High Energy Physics, 2014, 2014, .	4.7	26
184	Angular analysis of charged and neutral $B \rightarrow K^* K$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	26
185	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	3.9	26
186	Measurements of the branching fractions for $B \rightarrow D^* D$ decays. Journal of High Energy Physics, 2017, 2017, 1.	7.8	25
187	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2421.	3.9	25
188	Observation of the decay $B_c^+ \rightarrow \eta' K + K^+ \pi^0$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	25
189	Study of forward Z + jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
190	Evidence for the Strangeness-Changing Weak Decay $B \rightarrow D^* D$. Journal of High Energy Physics, 2017, 2017, 1.	7.8	25
191	Observation of the Amplitude Decay Mode $B \rightarrow D^* D$. Physical Review Letters, 2017, 118, 091801.	7.8	25
192	Observation of $B \rightarrow D^* D$ decays. Physical Review Letters, 2017, 118, 111803.	7.8	25
193	Measurements of the branching fractions of $B^+ \rightarrow \rho^+ p$ and $B^0 \rightarrow \rho^0 p$ decays. European Physical Journal C, 2013, 73, 2462.	3.9	24
194	Observations of $B \rightarrow D^* D$ decays. Physical Review Letters, 2017, 118, 091801.	2.5	24
195	Observation of $B \rightarrow D^* D$ decays and measurement of the $\theta(1285)$ mixing angle. Physical Review Letters, 2014, 112, 091802.	7.8	24
196	Measurement of the forward W boson cross-section in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
197	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
198	Observations of $B \rightarrow D^* D$ decays and searches for other $B \rightarrow D^* D$ decays to final states. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24

#	ARTICLE	IF	CITATIONS
199	Measurement of the $B^0 \rightarrow B^0$ and $B^0 \rightarrow B^0$ production asymmetries in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 218-228.	4.1	23
200	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
201	Measurement of the $B^0 \rightarrow B^0$ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	22
202	A model-independent Dalitz plot analysis of $B^0 \rightarrow B^0$ with D^0 . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	4.1	22
203	Model-independent search for CP violation in $B^0 \rightarrow B^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	4.1	22
204	First observations of $B^0 \rightarrow D^+ D^-$, $D_s^+ D_s^-$ and $D^0 D^0$ decays. Physical Review D, 2013, 87, .	4.7	22
205	Measurement of the $B^0 \rightarrow B^0$ asymmetry in $B^0 \rightarrow B^0$. Physical Review Letters, 2013, 110, 031801.	7.8	22
206	Measurement of the CKM angle β^3 using $B^0 \rightarrow D^+ D^-$ with $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	22
207	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	7.8	22
208	Study of $B^0 \rightarrow B^0$ boson production in association with beauty and charm. Physical Review D, 2015, 92, .	4.7	22
209	Asymmetry in $B^0 \rightarrow B^0$ mixing. Physical Review Letters, 2012, 108, 151801.	7.8	22
210	Observation of $B^0 \rightarrow B^0$ Final States. Physical Review Letters, 2012, 108, 151801.	7.8	21
211	Search for Rare $B^0 \rightarrow B^0$ Tj ETQq 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (stretchy="false")	7.8	21
212	Precise measurements of the properties of the $B(5721)0,+$ and $B(5747)0,+$ states and observation of $B^0 \rightarrow B^0$ mass structures. Journal of High Energy Physics, 2015, 2015, 1.	4.7	21
213	A precise measurement of the B^0 meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	3.9	21
214	Measurement of the properties of the Λ_b^0 baryon. Journal of High Energy Physics, 2016, 2016, .	4.7	21
215	Observation of the decay $B^0 \rightarrow B^0$ and evidence for $B^0 \rightarrow B^0$ violation in $B^0 \rightarrow B^0$. Physical Review Letters, 2012, 108, 151801.	4.7	21
216	Search for $B^0 \rightarrow B^0$ violation in $B^0 \rightarrow B^0$. Physical Review D, 2011, 84, .	4.7	20

#	ARTICLE	IF	CITATIONS
217	Measurement of the inclusive \bar{t} -cross-section in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.1	20
218	First observation of $B \rightarrow K^* \mu^+ \mu^-$ decays. Physical Review Letters, 2014, 112, 041801.	4.7	20
219	Search for CP violation in $B \rightarrow K^* \mu^+ \mu^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	7.8	20
220	Measurement of the $\bar{t} b$ (3P) mass and of the relative rate of $\bar{t} b$ (1P) and $\bar{t} b$ (2P) production. Journal of High Energy Physics, 2014, 2014, 1.	4.7	20
221	Search for CP violation in $B \rightarrow K^* \mu^+ \mu^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.	4.7	20
222	Study of B_c^+ decays to the $K^+ \bar{c} \ell^+$ final state and evidence for the decay $B_c^+ \rightarrow \bar{c} \ell^+ \nu_c$. Physical Review D, 2016, 94, .	4.7	20
223	Search for the lepton-flavour violating decay $D^0 \rightarrow e^+ \mu^- \nu_e$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	4.1	20
224	Measurement of CP observables in $B \rightarrow DK^*$ and $B \rightarrow D^* K^*$ 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
225	Studies of the resonance structure in $B \rightarrow K^* \mu^+ \mu^-$ decays. Physical Review D, 2016, 93, .	4.7	20
226	First Experimental Study of Photon Polarization in Radiative B_s^0 Decays. Physical Review Letters, 2017, 118, 021801.	7.8	20
227	Measurements of the branching fractions of the decays $B_s^0 \rightarrow D_s^{\mp} \mu^{\pm} \mu^{\mp}$ and $B_s^0 \rightarrow D_s^{\mp} \mu^{\pm} \mu^{\mp} \pi^{\pm}$. Journal of High Energy Physics, 2012, 2012, .	4.7	19
228	First Measurement of the $B \rightarrow K^* \mu^+ \mu^-$ -Violating Phase in $B \rightarrow K^* \mu^+ \mu^-$ decays. Physical Review Letters, 2013, 110, 241802.	7.8	19
229	Measurement of the branching fractions of the decays $B_s^0 \rightarrow D^* K^* \ell^+ \ell^-$ and $B^0 \rightarrow D^* K^* \ell^+ \ell^-$. Physical Review D, 2013, 87, .	4.7	19
230	Search for CP violation in the decay $B \rightarrow K^* \mu^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	4.1	19
231	Measurement of V_0 production ratios in pp collisions at $\sqrt{s} = 0.9$ TeV and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	18
232	Measurement of the $B_s^0 \rightarrow \bar{t} \bar{t}^* 0$ branching fraction and angular amplitudes. Physical Review D, 2012, 86, .	4.7	18
233	Measurement of the fraction of $\bar{t} b$ (1S) originating from $\bar{t} b$ (1P) decays in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	18
234	Measurement of CP violation in $B \rightarrow K^* \mu^+ \mu^-$ decays. Physical Review D, 2014, 90, .	4.7	18

#	ARTICLE	IF	CITATIONS
253	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. First observation of the decay $B \rightarrow \tau \nu \tau$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	16
254	Observation of the suppressed decay $B \rightarrow \tau \nu \tau$. Journal of High Energy Physics, 2016, 2016, 1. Measurement of the polarization amplitudes and triple product asymmetries in the $B \rightarrow \tau \nu \tau$ decay. Journal of High Energy Physics, 2016, 2016, 1.	4.1	15
255	Observation of the suppressed decay $B \rightarrow \tau \nu \tau$. Journal of High Energy Physics, 2016, 2016, 1. Measurement of the polarization amplitudes and triple product asymmetries in the $B \rightarrow \tau \nu \tau$ decay. Journal of High Energy Physics, 2016, 2016, 1.	4.1	15
256	Measurement of the polarization amplitudes and triple product asymmetries in the $B \rightarrow \tau \nu \tau$ decay. Journal of High Energy Physics, 2016, 2016, 1.	4.1	15
257	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. Physical Review Letters, 2014, 113, 082003.	7.8	15
258	Measurement of CP violation parameters and polarisation fractions in $B \rightarrow \tau \nu \tau$ decays. Journal of High Energy Physics, 2015, 2015, 1.	4.7	15
259	Differential branching fraction and angular moments analysis of the decay $B \rightarrow \tau \nu \tau$ in the $K_{0,2}^*$ region. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
260	Observation of the suppressed decay $B \rightarrow \tau \nu \tau$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
261	Measurement of the polarization amplitudes and triple product asymmetries in the $B \rightarrow \tau \nu \tau$ decay. Journal of High Energy Physics, 2016, 2016, 1.	4.1	14
262	Search for CP violation in $D \rightarrow \tau \nu \tau$ and $D_s \rightarrow \tau \nu \tau$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14
263	Study of $B \rightarrow \tau \nu \tau$ decays with first observation of $B \rightarrow \tau \nu \tau$ and $B \rightarrow \tau \nu \tau$. Journal of High Energy Physics, 2013, 2013, .	4.7	14
264	A study of the Z production cross-section in pp collisions at $\sqrt{s}=7$ TeV using tau final states. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14
265	Measurement of CP violation parameters in $B \rightarrow \tau \nu \tau$ decays. Physical Review D, 2014, 90, .	4.7	14
266	Measurement of the $B \rightarrow \tau \nu \tau$ Meson Lifetime in $D_s \rightarrow \tau \nu \tau$ Decays. Physical Review Letters, 2014, 113, 172001.	7.8	14
267	Observation of charmonium pairs produced exclusively in pp collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002.	3.6	14
268	Measurement of CP asymmetry in $B \rightarrow \tau \nu \tau$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	14
269	Study of CP violation in $B \rightarrow \tau \nu \tau$ ($h=K, \eta$) with the modes $D \rightarrow \tau \nu \tau$ and $D \rightarrow \tau \nu \tau$. Physical Review D, 2015, 91, .	4.7	14
270	Measurement of the branching fraction ratio $B(B_c \rightarrow \tau \nu \tau) / B(B_c \rightarrow \tau \nu \tau)$. Physical Review D, 2015, 92, .	4.7	14

#	ARTICLE	IF	CITATIONS
271	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	14
272	Observation of the $B^0 \rightarrow \rho^+ \rho^-$ decay from an amplitude analysis of $B^0 \rightarrow \rho^+ \rho^- (\rho^+ \rho^-)$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	4.1	14
273	Observation of the $B^0 \rightarrow \rho^+ \rho^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	4.1	14
274	Study of $\tilde{\chi}(2S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
275	Measurement of the ratio of branching fractions $\frac{B(B^0 \rightarrow \rho^+ \rho^-)}{B(B^0 \rightarrow \rho^+ \rho^-)}$		

#	ARTICLE	IF	CITATIONS
289	Constraints on the unitarity triangle angle α_1 from Dalitz plot analysis of $B \rightarrow D^0 K^0$ decays. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
290	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^0 K^0$ decays. Journal of High Energy Physics, 2016, 2016, .	4.7	13
291	First observation of the decay $D^0 \rightarrow K^0 K^0$ in the 1.0 region of the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	4.1	13
292	First Observation of the Decays $B^0 \rightarrow D^0 K^0$ and $B^0 \rightarrow D^0 K^0$. Physical Review Letters, 2012, 108, 161801.	4.1	12
293	Branching fraction and CP asymmetry of the decays $B^0 \rightarrow D^0 K^0$ and $B^0 \rightarrow D^0 K^0$. Physical Review Letters, 2012, 108, 161801.	4.1	12
294	Measurement of the charge asymmetry in $B^0 \rightarrow D^0 K^0$ decays. Physical Review Letters, 2012, 108, 161801.	4.1	12
295	Studies of the decays $B^0 \rightarrow D^0 K^0$ and observation of $B^0 \rightarrow D^0 K^0$. Physical Review D, 2013, 88, .	4.7	12
296	Measurement of the charge asymmetry in $B^0 \rightarrow D^0 K^0$ decays. Physical Review Letters, 2012, 108, 161801.	4.1	12
297	Measurement of CP asymmetries and polarisation fractions in $B^0 \rightarrow D^0 K^0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	4.7	12
298	Measurement of the time-dependent CP asymmetries in $B^0 \rightarrow D^0 K^0$. Journal of High Energy Physics, 2015, .	4.7	12
299	A new algorithm for identifying the flavour of B^0 mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	1.2	12
300	Violation in $B^0 \rightarrow D^0 K^0$ decays. Physical Review Letters, 2016, 117, 261801.	7.8	12
301	Search for $B_c^+ \rightarrow \mu^+ \mu^+ K^0$ decays to the pp^0 final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	4.1	12
302	Observation of $B_c^+ \rightarrow \mu^+ \mu^+ K^0$ decays. Physical Review D, 2017, 95, .	4.7	12
303	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
304	Study of $B^0 \rightarrow D^0 K^0$ and $B^0 \rightarrow D^0 K^0$ decays. Physical Review D, 2013, 87, .	4.7	11
305	Effective lifetime measurements in the $B^0 \rightarrow D^0 K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 446-454.	4.7	11
306	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

#	ARTICLE	IF	CITATIONS
307	Search for the decay $B^0 \rightarrow D^+ K^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 234-243.		
308	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. European Physical Journal C, 2015, 75, 595.	3.9	11
309	Measurements of charm mixing and violation using $B^0 \rightarrow D^+ K^-$ decays. Physical Review D, 2017, 95, .	4.7	11
310	First observation of the decays $B^0 \rightarrow D^+ K^-$ and $B^0 \rightarrow D^+ K^-$. Physical Review D, 2012, 86, 4.7	4.7	10
311	Measurement of the effective lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 393-400.	4.1	10
312	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow p \bar{\Lambda}^-$. Journal of High Energy Physics, 2013, 2013, .	4.7	10
313	Search for CP violation in the phase space of $D^0 \rightarrow K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 345-356.	4.1	10
314	Evidence for the two-body charmless baryonic decay $B^0 \rightarrow p \bar{\Lambda}^-$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
315	First observation of the decay $B_s^0 \rightarrow \phi K^0$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	9
316	First observations of the rare decays $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^-$. Journal of High Energy Physics, 2014, 2014, 1.	4.7	9
317	Observation of the $B_s^0 \rightarrow \phi K^0$ Decay. Physical Review Letters, 2015, 115, 051801.	7.8	9
318	Search for the $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^-$ decays with the LHCb detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	9
319	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.	4.7	9
320	Model-independent measurement of the CKM angle β^3 using $B^0 \rightarrow D^+ K^-$ decays with $B^0 \rightarrow D^+ K^-$ and $B^0 \rightarrow D^+ K^-$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	9
321	Search for the suppressed decays $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	4.1	9
322	Observation of the Decay $B^0 \rightarrow K^+ K^-$. Physical Review Letters, 2017, 118, 071801.	7.8	9
323	Observation of the $B^0 \rightarrow K^+ K^-$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	8
324	Search for the rare decays $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^-$. Physical Review D, 2015, 92, .	4.7	8

#	ARTICLE	IF	CITATIONS
325	Observation of the $B_s^0 \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ decay. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
326	Limits on neutral Higgs boson production in the forward region in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7
327	Searches for $B_{(s)}^0 \rightarrow \mu^+ \mu^- \psi(p)$ and $B \rightarrow \tau^+ \mu^- \psi(p)$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7
328	Search for the decay $B_s^0 \rightarrow D^* \tau^+ \tau^-$. Physical Review D, 2013, 87, .	4.7	7
329	First observation and measurement of the branching fraction for the decay $B_s^0 \rightarrow D^+ \tau^- K^+$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	7
330	Search for the CP-violating strong decays $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ and $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 233-240.	4.1	7
331	Measurement of forward $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 233-240.	4.1	7
332	Observation of $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ and $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. European Physical Journal C, 2017, 77, 72.	3.9	7
333	Measurement of CP observables in $B^0 \rightarrow D^+ K^-$ with $D^+ \rightarrow K^+ K^-$. Journal of High Energy Physics, 2013, 2013, 4.7	4.7	6
334	Study of $B \rightarrow \tau^+ \tau^- D^+ K^-$ and $B \rightarrow \tau^+ \tau^- D^+ K^-$. Physical Review D, 2015, 92, .		
335	Determination of the branching fractions of $B_s^0 \rightarrow D^+ S^- K^+$ and $B^0 \rightarrow D^+ S^- K^+$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	6
336	Measurement of the $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 484-492.	4.1	6
337	Observation of $B_s^0 \rightarrow D^+ K^-$ and Evidence for $B_s^0 \rightarrow D^+ K^-$ Decays. Physical Review Letters, 2016, 116, 161802.	4.8	6
338	Measurement of the B^{\pm} production asymmetry and the CP asymmetry in $B^{\pm} \rightarrow \tau^+ \tau^- K^{\pm}$ decays. Physical Review D, 2017, 95, .	4.7	6
339	First observation of the rare $B \rightarrow \tau^+ D^+ K^-$ decay. Physical Review D, 2016, 93, .	4.7	5
340	Measurement of the $B_s^0 \rightarrow D_s^* + D_s^* \tau^+$ branching fractions. Physical Review D, 2016, 93, .	4.7	5
341	First observation of the decay $B_s^0 \rightarrow K^+ S^0 K^-$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1.	4.7	5
342	Event reconstruction in the LHCbOnline cluster. Journal of Physics: Conference Series, 2010, 219, 022020.	0.4	4

#	ARTICLE	IF	CITATIONS
343	Time alignment of the front end electronics of the LHCb calorimeters. Journal of Instrumentation, 2012, 7, P08020-P08020.	1.2	4
344	The LHCb Experience on the Grid from the DIRAC Accounting Data. Journal of Physics: Conference Series, 2011, 331, 072059.	0.4	3
345	Kali: The framework for fine calibration of the LHCb Electromagnetic Calorimeter. Journal of Physics: Conference Series, 2011, 331, 032050.	0.4	3
346	Search for the $B_s^0 \rightarrow \mu^+ \mu^-$ decay. Journal of High Energy Physics, 2017, 2017, 1.	4.7	3
347	phasespace: n-body phase space generation in Python. Journal of Open Source Software, 2019, 4, 1570.	4.6	3
348	The LHCb Turbo stream. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 38-39.	1.6	2
349	The LHCb trigger system: Performance and outlook. , 2013, , .		0
350	Preparation and commissioning of LHCb for the Run II of LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 35-37.	1.6	0
351	The LHCb Starterkit. Journal of Physics: Conference Series, 2017, 898, 082054.	0.4	0
352	The LHCb Starterkit initiative. , 2017, , .		0
353	Rare B decays at LHCb. , 2017, , .		0