

Andrea Contu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4093088/publications.pdf>

Version: 2024-02-01

601
papers

26,104
citations

8732

75
h-index

12558

132
g-index

613
all docs

613
docs citations

613
times ranked

8909
citing authors

#	ARTICLE	IF	CITATIONS
1	Test of Lepton Universality Using $B \rightarrow K^* \ell^+ \ell^-$ Observations of $B \rightarrow K^* \ell^+ \ell^-$	2.9	845
2	Resonances Consistent with Pentaquark States in $J/\psi \rightarrow p \bar{p}$	2.9	816
3			



#	ARTICLE	IF	CITATIONS
19	Prompt charm production in pp collisions at $\sqrt{s}=7$ TeV. Measurement of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ branching fraction. Physical Review Letters, 2013, 871, 120.	0.9	228
20	Branching Fraction and Effective Lifetime and Search for $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review Letters, 2017, 118, 1.	2.9	220
21	Differential branching fractions and isospin asymmetries of $B \rightarrow K^* \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	206
22	Angular analysis and differential branching fraction of the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$. Journal of High Energy Physics, 2015, 2015, 1.	1.8	191
23	Test of lepton flavor universality by the measurement of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ branching fraction. Evidence for $B \rightarrow D^* \ell \bar{\nu}_\ell$ violation in $B \rightarrow D^* \ell \bar{\nu}_\ell$. New J, 2018, 97, 1.	1.6	189
24	Violation in Time-Integrated $B \rightarrow D^* \ell \bar{\nu}_\ell$ Search for $B \rightarrow D^* \ell \bar{\nu}_\ell$. Strong Flavor Violation in $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review Letters, 2019, 122, 211803.	2.9	181
25	Search for $B \rightarrow D^* \ell \bar{\nu}_\ell$ violation in $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review Letters, 2019, 122, 211803.	2.9	160
26	Observation of $B \rightarrow D^* \ell \bar{\nu}_\ell$ violation in Charm Decays. Physical Review Letters, 2019, 122, 211803.	2.9	157
27	Observation of $X(3872)$ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	153
28	Observation of $X(3872)$ production in pp collisions at $\sqrt{s}=7$ TeV. Structures Consistent with Exotic States from Amplitude Analysis of $B \rightarrow D^* \ell \bar{\nu}_\ell$. Search for $B \rightarrow D^* \ell \bar{\nu}_\ell$ violation in $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review Letters, 2020, 124, 041801.	2.9	150
29	Search for $B \rightarrow D^* \ell \bar{\nu}_\ell$ violation in $B \rightarrow D^* \ell \bar{\nu}_\ell$. Decays. Physical Review Letters, 2020, 124, 041801.	2.9	148
30	Search for Hidden-Sector Bosons in $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review Letters, 2015, 115, 161802.	2.9	138
31	Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1.	1.4	137
32	Measurement of $B \rightarrow D^* \ell \bar{\nu}_\ell$ -Averaged Observables in the $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review Letters, 2020, 125, 011802.	2.9	128
33	Observation of an exotic narrow doubly charmed tetraquark. Nature Physics, 2022, 18, 751-754.	6.5	124
34	Observation of $X(3872)$ production in pp collisions at $\sqrt{s}=7$ TeV. $B \rightarrow D^* \ell \bar{\nu}_\ell$ pair production in pp collisions at $\sqrt{s}=7$ TeV. $B \rightarrow D^* \ell \bar{\nu}_\ell$ violation in $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review Letters, 2019, 123, 011802.	1.5	123
35	$B \rightarrow D^* \ell \bar{\nu}_\ell$ violation in $B \rightarrow D^* \ell \bar{\nu}_\ell$. $B \rightarrow D^* \ell \bar{\nu}_\ell$ violation in $B \rightarrow D^* \ell \bar{\nu}_\ell$. $B \rightarrow D^* \ell \bar{\nu}_\ell$ violation in $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review Letters, 2019, 123, 011802.	2.9	122
36	Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	1.4	117

#	ARTICLE	IF	CITATIONS
37	Amplitude analysis of the $B \rightarrow D^* \bar{D}^* \bar{D}^* \bar{D}^*$ decay. <i>Physical Review D</i> , 2020, 102.	1.6	117
38	Measurement of $B \rightarrow D^* \bar{D}^* \bar{D}^* \bar{D}^*$ hadron production fractions in 7 TeV collisions. <i>Physical Review D</i> , 2021, 05.	1.6	116
39	Evidence for the decay $B \rightarrow D^* \bar{D}^* \bar{D}^* \bar{D}^*$. <i>Physical Review Letters</i> , 2020, 125, 242001.	1.5	115
40	Search for Dark Photons Produced in 13 TeV Collisions. <i>Physical Review Letters</i> , 2018, 120, 061801.	0.9	114
41	Differential branching fraction and angular analysis of the decay $B \rightarrow D^* K \bar{D}^* \bar{D}^*$. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	111
42	Updated measurements of exclusive J/ψ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s} = 7\text{ TeV}$. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014, 41, 055002.	1.4	111
43	Model-Independent Study of Structure in $B \rightarrow D^* \bar{D}^* \bar{D}^* \bar{D}^*$ Decays. <i>Physical Review Letters</i> , 2020, 125, 242001.	2.9	111
44	Measurement of the $B \rightarrow D^* \bar{D}^* \bar{D}^* \bar{D}^*$ Violating Phase in the Decay $B \rightarrow D^* \bar{D}^* \bar{D}^* \bar{D}^*$. <i>Physical Review Letters</i> , 2013, 110, 221601.	2.9	110
45	Measurement of the $B \rightarrow D^* \bar{D}^* \bar{D}^* \bar{D}^*$ Violating Phase in the Decay $B \rightarrow D^* \bar{D}^* \bar{D}^* \bar{D}^*$. <i>Physical Review Letters</i> , 2013, 110, 221601.	2.9	108
46	Study of the doubly charmed tetraquark T_{cc} . <i>Nature Communications</i> , 2022, 13, .	5.8	107
47	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 7\text{ TeV}$. <i>European Physical Journal C</i> , 2012, 72, 2025.	1.4	106
48	Search for Majorana Neutrinos in $B \rightarrow D^* \bar{D}^* \bar{D}^* \bar{D}^*$ Decays. <i>Physical Review Letters</i> , 2014, 112, 131802.	2.9	106
49	First Observation of $B \rightarrow D^* \bar{D}^* \bar{D}^* \bar{D}^*$ Violation in the Decays of $B \rightarrow D^* \bar{D}^* \bar{D}^* \bar{D}^*$. <i>Physical Review Letters</i> , 2013, 110, 221601.	2.9	105
50	Exclusive J/ψ and $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7\text{ TeV}$. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2013, 40, 045001.	1.4	104
51	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7\text{ TeV}$. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	103
52	Differential branching fraction and angular analysis of the decay $B \rightarrow D^* \bar{D}^* \bar{D}^* \bar{D}^*$. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	103
53	Model-Independent Evidence for $B \rightarrow D^* \bar{D}^* \bar{D}^* \bar{D}^*$ Contributions to $B \rightarrow D^* \bar{D}^* \bar{D}^* \bar{D}^*$. <i>Physical Review Letters</i> , 2013, 110, 221601.	2.9	102

#	ARTICLE	IF	CITATIONS
55	Measurement of $C \rightarrow P$ Violation in the Phase Space of $B \rightarrow \hat{A}^\pm$. Physical Review Letters, 2013, 111, 101801.	2.9	101
56	Measurements of prompt charm production cross-sections in pp collisions at $s = 13 \sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	100
57	Observation of Excited $B \rightarrow D$ and $B \rightarrow D^*$ Decays. Physical Review Letters, 2012, 109, 172003.	1.6	99
58	Angular Analysis of the $B \rightarrow K^* \bar{K}^0$ Decay. Physical Review Letters, 2012, 109, 172003.	2.9	98
59	Observation of New Resonances Decaying to $J/\psi K^0$ and $J/\psi K^*$. Physical Review Letters, 2017, 95, 161801.	2.9	96
60	Amplitude Analysis of $B \rightarrow J/\psi K^0$ and $B \rightarrow J/\psi K^*$. Physical Review Letters, 2017, 95, 161801.	2.9	93
61	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	92
62	Measurement of $\tilde{\Gamma}(2S)$ meson production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2100.	1.4	83
64	Study of D J meson decays to $D^* \bar{K}^0$, $D^* \bar{K}^+$ and $D^* \bar{K}^*$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	1.6	82
65	Measurement of the $B \rightarrow \bar{K}^* \bar{K}^0$ and $B \rightarrow \bar{K}^* \bar{K}^*$ decays. Journal of High Energy Physics, 2015, 2015, .	2.9	82
66	Differential branching fraction and angular analysis of $B \rightarrow \bar{K}^* \bar{K}^0$ decays. Journal of High Energy Physics, 2015, 2015, .	1.6	82
67	Observation of Overlapping Spin-1 and Spin-3 Mesons. Physical Review Letters, 2014, 113, 161801.	2.9	81
68	Search for long-lived scalar particles in $B \rightarrow \bar{K}^* \bar{K}^0$ decays. Physical Review Letters, 2014, 112, 011801.	2.9	80
69	Search for Structure in the $B \rightarrow \bar{K}^* \bar{K}^0$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	1.6	80
70	Violation in the Phase Space of $B \rightarrow \bar{K}^* \bar{K}^0$ and $B \rightarrow \bar{K}^* \bar{K}^*$. Physical Review Letters, 2014, 112, 011801.	2.9	79
71	Search for Structure in the $B \rightarrow \bar{K}^* \bar{K}^0$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	2.9	78
72	Search for Structure in the $B \rightarrow \bar{K}^* \bar{K}^0$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	2.9	78

#	ARTICLE	IF	CITATIONS
73	<p>Observation of $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decays. <i>Physical Review Letters</i>, 2012, 109, 232001.</p> <p>Particle and High-Energy Physics, 2011, 698, 115-122.</p>	1.5	77
74	<p>Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. <i>Chinese Physics C</i>, 2016, 40, 011001.</p>	1.5	77
75	<p>Observation of a New $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decays. <i>Physical Review Letters</i>, 2012, 109, 232001.</p> <p>Branching Fraction Measurements of the Rare $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ Decay. <i>Physical Review Letters</i>, 2018.</p>	2.9	76
76	<p>Observation of $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decays. <i>Physical Review Letters</i>, 2012, 109, 232001.</p>	2.9	76
77	<p>Measurements of $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decays. <i>Physical Review Letters</i>, 2012, 109, 232001.</p>	2.9	75
78	<p>Observation of CP Violation in $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decays. <i>Physical Review Letters</i>, 2012, 109, 232001.</p>	1.6	74
79	<p>Measurements of the S-wave fraction in $B^0 \rightarrow K^+ K^- \pi^0$ decays and the $B^0 \rightarrow K^+ K^- \pi^0$ differential branching. <i>Journal of High Energy Physics</i>, 2016, 2016, 1.</p>	1.6	74
80	<p>Measurement of $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ violation and the $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decay width difference with $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$. <i>Physical Review Letters</i>, 2012, 109, 232001.</p>	1.6	74
81	<p>Study of J/ψ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. <i>Journal of High Energy Physics</i>, 2014, 2014, 1.</p>	1.6	73
82	<p>Measurement of resonant and $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ components in $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decay. <i>Physical Review Letters</i>, 2012, 109, 232001.</p>	1.6	73
83	<p>Measurement of the $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ production cross-section in proton-proton collisions via $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$. <i>Physical Review Letters</i>, 2012, 109, 232001.</p>		
84			

#	ARTICLE	IF	CITATIONS
91	Measurement of the resonant and non-resonant components in $B \rightarrow D^* P$ decays. Journal of High Energy Physics, 2012, 2012, 165	1.6	67
92	Study of the lineshape of the $B \rightarrow D^* P$ decays. Journal of High Energy Physics, 2012, 2012, 165	1.6	65
93	Analysis of the resonant components in $B \rightarrow D^* P$ decays. Journal of High Energy Physics, 2012, 2012, 165	1.6	65
94	Search for the rare decay $B \rightarrow D^* P$. Journal of High Energy Physics, 2012, 2012, 165	1.6	65
95	Measurement of the isospin asymmetry in $B \rightarrow D^* P$ decays. Journal of High Energy Physics, 2012, 2012, 165	1.6	65
96	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	1.6	65
97	Production of J/ψ and Υ mesons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	65
98	Observation of $D^* \rightarrow D^* P$ oscillation. Journal of High Energy Physics, 2013, 2013, 1.	2.9	65
99	Measurements of $B \rightarrow D^* P$ violation in the three-body phase space of charmless $B \rightarrow D^* P$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	65
100	Precision measurement of $B \rightarrow D^* P$ violation in $B \rightarrow D^* P$ decays. Journal of High Energy Physics, 2013, 2013, 1.	2.9	65
101	First Observation of the Decay $B \rightarrow D^* P$. Physical Review Letters, 2015, 114, 041801	2.9	62
102	Determination of the Sign of the Decay Width Difference in the $B \rightarrow D^* P$ System. Physical Review Letters, 2012, 108, 241801	2.9	61
103	Measurement of $B \rightarrow D^* P$ in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	2.9	61
104	Search for the rare decay $B \rightarrow D^* P$. Physical Review Letters, 2015, 114, 041801	1.3	60
105	Analysis of the resonant components in $B \rightarrow D^* P$ decays. Journal of High Energy Physics, 2011, 699, 330-340.	1.6	60
106	Measurement of forward J/ψ production cross-sections in pp collisions at $s = 13$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
107	Precision measurement of the $B \rightarrow D^* P$ oscillation frequency with the decay $B \rightarrow D^* P$. New Journal of Physics, 2013, 15, 053021.	1.2	59
108	Measurement of forward W and Z boson production in pp collisions at $s = 8$ TeV. Journal of High Energy Physics, 2016, 2016, .	1.6	59

#	ARTICLE	IF	CITATIONS
109	Measurement of b-hadron masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	1.5	58
110	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	1.4	58
111	Evidence for an $\eta_c(1S) \pi^+ \pi^-$ resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^-$		

#	ARTICLE	IF	CITATIONS
127	Measurement of the $B \rightarrow K^* \rho^0$ decay properties and search for the $B \rightarrow K^* \rho^0$. Physical Review D, 2022, 105, .	1.6	51
128	Differential Branching Fraction and Angular Analysis of the Decay $B^0 \rightarrow K^* \rho^0$. Physical Review Letters, 2012, 108, 181806.	2.9	50
129	Measurement of B meson production cross-sections in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
130	Search for the doubly charmed baryon Ξ_{cc}^+ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
131	Precision measurement of the ratio of the $B \rightarrow K^* \rho^0$ to $B \rightarrow K^* \rho^0$. Physical Review D, 2015, 91, .	1.5	50
132	First observation and amplitude analysis of the $B \rightarrow K^* \rho^0$. Physical Review D, 2015, 91, .	1.6	50
133	Two-Body Decays of $B \rightarrow K^* \rho^0$. Physical Review Letters, 2012, 108, 201601.	2.9	49
134	Searches for Majorana neutrinos in $B \rightarrow \rho^0$ decays. Physical Review D, 2012, 85, .	1.6	49
135	Measurements of long-range near-side angular correlations in p - p proton-lead collisions in the forward region. Physics Letters, Section B: Nuclear, Elementary Particle and Hadronic Physics, 2016, 360, 493-499.	1.5	49
136	Observation of New Resonances in the $B \rightarrow K^* \rho^0$. Physical Review Letters, 2019, 123, 152001.	2.9	49
137	Measurements of long-range near-side angular correlations in p - p proton-lead collisions in the forward region. Physics Letters, Section B: Nuclear, Elementary Particle and Hadronic Physics, 2016, 360, 493-499.	1.5	49

#	ARTICLE	IF	CITATIONS
145	Observation of Photon Polarization in the $b \rightarrow s \gamma$ Transition. Physical Review Letters, 2014, 112, 161801.	2.9	46
146	Analysis of Neutral B_c -Meson Decays into Two Muons. Physical Review Letters, 2022, 128, 041801.	2.9	46
147	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
148	Observation of New B_c Baryons Decaying to K^0 . Physical Review Letters, 2022, 128, 041801.	2.9	45
149	Tests of Lepton Universality Using $B_c \rightarrow K^0 \mu^+ \mu^-$ and $B_c \rightarrow K^0 e^+ e^-$. Physical Review Letters, 2022, 128, 041801.	2.9	45
150	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	1.4	44
151	First Observation of Excited B_c Mesons. Physical Review Letters, 2019, 122, 232001.	2.9	44
152	Measurement of the Difference of Time-Integrated $B_c \rightarrow D^0 \mu^+ \mu^-$ Mixing Parameters and Search for $B_c \rightarrow D^0 \mu^+ \mu^-$. Physical Review Letters, 2019, 122, 232001.	2.9	44
153	Study of χ_{c1} meson production in pp collisions at $\sqrt{s} = 7$ and 8 TeV. European Physical Journal C, 2014, 74, 1.	1.4	43
154	Measurement of the $B_c \rightarrow \mu^+ \mu^-$ meson lifetime using $B_c \rightarrow \mu^+ \mu^-$. European Physical Journal C, 2014, 74, 2839.	1.4	43
155	Observation of an Excited B_c State. Physical Review Letters, 2019, 122, 232001.	1.4	43
156	Measurement of the Difference of Time-Integrated $B_c \rightarrow D^0 \mu^+ \mu^-$ Asymmetries in $B_c \rightarrow D^0 \mu^+ \mu^-$. Physical Review Letters, 2019, 122, 232001.	2.9	42
157	Study of the $\bar{\chi}(3823)$ and $\chi(3872)$ states in $B^+ \rightarrow \bar{\chi}(3823) K^+$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	42
158	Amplitude analysis of the $B_c \rightarrow \mu^+ \mu^-$ decay. Physical Review D, 2020, 101, 1.	1.6	42
159	First observation of the decay $B_c^+ \rightarrow \mu^+ \mu^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	41
160	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	1.4	41
161	Measurement of Antiproton Production in He Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2018, 121, 222001.	2.9	41
162	Measurement of the CP-violating phase $\arg(\tau_{12})$ in $B_c \rightarrow \mu^+ \mu^-$. Physical Review Letters, 2018, 121, 222001.	1.5	40

#	ARTICLE	IF	CITATIONS
163	Search for Lepton Number Violating Decays $B \rightarrow \tau^+ \bar{\nu}_\tau \nu_\mu + \mu^+ + \nu_\mu$ and $B \rightarrow \tau^+ K^0 \bar{\nu}_\tau + \mu^+ + \nu_\mu$. Physical Review Letters, 2012, 108, 101601.	2.9	39
164	Precision Measurement of the Mass and Lifetime of the Λ_b^0 . Physical Review Letters, 2014, 113, 242002.	2.9	39
165	Study of the kinematic dependences of Λ_b^0 production in pp collisions and a measurement of the $\Lambda_b^0 \rightarrow \tau^+ \bar{\nu}_\tau \nu_\mu$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
166	Study of Λ_b^0 Production in Jets. Physical Review Letters, 2017, 118, 192001.	2.9	39
167	Search for beautiful tetraquarks in the $\bar{\psi}(1S)$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	39
168	Search for $D^0 \rightarrow \tau^+ \bar{\nu}_\tau \nu_\mu + \mu^+ + \nu_\mu$ production asymmetry in 7 TeV pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 774, 159-178.	1.5	37
169	Measurement of the forward-backward asymmetry in $Z \rightarrow \tau^+ \tau^-$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37
170	Amplitude Analysis of $B \rightarrow \tau^+ \bar{\nu}_\tau \nu_\mu + \mu^+ + \nu_\mu$ Decays. Physical Review Letters, 2019, 123, 231802.	2.9	38
171	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
172	Prompt and nonprompt J/ψ production and nuclear modification in p-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 159-178.	1.5	37
173	First observation of the decay $B \rightarrow \tau^+ \bar{\nu}_\tau \nu_\mu + \mu^+ + \nu_\mu$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	36
174	Measurement of the relative rate of prompt \bar{D}^0 , \bar{D}^+ and \bar{D}^* production at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	36
175	Amplitude analysis and branching fraction measurement of $B \rightarrow \tau^+ \bar{\nu}_\tau \nu_\mu + \mu^+ + \nu_\mu$. Physical Review D, 2013, 87, .	1.6	36
176	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 032001.	2.9	36
177	First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow \tau^+ \bar{\nu}_\tau \nu_\mu + \mu^+ + \nu_\mu$ decay. Journal of High Energy Physics, 2015, 2015, .	1.6	36
178	Measurement of the CKM angle β from a combination of $B \rightarrow \tau^+ \bar{\nu}_\tau \nu_\mu + \mu^+ + \nu_\mu$ analyses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 151-162.	1.5	35
179	Measurement of the differential branching fraction of the decay $B \rightarrow \tau^+ \bar{\nu}_\tau \nu_\mu + \mu^+ + \nu_\mu$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 25-35.	1.5	35
180			

#	ARTICLE	IF	CITATIONS
181	Measurement of the $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ decay and measurement of the relative branching fractions $\mathcal{B}(\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-)$ and $\mathcal{B}(\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^0)$. Physical Review Letters, 2013, 111, 102003.	0.9	35
182	Precision Measurement of the $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ decay. Physical Review Letters, 2013, 111, 102003.	0.9	35
183	Observation of the $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
184	Model-independent confirmation of the $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ decay. Journal of High Energy Physics, 2015, 2015, 92.	1.6	35
185	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
186	Search for the doubly charmed baryon Ξ_{cc}^{++} . Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	35
187	Measurement of the $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ decay. Journal of High Energy Physics, 2017, 2017, .	1.5	34
188	Measurement of the CP violating phase $\arg(\frac{V_{cb} V_{cs}^*}{V_{ub} V_{us}^*})$ in $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ decay. Journal of High Energy Physics, 2017, 2017, .	1.5	34
189	Measurement of the CP violating phase $\arg(\frac{V_{cb} V_{cs}^*}{V_{ub} V_{us}^*})$ in $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ decay. Journal of High Energy Physics, 2017, 2017, .	1.5	34
190	Addendum: Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	34
191	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.	1.6	34
192	Angular moments of the decay $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
193	Measurement of the CP-violating phase $\arg(\frac{V_{cb} V_{cs}^*}{V_{ub} V_{us}^*})$ in $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ decay. Journal of High Energy Physics, 2017, 2017, .	1.5	33
194	Search for direct CP violation in $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ decay. Journal of High Energy Physics, 2013, 2013, 723-724.	1.5	33
195	Search for the rare decay $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	1.5	33
196	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.	1.5	33
197	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.	1.6	33
198	Measurement of forward $Z \rightarrow e^+ e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33

#	ARTICLE	IF	CITATIONS
199	Precision measurement of the χ mass. Journal of High Energy Physics, 2020, 2020, 1	1.6	33
200	Evidence for a New Structure in the J/ψ and ψ' and $\psi(3770)$ and $\psi(4040)$ decays. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 55-67.	2.9	33
201	Search for the rare decays $B \rightarrow \mu^+ \mu^- \gamma$ and $B \rightarrow \mu^+ \mu^- \gamma^*$. Physical Review Letters, 2013, 111, 011801	2.9	33
202	Search for the Lepton-Flavor-Violating Decays $B_s \rightarrow e^+ \mu^- \gamma$ and $B \rightarrow e^+ \mu^- \gamma$. Physical Review Letters, 2013, 111, 011801	1.6	32
203	Observation of the decay $B_c \rightarrow B \gamma$. Physical Review Letters, 2013, 111, 011801	2.9	32
204	Measurement of the Semileptonic $B \rightarrow \mu^+ \mu^- \gamma$ Decays. Physical Review D, 2013, 87, .	2.9	32
205	Precise measurement of the $B \rightarrow \mu^+ \mu^- \gamma$ decays. Physical Review D, 2013, 87, .	2.9	32
206	Search for the lepton flavour violating decay $B \rightarrow \mu^+ \mu^- \gamma$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	32
207	Observation of Several Sources of $B \rightarrow \mu^+ \mu^- \gamma$ Violation in $B \rightarrow \mu^+ \mu^- \gamma$. Physical Review Letters, 2015, 115, 011801	2.9	32
208	Precise measurement of the $B \rightarrow \mu^+ \mu^- \gamma$ decays. Physical Review D, 2014, 89, .	1.6	32
209	Study of beauty baryon decays to $B \rightarrow \mu^+ \mu^- \gamma$. Physical Review Letters, 2014, 113, 011801	1.6	31
210	Search for Violations of Lorentz Invariance and $B \rightarrow \mu^+ \mu^- \gamma$ Symmetry. Physical Review Letters, 2014, 113, 011801	1.6	31
211	Search for Violations of Lorentz Invariance and $B \rightarrow \mu^+ \mu^- \gamma$ Symmetry. Physical Review Letters, 2014, 113, 011801	1.5	31
212	Test of lepton universality with $B \rightarrow \mu^+ \mu^- \gamma$ decays. Journal of High Energy Physics, 2020, 2020, 1.	2.9	31
213	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2012, 72, 1.	1.6	31
214	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.4	30
215	Measurement of charged particle multiplicities and densities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2014, 74, 2888.	1.4	30

#	ARTICLE	IF	CITATIONS
217	Amplitude analysis of $B \rightarrow \bar{D} K$ decays. Journal of High Energy Physics, 2015, 2015, 1. $B \rightarrow \bar{D} K$	1.6	30
218	Measurement of the lifetime of the B_c meson. Physical Review Letters, 2015, 115, 031601. $B_c \rightarrow \bar{D} K$	2.9	30
219	Forward production of Υ mesons in pp collisions at $s = 7 \sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
220	Angular analysis of the $B_0 \rightarrow K^* K^0 e^+ e^-$ decay in the low- q^2 region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
221	Central exclusive production of J/ψ and $\psi(2S)$ mesons in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018.	1.6	30
222	First observation of $B \rightarrow \bar{D} K$ decays to $\{D^* K\}^0$ and $D^0 K^+$ final states in pp collisions. Journal of High Energy Physics, 2012, 2012, . $B \rightarrow \bar{D} K$	1.5	29
223	Study of $D^* \rightarrow \bar{D} K$ decays to $\{D^* K\}^0$ and $D^0 K^+$ final states in pp collisions. Journal of High Energy Physics, 2012, 2012, .	1.6	29
224	Measurement of relative branching fractions of B decays to $\psi(2S)$ and J/ψ mesons. European Physical Journal C, 2012, 72, 2118.	1.4	29
225	Measurement of the lifetime of the B_c meson. Physical Review Letters, 2015, 115, 031601. $B_c \rightarrow \bar{D} K$	2.9	29
226	Measurement of the CKM angle β from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
227	Measurement of the shape of the $B \rightarrow \bar{D} K$ differential decay rate. Physical Review D, 2017, 96, .	1.6	29
228	Near-threshold $\overline{D^* D^*}$ spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	1.6	29
229	Determination of $B \rightarrow \bar{D} K$ decays to $\{D^* K\}^0$ and $D^0 K^+$ final states in pp collisions. Journal of High Energy Physics, 2012, 2012, . $B \rightarrow \bar{D} K$	2.9	28
230	Measurement of the $B_0 \rightarrow K^* K^0 e^+ e^-$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
231	First measurement of time-dependent CP violation in $B_{s^0} \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
232	First Observation of a Baryonic B_c Decay. Physical Review Letters, 2014, 113, 152003.	2.9	28
233	Observation of the Decays $B \rightarrow \bar{D} K^* K^0$ and $B \rightarrow \bar{D} K^* K^+$. Physical Review Letters, 2017, 119, 062001.	2.9	28

#	ARTICLE	IF	CITATIONS
235	Studies of the resonance structure in $B^0 \rightarrow K^* \pi^+ \pi^- \pi^+ \pi^- \pi^0$ decays. European Physical Journal C, 2018, 78, 443.	1.4	28
236	Prospects for measurements with strange hadrons at LHCb. Journal of High Energy Physics, 2019, 2019, 1.	1.6	28
237	Measurement of $B^0 \rightarrow K^* \pi^+ \pi^- \pi^0$ decays. European Physical Journal C, 2018, 78, 443.	1.6	28
238	First Observation of the Decay $B^0 \rightarrow K^* \pi^+ \pi^- \pi^0$ and a Measurement of $B^0 \rightarrow K^* \pi^+ \pi^- \pi^0$. Physical Review Letters, 2021, 126, 081804.	2.9	27
239	Angular analysis of the rare decay $B_s^0 \rightarrow \bar{D}^* K^* \pi^0$. Journal of High Energy Physics, 2021, 2021, 1.	1.6	28
240	Observation of $B^0 \rightarrow K^* \pi^+ \pi^- \pi^0$ decays. European Physical Journal C, 2018, 78, 443.	2.9	27
241	Measurement of CP violation and constraints on the CKM angle β^3 in $B^0 \rightarrow K^* \pi^+ \pi^- \pi^0$ decays. Nuclear Physics B, 2014, 888, 169-193.	1.5	27
242	Measurement of CP violation and constraints on the CKM angle β^3 in $B^0 \rightarrow K^* \pi^+ \pi^- \pi^0$ decays. Nuclear Physics B, 2014, 888, 169-193.	0.9	27
243	Measurement of $B^0 \rightarrow K^* \pi^+ \pi^- \pi^0$ decays. European Physical Journal C, 2018, 78, 443.	2.9	27
244	Measurement of Υ production in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	1.4	27
245	Prompt hadron production in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	2.9	27
246	Measurement of prompt hadron production ratios in pp collisions at $\sqrt{s} = 0.9$ and 2.76 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 72, 1.	1.5	26
247	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.	1.4	26
248	Measurement of mixing and CP violation parameters in two-body charm decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26
249	Measurement of CP asymmetries in the decays $B^0 \rightarrow K^* \pi^+ \pi^- \pi^0$ and $B^+ \rightarrow K^* \pi^+ \pi^- \pi^0$. Journal of High Energy Physics, 2014, 2014, .	1.6	26
250	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	2.9	26
251	Measurements of the B^+ , B^0 , B_s^0 meson and Λ_b^0 baryon lifetimes. Journal of High Energy Physics, 2014, 2014, .	1.6	26
252	Angular analysis of charged and neutral $B^0 \rightarrow K^* \pi^+ \pi^- \pi^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26

#	ARTICLE	IF	CITATIONS
253	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664. Measurements of the branching fractions for $B \rightarrow s \tau \nu$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.4	26
254	Measurement of the forward energy flow in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2421.	1.4	25
256	Observation of the decay $B_c^+ \rightarrow J/\psi K + K \bar{\nu}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	25
257	Study of forward Z + jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
258	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
259	Observation of the Annihilation Decay Mode $B \rightarrow \tau \nu$. Physical Review Letters, 2017, 118, 081801.	2.9	25
260	Observation of $B \rightarrow c \tau \nu$ decays. Physical Review Letters, 2017, 118, 081801.	2.9	25
261	Observation of $B \rightarrow D \tau \nu$ decays. Physical Review Letters, 2017, 118, 111803.	2.9	25
262	Measurements of the branching fractions of $B^+ \rightarrow p \bar{K}^0$ decays. European Physical Journal C, 2013, 73, 2462.	1.4	24
263	Observation of $B \rightarrow \tau \nu$ decays and measurement of the θ_{13} mixing angle. Physical Review Letters, 2014, 112, 091802.	0.9	24
264	Observation of $B \rightarrow \tau \nu$ decays and measurement of the θ_{13} mixing angle. Physical Review Letters, 2014, 112, 091802.	2.9	24
265	Measurement of the forward W boson cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
266	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
267	Observations of $\Lambda_b^0 \rightarrow \tau \nu$ and $\Lambda_b^0 \rightarrow K \tau \nu$ decays and searches for other Λ_b^0 and Ξ_b^0 decays to $\tau \nu$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
268	Evidence for the Rare Decay $B \rightarrow \tau \nu$. Physical Review Letters, 2018, 120, 221803.	2.9	24
269	Observation of $B \rightarrow J \tau \nu$ decays. Physical Review Letters, 2019, 122, 152002.	2.9	24
270	Observation of a new baryon state in the $\Lambda_b^0 \rightarrow \pi^+ \pi^-$ mass spectrum. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24

#	ARTICLE	IF	CITATIONS
271	Searches for low-mass dimuon resonances. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24
272	Measurement of the $B^0 \rightarrow B^0$ production asymmetries in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 218-228.	1.5	23
273	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.	1.6	23
274	Measurement of the $B^0 \rightarrow B^0$ production asymmetries in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 218-228.	2.9	23
275	Search for the doubly heavy baryons Ξ_{cc} and Ξ_{bb} decaying to Λ_c and Λ_b . Chinese Physics C, 2021, 45, 093002.	1.5	23
276	Observation of the Mass Difference between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2021, 127, 111801.	2.9	23
277	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.	1.6	22
278	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.	1.5	22
279	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.	1.5	22
280	First observations of $B^0 \rightarrow D^+ D^-$, $D_s^+ D_s^-$ and $D^0 D^0$ decays. Physical Review D, 2013, 87, .	1.6	22
281	Measurement of the $B^0 \rightarrow B^0$ asymmetry in $B^0 \rightarrow B^0$. Physical Review Letters, 2013, 110, 031801.	2.9	22
282	Measurement of the CKM angle β_3 using $B^0 \rightarrow D^+ D^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22
283	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	2.9	22
284	Study of $B^0 \rightarrow B^0$ boson production in association with beauty and charm. Physical Review D, 2015, 92, .	1.6	22
285	Measurement of the $B^0 \rightarrow B^0$ asymmetry in $B^0 \rightarrow B^0$. Physical Review Letters, 2013, 110, 031801.	2.9	22
286	Observation of $B^0 \rightarrow B^0$ Final States. Physical Review Letters, 2012, 108, 151801.	2.9	21
287	Search for Rare $B^0 \rightarrow B^0$ decays. Physical Review Letters, 2012, 108, 151801.	2.9	21
288	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21

#	ARTICLE	IF	CITATIONS
289	Precise measurements of the properties of the $B_1(5721)0,+$ and $B_2^*(5747)0,+$ states and observation of $B_+,0\hat{c}^+$, mass structures. Journal of High Energy Physics, 2015, 2015, 1.	1.6	21
290	A precise measurement of the B^0 meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.4	21
291	Measurement of the properties of the \hat{b}^- baryon. Journal of High Energy Physics, 2016, 2016, .	1.6	21
292	Observation of the decay $B \rightarrow B_s \gamma$ and evidence for $B \rightarrow B_s \gamma$. Physical Review Letters, 2017, 95.	1.6	21
293	Meson Decays to D^0 and D^+ . Physical Review Letters, 2017, 119, 181805.	2.9	21
294	Search for the lepton-flavour violating decays $B_0 \rightarrow \tau^+ \tau^- e^+ e^-$. Journal of High Energy Physics, 2018, 2018, 1.		21
295	Determination of quantum numbers for several excited charmed mesons observed in $B^0 \rightarrow D^{*+} \rho^-$ decays. Physical Review D, 2020, 101, .	1.6	21
296	Observation of a new B_c^0 state. Physical Review D, 2021, 103, .	1.6	21
297	Search for $B_c^0 \rightarrow \tau^+ \tau^-$ violation in B_c^0 decays. Physical Review D, 2013, 86, .		20
298	Measurements of the branching fractions and CP asymmetries of $B^0 \rightarrow \tau^+ \tau^-$ decays. Physical Review D, 2012, 85, .	1.6	20
299	Measurements of the branching fractions and CP asymmetries of $B^0 \rightarrow \tau^+ \tau^-$ decays. Physical Review D, 2012, 85, .	1.5	20
300	Measurements of the branching fractions and CP asymmetries of $B^0 \rightarrow \tau^+ \tau^-$ decays. Physical Review D, 2012, 85, .	1.6	20
301	Measurements of the branching fractions and CP asymmetries of $B^0 \rightarrow \tau^+ \tau^-$ decays. Physical Review D, 2012, 85, .	1.6	20
302	Measurements of the branching fractions and CP asymmetries of $B^0 \rightarrow \tau^+ \tau^-$ decays. Physical Review Letters, 2014, 112, 041801.	2.9	20
303	Measurement of the \hat{b} (3P) mass and of the relative rate of $\hat{b}(1P)$ and $\hat{b}(2P)$ production. Journal of High Energy Physics, 2014, 2014, 1.	1.6	20
304	Search for CP violation in $B_c^0 \rightarrow \tau^+ \tau^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.		20
305	Study of B_c^+ decays to the $K^+ K^0 \pi^+$ final state and evidence for the decay $B_c^+ \rightarrow \tau^+ \rho^0 \pi^+$. Physical Review D, 2016, 94, .	1.6	20
306	Search for the lepton-flavour violating decay $D_0 \rightarrow \tau^+ \tau^- e^+ e^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	1.5	20

#	ARTICLE	IF	CITATIONS
307	Measurement of CP observables in $B^{\pm} \rightarrow DK^{\pm}$ and $B^{\pm} \rightarrow D^{\pm} K^{\pm}$ 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
308	Studies of the resonance structure in $D \rightarrow K^0 K^0$ decays. Physical Review D, 2016, 93, .	1.6	20
309	First Experimental Study of Photon Polarization in Radiative B_s^0 Decays. Physical Review Letters, 2017, 118, 021801.	2.9	20
310	Measurement of the CP Violation Parameter A^{\pm} in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 \bar{K}^0$ Decays. Physical Review Letters, 2017, 118, 261803.	2.9	20
311	Evidence for the decay $B^0 \rightarrow \bar{K}^0 \mu^+ \mu^-$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
312	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
313	Precision measurement of the $B^0 \rightarrow K^+ K^-$ decays. Physical Review D, 2018, 98, .	1.6	20
314	Updated measurement of time-dependent CP -violating observables in $B^0 \rightarrow \psi K^+ K^-$ decays. European Physical Journal C, 2019, 79, 1.	1.4	20
315	Meson in $B^0 \rightarrow K^+ K^-$ decays. Physical Review Letters, 2021, 126, 122002.	2.9	20
316	Measurements of the branching fractions of the decays $B_s^0 \rightarrow D_s^{\pm} \mu^{\pm} \mu^{\mp}$ and $B_s^0 \rightarrow D_s^{\pm} \pi^{\pm} \pi^{\mp}$. Journal of High Energy Physics, 2012, 2012, .	1.6	19
317	First Measurement of the C -Violating Phase in $B^0 \rightarrow K^+ K^-$ Decays. Physical Review Letters, 2013, 110, 241802.	2.9	19
318	Measurement of the branching fractions of the decays $B_s^0 \rightarrow D^0 K^+ K^-$ and $B^0 \rightarrow D^0 K^+ K^-$. Physical Review D, 2013, 87, .	1.6	19
319	Search for CP violation in the decay $B^0 \rightarrow K^+ K^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	1.5	19
320	Resonances and CP violation in $B^0 \rightarrow K^+ K^-$ decays in the mass region above the $\bar{\Lambda}(1020)$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	19
321	First Observation of the Radiative Decay $B^0 \rightarrow K^+ K^- \gamma$. Physical Review Letters, 2019, 123, 031801.	2.9	19
322	Strong constraints on the $b \rightarrow s \gamma$ photon polarisation from $B^0 \rightarrow K^0 e^+ e^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	19
323	Observation of excited baryons in $B^0 \rightarrow K^+ K^-$ decays. Physical Review Letters, 2019, 123, 031801.	1.6	19
324	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.	1.6	18

#	ARTICLE	IF	CITATIONS
325	Measurement of the $B_s^0 \rightarrow J/\psi K^* \ell^+ \ell^-$ branching fraction and angular amplitudes. Physical Review D, 2012, 86, .	1.6	18
326	Measurement of the fraction of $\bar{B}^0(1S)$ originating from $\bar{B}^0(1P)$ decays in pp collisions at $\sqrt{s}=7, \text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	18
327	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ violation in $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2014, 90.	1.6	18
328	Measurement of forward $W^+ \ell^+ \ell^-$ production in pp collisions at $\sqrt{s}=8 \text{ TeV}$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
329	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ violation in $B^0 \rightarrow \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 707, 349-356.	1.5	18
330	\bar{B}^0 and B^0 Resonance Parameters with the Decays $\bar{B}^0 \rightarrow J/\psi K^* \ell^+ \ell^-$. Physical Review Letters, 2017, 119, 221801.	1.6	18
331	Measurement of the mass and production rate of $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2019, 99, .	1.6	18
332	Search for Lepton-Flavor Violating Decays $B^0 \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2019, 123, 241802.	2.9	18
333	Measurement of the effective $B^0 \rightarrow \pi^+ \pi^-$ violation in $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2014, 90.	1.6	18
334	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ violation in $B^0 \rightarrow \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 349-356.	1.6	17
335	Observation of $B^0 \rightarrow \pi^+ \pi^-$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	1.4	17
336	Measurement of the effective $B^0 \rightarrow \pi^+ \pi^-$ violation in $B^0 \rightarrow \pi^+ \pi^-$ decays. Nuclear Physics B, 2013, 873, 475-497.	0.9	17
337	Measurement of the polarization amplitudes in $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2014, 90.	0.9	17
338	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ violation in $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review Letters, 2014, 112, 111802.	1.6	17
339	Search for the decay $B^0 \rightarrow \pi^+ \pi^-$. Journal of High Energy Physics, 2015, 2015, 1.	2.9	17
340	Search for the decay $B^0 \rightarrow \pi^+ \pi^-$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
341	Study of the rare $B^0 \rightarrow \pi^+ \pi^-$ and B^0 decays into the $\bar{B}^0 \rightarrow \pi^+ \pi^-$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 46-55.	1.5	17
342	Measurement of indirect CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 K^+$ decays using semileptonic B decays. Journal of High Energy Physics, 2015, 2015, .	1.6	17

#	ARTICLE	IF	CITATIONS
343	Observation of $\Lambda^0 \rightarrow p K^0$ and $\Lambda^0 \rightarrow n K^0$ decays and a measurement of the Λ^0 baryon lifetime. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
344	First study of the CP-violating phase and decay-width difference in $B^0 \rightarrow \pi^0 \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	1.5	17
345	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
346	Study of charmonium production in $B^0 \rightarrow \pi^0 \pi^0$ hadron decays and first evidence for the decay $B^0 \rightarrow \pi^0 \pi^0$. European Physical Journal C, 2017, 77, 609.	1.4	17
347	Improved limit on the branching fraction of the rare decay $B^0 \rightarrow \mu^+ \mu^-$. European Physical Journal C, 2017, 77, 678.	1.4	17
348	Observation of the $\Lambda^0 \rightarrow p K^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	17
349	Measurement of the B^0 production cross-section in pp collisions at $\sqrt{s} = 7$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, .	1.6	17
350	Search for the rare decay $B^0 \rightarrow \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	1.6	17
351	Measurement of the $B^0 \rightarrow \pi^0 \pi^0$ production cross-section in pp collisions at $\sqrt{s} = 7$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, .	1.6	17
352	Measurement of the $\eta(1S)$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	17
353	Lifetime in the $B^0 \rightarrow \pi^0 \pi^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.		

#	ARTICLE	IF	CITATIONS
361	Observation of the suppressed ADS modes $B \rightarrow \psi(3770) \psi(3770) \psi(3770)$. Journal of High Energy Physics, 2015, 2015, 1.	1.5	15
362	Observation of the decay $B \rightarrow \psi(3770) \psi(3770) \psi(3770)$. Journal of High Energy Physics, 2015, 2015, 1.	1.5	15
363	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. Physical Review Letters, 2014, 113, 082003.	2.9	15
364	Measurement of CP violation parameters and polarisation fractions in $B_s^0 \rightarrow J/\psi K^{\pm} \bar{0}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
365	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ in the K_S^0 region. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
366	Measurement of $B \rightarrow D^* K^{\pm} \pi^{\mp}$ and $B \rightarrow D^* K^{\pm} \pi^{\mp}$ Meson Lifetimes. Physical Review Letters, 2017, 119, 101801.	2.9	15
367	Observation of the suppressed decay $B \rightarrow 0 \hat{a}^{\pm} \hat{a}^{\mp} \hat{a}^{\pm} \hat{a}^{\mp}$. Journal of High Energy Physics, 2017, 2017, 1.	1.5	15
368	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow p \bar{p} \pi^0$. Physical Review Letters, 2017, 119, 232001.	2.9	15
369	Search for excited B_c^+ states. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
370	Measurement of CP observables in $B_{\pm}^0 \rightarrow D(\bar{a}_1) K_{\pm}^{\pm}$ and $B_{\pm}^0 \rightarrow D(\bar{a}_1) \bar{K}_{\pm}^{\pm}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 16-30.	1.5	15
371	Measurement of the Charm-Mixing Parameter γ_{CP} . Physical Review Letters, 2019, 122, 011802.	2.9	15
372	Variation with Proton-Proton Collision Energy and $B \rightarrow D^* K^{\pm} \pi^{\mp}$ decays. Physical Review Letters, 2020, 124, 122002.	2.9	15
373	Search for heavy neutral leptons in $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$, $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ decays. European Physical Journal C, 2021, 81, 1.	1.4	15
374	Measurement of the polarization amplitudes and triple product asymmetries in the $B \rightarrow D^* K^{\pm} \pi^{\mp}$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.5	14
375	Search for CP violation in $D^+ \rightarrow \pi^+ K_S^0 \pi^0$ and $D_s^+ \rightarrow K_S^0 \pi^+ \pi^0$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
376	Study of $B_{(s)}^0 \rightarrow K_{(S)}^0 h^{\pm} h^{\prime \mp}$ decays with first observation of $B_{(s)}^0 \rightarrow K_{(S)}^0 K^{\pm} \pi^{\mp}$ and $B_{(s)}^0 \rightarrow K_{(S)}^0 \pi^{\pm} \pi^{\mp}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
377	A study of the Z production cross-section in pp collisions at $\sqrt{s}=7, \text{TeV}$ using tau final states. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
378	Measurement of C and P violation parameters in $B \rightarrow D^* K^{\pm} \pi^{\mp}$ decays. Physical Review D, 2014, 90, 1.	1.6	14

#	ARTICLE	IF	CITATIONS
379	Measurement of the $B^0 \rightarrow D_s^+ D_s^-$ Meson Lifetime in $D_s^+ \rightarrow K^+ D_s^-$ Decays. Physical Review Letters, 2014, 113, 172001.	2.9	14
380	Observation of charmonium pairs produced exclusively in pp collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002.	1.4	14
381	Measurement of CP asymmetry in $B^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	14
382	Study of CP violation in $B^0 \rightarrow D^+ K^-$ ($h=K, \bar{K}$) with the modes $D^+ \rightarrow K^+ \pi^0, D^+ \rightarrow \pi^+ \pi^0$ and $D^+ \rightarrow K^+ \pi^0$. Physical Review D, 2015, 91, .	1.6	14
383	Measurement of the branching fraction ratio $B(B_c \rightarrow \tau^+ \tau^- (2S) \pi^+) / B(B_c \rightarrow \tau^+ \tau^- \pi^+)$. Physical Review D, 2015, 92, .	1.6	14
384	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.	1.6	14
385	Observation of the $B^0 \rightarrow \pi^0 \pi^0$ decay from an amplitude analysis of $B^0 \rightarrow \pi^+ \pi^- (\pi^+ \pi^-)$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	1.5	14
386	Observation of the $B^0 \rightarrow \pi^+ \pi^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	1.5	14
387	Study of $\bar{\Lambda}(2S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
388	First Observation of a Baryonic $B^0 \rightarrow \Lambda^0 \pi^0$ Decay. Physical Review Letters, 2017, 119, 041802.	1.6	14
389	A measurement of the CP asymmetry difference between $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2018, 2018, .	1.6	14
390	Measurement of the CKM angle $\hat{\beta}_3$ using $B^0 \rightarrow D^+ K^-$ with $D^+ \rightarrow K^+ \pi^0, K^+ \pi^+$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	14
391	Amplitude Analysis of the Decay $B^0 \rightarrow K^+ K^- \pi^0$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K^+ K^- \pi^0$. Physical Review Letters, 2018, 120, 261801.	2.9	14
392	Prompt $b \rightarrow c$ production in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
393	Constraints on the $B^0 \rightarrow K^+ K^- S^0$ branching fraction. Physical Review Letters, 2020, 125, 231801.	1.6	14
394	Search for CP violation in $B^0 \rightarrow K^+ \pi^-$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	1.4	14
395	Measurement of the ratio of branching fractions $R_{K^*} = \frac{B(B^0 \rightarrow K^+ K^{*0})}{B(B^0 \rightarrow K^+ \pi^0)}$. Physical Review Letters, 2020, 125, 231801.	1.6	14

#	ARTICLE	IF	CITATIONS
397	First evidence for the annihilation decay mode $B^+ \rightarrow D_s^+ \pi$. Journal of High Energy Physics, 2013, 2013, .	1.6	13
398	Measurement of the time-dependent CP asymmetry in $B \rightarrow K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 24-31.	1.6	13
399	Search for the rare decay $K_S^0 \rightarrow \mu^+ \mu^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	13
400	Measurement of the asymmetry in $C \rightarrow P$ decays. Journal of High Energy Physics, 2013, 2013, 1.	2.9	13
401	Observation of $B_{s^0} \rightarrow K^* \pi$ and evidence for $B_{s^0} \rightarrow K^* \pi$ decays. New Journal of Physics, 2014, 16, 123001.	1.2	13
402	Search for CP violation in $D^* \rightarrow K^0 K^* \pi$ and $D^* \rightarrow K^0 K^* \pi$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
403	A study of CP violation in $B^* \rightarrow D^* K^0$ and $B^* \rightarrow D^* K^0$ decays with $B^* \rightarrow D^* K^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.5	13
404	Measurement of the $B^* \rightarrow D^* K^0$ decays with $B^* \rightarrow D^* K^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.5	13
405	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow K^* \pi$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
406	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 K^0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	13
407	Observation of the decay $B^0 \rightarrow K^* \pi$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	1.5	13
408	Determination of $\hat{\Gamma}^3$ and charmless two-body decays of beauty mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 1-11.	1.5	13
409	Study of $\hat{\Gamma}^3$ mixing from measurement of $B(s) \rightarrow K^* \pi$ decay rates. Journal of High Energy Physics, 2015, 2015, .	1.6	13
410	Measurement of the ratio of branching fractions $\hat{\Gamma}^3(B^0 \rightarrow K^* \pi) / \hat{\Gamma}^3(B^0 \rightarrow K^* \pi)$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
411	Measurement of the mass and lifetime of the B^0 baryon. Constraints on the unitarity triangle angle $\hat{\Gamma}^3$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
412	Constraints on the unitarity triangle angle $\hat{\Gamma}^3$ from Dalitz plot analysis of $B^0 \rightarrow K^* \pi$ decays. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
413	Study of $D^0 \rightarrow K^* \pi$ mesons decaying to $D^0 \rightarrow K^* \pi$ and $D^0 \rightarrow K^* \pi$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
414	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^* \pi$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	13

#	ARTICLE	IF	CITATIONS
415	First observation of the decay $D_0 \rightarrow K^+ \bar{K}^+ \ell^- \ell^+$ in the \bar{D}^0 region of the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	1.5	13
416	Measurement of $B_0 \rightarrow B^+ B^-$ and $B^+ \rightarrow B^0 \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 139-158.	1.5	13
417	Measurement of CP asymmetry in $B_0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
418	Search for CP violation in $B_0 \rightarrow K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 787, 124-133.	1.6	13
419	Measurement of \bar{D}^0 production in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
420	Measurement of Angular and Asymmetries in $B \rightarrow C^+ P^-$ decays. Physical Review Letters, 2018, 121, 091801.	2.9	13
421	Search for the lepton flavour violating decay $B^+ \rightarrow K^+ \ell^+ \ell^-$, using $B \rightarrow K^+ \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	13
422	Search for the doubly heavy Ξ_{bc}^0 baryon via decays to $D_0 p K^+$. Journal of High Energy Physics, 2020, 2020, 1.	1.6	13
423	First Observation of the Decays $B^0 \rightarrow D^+ K^- \ell^+ \ell^-$ and $B^0 \rightarrow D^0 K^+ \ell^+ \ell^-$. Physical Review Letters, 2012, 108, 161801.	1.6	12
424	Branching fraction and CP asymmetry of the decays $B^0 \rightarrow D^+ K^- \ell^+ \ell^-$ and $B^0 \rightarrow D^0 K^+ \ell^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 119-122.	1.5	12
425	Studies of the decays $B^+ \rightarrow p \bar{K}^0 \ell^+ \ell^-$ and observation of $B^+ \rightarrow p \bar{K}^0 (1520) \ell^+ \ell^-$. Physical Review D, 2013, 88, .	1.6	12
426	Measurement of the charge asymmetry in $B^0 \rightarrow K^+ K^- \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 119-122.	1.5	12
427	Measurement of CP asymmetries and polarisation fractions in $B \rightarrow K^+ K^- \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	12
428	Measurement of the time-dependent CP asymmetries in $B \rightarrow K^+ K^- \ell^+ \ell^-$. Journal of High Energy Physics, 2015, .	1.6	12
429	A new algorithm for identifying the flavour of B_c mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	0.5	12
430	Measurement of $B_c \rightarrow B^+ K^- \ell^+ \ell^-$ decays. Physical Review Letters, 2016, 117, 261801.	2.9	12
431	Search for B_c^+ decays to the $pp \ell^+ \ell^-$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	1.5	12
432	Observation of $B_c \rightarrow D^+ K^0 \ell^+ \ell^-$ decays. Physical Review D, 2017, 95, .	1.6	12

#	ARTICLE	IF	CITATIONS
433	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12
434	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
435	Amplitude analysis of $B^0 \rightarrow \pi^+ \pi^- K^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
436	Measurement of the $B_c \rightarrow B^0 \pi^0$ meson production fraction and asymmetry in 7 and 13 TeV collisions. Physical Review D, 2019, 100, .	1.6	12
437	Study of $B^0 \rightarrow D^* \pi^+ \pi^-$ decays. Physical Review D, 2013, 87, .	1.6	11
438	Effective lifetime measurements in the $B^0 \rightarrow \pi^+ \pi^- K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 446-454.	1.6	11
439	Observation of associated production of a Z boson with a D meson in the forward region. Journal of High Energy Physics, 2014, 2014, .	1.6	11
440	Search for the decay $B^0 \rightarrow \pi^+ \pi^- K^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 234-243.	1.6	11
441	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ branching fraction and search for the decay $B^0 \rightarrow \pi^+ \pi^-$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	11
442	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. European Physical Journal C, 2015, 75, 595.	1.4	11
443	Measurements of charm mixing and $B^0 \rightarrow \pi^+ \pi^-$ violation using $B^0 \rightarrow \pi^+ \pi^- D^0$. Physical Review D, 2017, 95, .	1.6	11
444	Observation of the decay $B^0 \rightarrow \pi^+ \pi^- K^0$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	1.6	11
445	New algorithms for identifying the flavour of B^0 mesons using pions and protons. European Physical Journal C, 2017, 77, 238.	1.4	11
446	First measurement of the CP-violating phase ϕ_{s1} in $B^0 \rightarrow \pi^+ \pi^- (K^+ \pi^-) (K^+ \pi^+)$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
447	Search for CP violation using triple product asymmetries in $B^0 \rightarrow \pi^+ \pi^- K^0$, $B^0 \rightarrow \pi^+ \pi^- K^+ K^-$ and $B^0 \rightarrow \pi^+ \pi^- K^+ K^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
448	First observation of $B^0 \rightarrow D^+ s^- + K^+ K^-$ decays and a search for $B^0 \rightarrow D^+ s^- + \pi^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
449	Amplitude analysis of the $B_{(s)}^0 \rightarrow K^0 \overline{K}^0$ decays and measurement of the $B^0 \rightarrow K^0 \overline{K}^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
450	Measurements of CP asymmetries in charmless four-body Λ_b^0 and Ξ_b^0 decays. European Physical Journal C, 2019, 79, 1.	1.4	11

#	ARTICLE	IF	CITATIONS
451	Search for the rare decay $B^+ \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$. European Physical Journal C, 2019, 79, 1.	1.4	11
452	A search for $\chi_{c0} \rightarrow D^+ p \bar{K}^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
453	Measurement of the Λ_b^0 angular distribution and the Λ_b^0 polarisation in pp collisions. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
454	Precise determination of the $B_s^0 \rightarrow \overline{B}_s^0$ oscillation frequency. Nature Physics, 2022, 18, 1-5.	6.5	11
455	Study of $Z \rightarrow B_s^0 \overline{B}_s^0$ Bosons Produced in Association with Charm in the Forward Region. Physical Review Letters, 2022, 128, 082001.	2.9	11
456	First observation of the decays $B^0 \rightarrow D_s^+ K^0$ and $B^0 \rightarrow D_s^+ K^0$. Physical Review D, 2012, 86, 16	1.6	10
457	Measurement of the effective $B^0 \rightarrow D_s^+ K^0$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 393-399.	1.6	10
458	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow p \bar{\Lambda}^-$. Journal of High Energy Physics, 2013, 2013, .	1.6	10
459	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.	1.5	10
460	Evidence for the two-body charmless baryonic decay $B^+ \rightarrow p \bar{\Lambda}^-$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
461	Study of $\overline{B}^0 \rightarrow D^+ K^-$ correlations in high energy proton-proton collisions. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
462	Observation of $B^0 \rightarrow D^+ K^-$ decays. Physical Review D, 2018, 98, .	1.6	10
463	Search for a dimuon resonance in the \bar{D}^0 mass region. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
464	Measurements of the branching fractions of $B^0 \rightarrow D^+ K^-$, $B^0 \rightarrow D^+ K^-$, and $B^0 \rightarrow D^+ K^-$. Journal of High Energy Physics, 2018, 2018, .	1.6	10
465	Measurement of branching fractions of charmless four-body $B^0 \rightarrow D^+ K^-$ and $B^0 \rightarrow D^+ K^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
466	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^+ K^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
467	Measurement of C -Violating and Mixing-Induced Observables in $B^0 \rightarrow D^+ K^-$ Decay. Physical Review Letters, 2019, 123, 232001.	2.9	10
468	Measurement of Charged Hadron Production in $Z \rightarrow q \bar{q}$ -Tagged Jets in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2019, 123, 232001.	2.9	10

#	ARTICLE	IF	CITATIONS
469	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at $\sqrt{s_{NN}}=8.16$ TeV. Physical Review Letters, 2020, 125, 212001. Search for $C \rightarrow P$ violation and observation of $P \rightarrow b$ violation in C meson decays to charged pions and kaons. Journal of High Energy Physics, 2021, 2021, 1.	2.9	10
470	Search for the doubly charmed baryon Ξ_{cc} . Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	1.6	10
471	Measurement of the Nuclear Modification Factor and Prompt Charged Particle Production in Pb and Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2015, 115, 051801.	2.0	10
473	Observation of Two New Excited B_c States Decaying to B_s^0 and B_s^+ . Journal of High Energy Physics, 2013, 2013, 1.	2.9	10
474	States Decaying to B_s^0 and B_s^+ . Journal of High Energy Physics, 2013, 2013, 1.	2.9	10
475	First observation of the decay $B_s^0 \rightarrow \phi \overline{K}^{*0}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	9
476	First observations of the rare decays $B \rightarrow \hat{\alpha}^+ K + \bar{\ell} + \bar{\ell} \hat{\alpha}^+ \hat{1}/4 + \hat{1}/4 \hat{\alpha}^+$ and $B \rightarrow \hat{\alpha}^+ \bar{\ell} K + \hat{1}/4 + \hat{1}/4 \hat{\alpha}^+$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	9
477	Observation of the $B_s^0 \rightarrow \hat{1} \hat{\alpha}^2 \hat{\alpha}^2$ Decay. Physical Review Letters, 2015, 115, 051801.	2.9	9
478	Search for the $\hat{1} b^0 \hat{\alpha} \hat{\alpha}^+ \hat{\alpha}^2$ and $\hat{1} b^0 \hat{\alpha} \hat{\alpha}^+ \hat{\alpha}^2$ decays with the LHCb detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	9
479	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
480	Model-independent measurement of the CKM angle $\hat{1}^3$ using $B^0 \rightarrow \hat{\alpha}^+ D K^+ \rightarrow 0$ decays with $D \rightarrow \bar{\ell} + \bar{\ell} \hat{\alpha}^+$ and $K \rightarrow 0 K^+ \hat{\alpha}^+$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	9
481	Search for the suppressed decays $B \rightarrow \hat{\alpha}^+ K + \bar{\ell} \hat{\alpha}^+$ and $B \rightarrow \hat{\alpha}^+ \bar{\ell} + \bar{\ell} K^+$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	1.5	9
482	Observation of the Decay $\hat{1} b^0 \rightarrow \hat{\alpha}^+ p \bar{K}^+ \bar{K}^+$. Physical Review Letters, 2017, 118, 071801.	2.9	9
483	Measurement of CP violation in $B^0 \rightarrow \hat{\alpha}^+ \bar{\ell} K^0 S$ and $B^0 \rightarrow \hat{\alpha}^+ \bar{\ell} (2S) K^0 S$ decays. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
484	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
485	Measurement of the $Y(nS)$ polarizations in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
486	Search for lepton-flavour-violating decays of Higgs-like bosons. European Physical Journal C, 2018, 78, 1008.	1.4	9

#	ARTICLE	IF	CITATIONS
487	Observation of the decay $B_s^0 \rightarrow K^+ K^-$. Physical Review D, 2018, 98, .	1.6	9
488	Search for CP Violation in $D_s \rightarrow K^0 K^+$, $D \rightarrow K^0 K^+$, and $D \rightarrow K^+ K^0$ Decays. Physical Review Letters, 2019, 122, 191803.	2.9	9
489	Measurement of $B \rightarrow K^* K^0$ violation in $B \rightarrow K^* K^0$ decays. Physical Review Letters, 2021, 126, 091802.	2.9	9
490	Study of $B \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2021, 2021, 1.	1.6	9
491	Search for long-lived particles decaying to $e^+ \mu^+ \nu_e \nu_\mu$. European Physical Journal C, 2021, 81, 1.	1.4	9
492	Measurement of CP violation in the Decay $B \rightarrow K^* K^0$. Physical Review Letters, 2021, 126, 091802.	2.9	9
493	Measurement of CP observables in $B \rightarrow D^* K^{\pm}$ and $B \rightarrow D^* K^0$ decays using two-body D final states. Journal of High Energy Physics, 2021, 2021, 1.	1.6	9
494	Observation of new excited B_c^0 states. European Physical Journal C, 2021, 81, .	1.4	9
495	Search for time-dependent CP violation in $B \rightarrow K^* K^0$ decays. Physical Review D, 2021, 104, .	1.6	9
496	Observation of the $B \rightarrow K^* K^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	8
497	Search for the rare decays $B \rightarrow K^* K^0$ and $B \rightarrow K^* K^0$. Physical Review D, 2015, 92, .	1.6	8
498	Measurement of the CKM angle $\hat{\beta}$ using $B \rightarrow D^* K^0$ with $D \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	8
499	Observation of the $B \rightarrow K^* K^0$ decay. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
500	Observation of charmless baryonic decays $B \rightarrow K^* K^0$. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	1.5	8
501	Measurement of CP asymmetries in $D \rightarrow K^* K^0$ and $D \rightarrow K^* K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	1.5	8
502	Observation of the decay $B \rightarrow K^* K^0$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
503	Search for B_c^+ decays to two charm mesons. Nuclear Physics B, 2018, 930, 563-582.	0.9	8
504	Observation of the decay $B \rightarrow K^* K^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 101-111.	1.5	8

#	ARTICLE	IF	CITATIONS
505	Precision measurement of the B_c^+ meson mass. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
506	Updated measurement of decay-time-dependent CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^+ \bar{K}^-$ decays. Physical Review D, 2020, 101, .	1.6	8
507	Measurement of $\psi(2S)$ production cross-sections in proton-proton collisions at $\sqrt{s} = 7$ TeV and $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, .	1.4	8
508	Search for the doubly charmed baryon χ_{cc}^+ in the $\chi_{cc}^+ \rightarrow \pi^+ \pi^+ \pi^0$ final state. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8
509	Limits on neutral Higgs boson production in the forward region in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7
510	Searches for $B_{(s)}^0 \rightarrow \pi^+ \pi^- \pi^0$ and $B \rightarrow \pi^+ \pi^- \pi^0$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7
511	Search for the decay $B_s^0 \rightarrow D^* \bar{K}^0$. Physical Review D, 2013, 87, .	1.6	7
512	First observation and measurement of the branching fraction for the decay $B \rightarrow D^* K^0$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	7
513	Search for the CP-violating strong decays $B \rightarrow \pi^+ \pi^- \pi^0$ and $B \rightarrow \pi^+ \pi^- \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 233-240.	1.5	7
514	Measurement of forward $B \rightarrow \pi^+ \pi^- \pi^0$ decays. Journal of High Energy Physics, 2017, 2017, 1.	1.5	7
515	Observation of $B \rightarrow \pi^+ \pi^- \pi^0$ and $B \rightarrow \pi^+ \pi^- \pi^0$. European Physical Journal C, 2017, 77, 72.	1.4	7
516	Measurement of CP observables in $B \rightarrow D^* K^0$ decays using two- and four-body D final states. Journal of High Energy Physics, 2017, 2017, 1.	1.6	7
517	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 S$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	7
518	Search for weakly decaying b -flavored pentaquarks. Physical Review D, 2018, 97, .	1.6	7
519	Study of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decay with an amplitude analysis of $B^0 \rightarrow \pi^+ (\pi^- \pi^0) (K^+ \bar{K}^0)$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
520	Observation of the $\Lambda_b^0 \rightarrow \pi^+ \pi^- \pi^0$ (3872) ρ^0 decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
521	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
522	Measurement of the electron reconstruction efficiency at LHCb. Journal of Instrumentation, 2019, 14, P11023-P11023.	0.5	7

#	ARTICLE	IF	CITATIONS
523	Measurement of the shape of the $B_s^0 \rightarrow D_s^* \mu^+ \mu^-$ differential decay rate. Journal of High Energy Physics, 2020, 2020, 1.	1.6	7
524	Publisher's Note: Evidence for CP violation in Time-Integrated $D^0 \rightarrow \pi^+ \pi^-$ decay rates [Phys. Rev. Lett. 108, 111602 (2012)]. Physical Review Letters, 2012, 108, .	2.9	6
525	Measurement of CP observables in $B^0 \rightarrow DK^* \rightarrow 0$ with $D^* \rightarrow K^+ K^-$. Journal of High Energy Physics, 2013, 2013, 16	1.6	6
526	Study of $B^0 \rightarrow D^* \mu^+ \mu^-$ decay. Physical Review D, 2015, 92, .	1.6	6
527	Determination of the branching fractions of $B^0 \rightarrow D^* S^* K^+$ and $B^0 \rightarrow D^* S^* K^+$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
528	Measurement of the $B^0 \rightarrow D^* \mu^+ \mu^-$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 484-492.	1.5	6
529	Observation of $B_s^0 \rightarrow D^* K^0$ and Evidence for $B_s^0 \rightarrow D^* K^0$ Decays. Physical Review Letters, 2016, 116, 161802.	2.9	6
530	Measurement of the B_{Δ}^{\pm} production asymmetry and the CP asymmetry in $B_{\Delta}^{\pm} \rightarrow J/\psi K_{\Delta}^{\pm}$ decays. Physical Review D, 2017, 95, .	1.6	6
531	Search for Baryon-Number Violating $\tilde{L} \rightarrow b \nu$ Oscillations. Physical Review Letters, 2017, 119, 181807.	2.9	6
532	Updated branching fraction measurements of $B^0 \rightarrow (s) K^0 \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2017, 2017, .	1.6	6
533	Observation of the decay $B^0 \rightarrow \pi^+ \pi^-$ and evidence for $B^0 \rightarrow \pi^+ \pi^-$. Journal of High Energy Physics, 2017, .	1.6	6
534	Measurement of $Z \rightarrow \bar{l} l, \tau^+ \tau^-$ production in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
535	Measurement of the branching fractions of the decays $D^+ \rightarrow K^+ K^+$, $D^+ \rightarrow \bar{K}^0 K^+$ and $D^+ \rightarrow \bar{K}^0 K^+$. Journal of High Energy Physics, 2019, 2019.	1.6	6
536	Measurement of the CP-violating phase Γ from $B^0 \rightarrow D^* \mu^+ \mu^-$. Physics Letters, Sec	1.5	6
537	Measurement of CP violation in the $B_s^0 \rightarrow \phi \phi$ decay and search for the $B^0 \rightarrow \bar{l} l$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
538	Measurement of the CKM angle $\hat{\beta}_3$ in $B_{\Delta}^{\pm} \rightarrow D K_{\Delta}^{\pm}$ and $B_{\Delta}^{\pm} \rightarrow D \bar{K}_{\Delta}^{\pm}$ decays with $D^* \rightarrow K^+ K^-$. Journal of High Energy Physics, 2021, 2021, 1.	1.6	6
539	Search for $B^0 \rightarrow C^+ P^-$ violation in $B^0 \rightarrow D^* \mu^+ \mu^-$. Physics Letters, Sec	1.6	6
540	Measurement of the relative branching fractions of $B^0 \rightarrow D^* \mu^+ \mu^-$. Physical Review D, 2020, 102, .	1.6	6

#	ARTICLE	IF	CITATIONS
541	Study of B_c^+ decays to charmonia and three light hadrons. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
542	Measurement of $\Lambda_c(3872)$ production in proton-proton collisions at $\sqrt{s} = 8$ and 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
543	Measurement of the photon polarization in $B_c^+ \rightarrow \gamma \ell^+ \ell^-$ decays. Physical Review D, 2022, 105, .	1.6	6
544	Performance of the LHCb RICH detectors during LHC Run 2. Journal of Instrumentation, 2022, 17, P07013.	0.5	6
545	First observation of the rare $B \rightarrow D^+ K^0 \ell^+ \ell^-$ decay. Physical Review D, 2016, 93, .	1.6	5
546	Measurement of the $B_s \rightarrow D_s^* \ell^+ \ell^-$ branching fractions. Physical Review D, 2016, 93, .	1.6	5
547	First observation of the decay $B \rightarrow D^+ K^0 K^0 \ell^+ \ell^-$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1. 5		
548	Measurement of D^{\pm} s production asymmetry in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
549	Measurement of the ratio of branching fractions of the decays $B \rightarrow D^+ K^0 \ell^+ \ell^-$ and $B \rightarrow D^+ K^0 \ell^+ \ell^-$. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
550	Measurement of CP observables in the process $B^0 \rightarrow D^+ K^0$ with two- and four-body D decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
551	Measurement of the ratio of branching fractions of the decays $B \rightarrow D^+ K^0 \ell^+ \ell^-$ and $B \rightarrow D^+ K^0 \ell^+ \ell^-$. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5

#	ARTICLE	IF	CITATIONS
559	Observation of the semileptonic decay $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$. Journal of High Energy Physics, 2020, 2020.	1.6	4
560	Observation of the suppressed $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$ decay with $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$ decay. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
561	Search for the $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$ decay. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
562	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$ and $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
563	Measurement of the branching fraction and CP asymmetry in $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$ decays. European Physical Journal C, 2019, 79, 1.	1.4	3
564	Measurement of the relative $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$ branching fractions using B_c^+ mesons from $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$ decays. Physical Review D, 2019, 99, .	1.6	3
565	Measurement of the branching fraction of the decay $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
566	First observation of the decay $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
567	Measurement of the branching fraction and CP asymmetry in $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
568	Modeling of Solid State Detectors Using Advanced Multi-Threading: The TCoDe and TFBoost Simulation Packages. Frontiers in Physics, 2022, 10, .	1.0	3
569	Measurement of the charm mixing parameter $ V_{cb} $ using two-body $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$ decays. Physical Review D, 2022, 105, 014012.	1.6	3
570	Angular Analysis of $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$. Physical Review Letters, 2022, 128, .	1.6	3
571	A method to measure the absolute branching fractions of $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$ decays. European Physical Journal C, 2014, 74, 1.	1.4	2
572	The magnetic distortion calibration system of the LHCb RICH1 detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 735, 44-52.	0.7	2
573	First observation of forward $Z \rightarrow \mu^+ \mu^-$ production in pp collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 430-439.	1.5	2
574	Measurement of the CP asymmetry in $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$ and $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	2
575	Observation of the doubly Cabibbo-suppressed decay $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$. Journal of High Energy Physics, 2019, 2019, 1.	1.6	2
576	Observation of the $B_c^+ \rightarrow \bar{c} \mu^+ \nu_\mu$ decay. Journal of High Energy Physics, 2021, 2021, 1.	1.6	2

#	ARTICLE	IF	CITATIONS
577	Search for the rare decay $B^0 \rightarrow J/\psi \pi^+ \pi^-$. Chinese Physics C, 2021, 45, 043001.	1.5	2
578	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7, 8, 13$ TeV. , 2012, 2012, 1.		2
579	Measurement of CP violation in $B^0 \rightarrow D^+ D^{\mp} D^{\mp}$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
580	First measurement of the CP-violating phase in $B^0 \rightarrow J/\psi \pi^+ \pi^-$. Physical Review Letters, 2022, 127, 011801.	1.4	2
581	Identification of charm jets at LHCb. Journal of Instrumentation, 2022, 17, P02028.	0.5	2
582	Photoproduction in Pb-Pb peripheral collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2022, 1000, 174625.	1.1	2
583	Observation of the decay $B^0 \rightarrow D^+ D^{\mp} D^{\mp}$. Physical Review D, 2022, 105, 012001.	1.6	2
584	Search for massive long-lived particles decaying semileptonically at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, .	1.4	2
585	Centrality determination in heavy-ion collisions with the LHCb detector. Journal of Instrumentation, 2022, 17, P05009.	0.5	2
586	LHCb Collaboration. Nuclear Physics A, 2014, 932, 621-626.	0.6	1
587	LHCb Collaboration. Nuclear Physics A, 2017, 967, 987-993.	0.6	1
588	Observation of the decay $B^0 \rightarrow \chi_{c2} K^+ K^-$ in the J/ψ mass region. Journal of High Energy Physics, 2018, 2018, 1.	1.6	1
589	Observation of the $B^0 \rightarrow c + K^+ \bar{K}^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136172.	1.5	1
590	Observation of the decay $\Lambda_b^0 \rightarrow \pi^+ \pi^- \bar{K}^0$. Journal of High Energy Physics, 2021, 2021, 1.	1.6	1
591	CKM matrix and CP violation in charm and beauty. , 2016, , .		1
592	Measurement of branching fraction ratios for $B^+ \rightarrow D^{*+} D^{\mp} K^+$, $B^+ \rightarrow D^{*+} D^{\mp} K^+$, and $B^0 \rightarrow D^{*+} D^{\mp} K^+$ decays. Journal of High Energy Physics, 2020, 2020, .	1.6	1
593	Search for the decay $B^0 \rightarrow \tau^+ \tau^-$. Journal of High Energy Physics, 2022, 2022, 1.	1.6	1
594	Studies of soft QCD at LHCb. EPJ Web of Conferences, 2013, 49, 16002.	0.1	0

#	ARTICLE	IF	CITATIONS
595	Production and spectroscopy at LHCb. EPJ Web of Conferences, 2014, 70, 00037.	0.1	0
596	TCoDe: A new multithread simulator for silicon sensors in HEP applications. , 2019, , .		0
597	Timing optimization for 3D silicon sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162491.	0.7	0
598	LHCb Collaboration. Nuclear Physics A, 2021, 1005, 122093.	0.6	0
599	First observation of the decay $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^- \pi^0$. Journal of High Energy Physics, 2022, 2022, 1.	1.6	0
600	Observation of $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^- \pi^0$ and $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^- \pi^0$ decays. Journal of High Energy Physics, 2022, 2022, 1.	1.6	0
601	Updated search for B_c^+ decays to two charm mesons. Journal of High Energy Physics, 2021, 2021, 1.	1.6	0