

# Francesca Dordei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3626950/publications.pdf>

Version: 2024-02-01

578  
papers

26,169  
citations

8749

75  
h-index

12585

132  
g-index

591  
all docs

591  
docs citations

591  
times ranked

9481  
citing authors

#	ARTICLE	IF	CITATIONS
1	Test of Lepton Universality Using $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle mml:msup \langle mml:mi B \rangle \langle mml:mo + \rangle \langle mml:msup \langle mml:mo stretchy="false">\hat{\tau} \rangle \langle mml:mo \rangle \langle mml:msup \langle mml:mi K \rangle \langle mml:mo + \rangle \langle mml:msup \langle mml:msup \langle mml:mo \hat{\alpha} \rangle \langle mml:mo \rangle \langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle mml:mrow \langle mml:mi J \rangle \langle mml:mi p \rangle \langle mml:mrow \rangle \langle mml:math \rangle Resonances Consistent with Pentaquark States in \langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle mml:mrow \langle mml:msubsup \langle mml:mrow \langle mml:mi mathvariant="script" \rangle B \rangle \langle mml:mo$	2.9	845
2	Observation of $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle mml:mrow \langle mml:msubsup \langle mml:mrow \langle mml:mi mathvariant="script" \rangle B \rangle \langle mml:mo$	2.9	816
3			

#	ARTICLE	IF	CITATIONS
19	<a href="#">Measurement of the Ratio of Branching Fractions <math>\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi mathvariant="script" \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mo</math></a>		

#	ARTICLE	IF	CITATIONS
37	Measurement of $\langle \sigma \rangle$ and $\langle \sigma \rangle$ hadron production fractions in $7\text{ TeV}$ collisions. Physical Review Letters, 2013, 110, 242001.	1.6	116
38	Evidence for the decay $B \rightarrow K \pi^+ \pi^-$ . Journal of High Energy Physics, 2013, 2013, 1.	0.9	114
39	Search for Dark Photons Produced in $13\text{ TeV}$ Collisions. Physical Review Letters, 2018, 120, 061801.	2.9	113
40	Differential branching fraction and angular analysis of the decay $B \rightarrow K^* \pi^+ \pi^-$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	111
41	Updated measurements of exclusive $J/\psi$ and $\psi(2S)$ production cross-sections in $pp$ collisions at $\sqrt{s} = 7\text{ TeV}$ . Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 055002.	1.4	111
42	Model-Independent Study of Structure in $B \rightarrow D^* \pi^+ \pi^-$ Decays. Physical Review Letters, 2020, 125, 242001.	2.9	111
43	Measurement of the $B \rightarrow D^* \pi^+ \pi^-$ production cross-sections in $pp$ collisions at $\sqrt{s} = 7\text{ TeV}$ . Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 055002.	2.9	110
44	Measurement of the $B \rightarrow D^* \pi^+ \pi^-$ production cross-sections in $pp$ collisions at $\sqrt{s} = 7\text{ TeV}$ . Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 055002.	2.9	108
45	Measurement of the $B \rightarrow D^* \pi^+ \pi^-$ production cross-sections in $pp$ collisions at $\sqrt{s} = 7\text{ TeV}$ . Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 055002.	1.2	108
46	Study of the doubly charmed tetraquark $T_{cc}^+$ . Nature Communications, 2022, 13, .	5.8	107
47	Measurement of $\psi'$ production in $pp$ collisions at $\sqrt{s} = 7\text{ TeV}$ . European Physical Journal C, 2012, 72, 2025.	1.4	106
48	Search for Majorana Neutrinos in $B \rightarrow K^* \pi^+ \pi^-$ Decays. Physical Review Letters, 2014, 112, 131802.	2.9	106
49	First Observation of $B \rightarrow D^* \pi^+ \pi^-$ Violation in the Decays of $B \rightarrow D^* \pi^+ \pi^-$ . Physical Review Letters, 2013, 110, 221601.	2.9	105
50	Exclusive $J/\psi$ and $\psi(2S)$ production in $pp$ collisions at $\sqrt{s} = 7\text{ TeV}$ . Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045001.	1.4	104
51	Observation of double charm production involving open charm in $pp$ collisions at $\sqrt{s} = 7\text{ TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	1.6	103
52	Differential branching fraction and angular analysis of the decay $B \rightarrow K^* \pi^+ \pi^-$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	103
53	Model-Independent Evidence for $B \rightarrow D^* \pi^+ \pi^-$ Contributions to $B \rightarrow D^* \pi^+ \pi^-$ . Physical Review Letters, 2013, 110, 221601.	2.9	102
54	Measurement of $B \rightarrow D^* \pi^+ \pi^-$ Violation in the Phase Space of $B \rightarrow D^* \pi^+ \pi^-$ . Physical Review Letters, 2013, 111, 101801.	2.9	101

#	ARTICLE	IF	CITATIONS
55	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1. Dalitz plot analysis of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2012, 109, 172003.	1.6	100
56	Observation of excited $\Lambda(1520)$ baryons. Physical Review Letters, 2012, 109, 172003.	1.6	99
57	Angular Analysis of the $B \rightarrow D^0 \pi^+ \pi^-$ Decay. Physical Review Letters, 2012, 109, 172003.	2.9	98
58	Amplitude analysis of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2012, 109, 172003.	2.9	96
59	Amplitude analysis of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2012, 109, 172003.	2.9	93
60	Amplitude analysis of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2012, 109, 172003.	1.6	92
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	89
62	Measurement of $\tilde{\chi}(2S)$ meson production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2100.	1.4	83
63	Study of D J meson decays to $D^0 \pi^+ \pi^-$ , $D^0 \pi^+ \pi^0$ and $D^0 \pi^+ \pi^+ \pi^-$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	1.6	82
64	Measurement of the $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2012, 109, 172003.	2.9	82
65	Differential branching fraction and angular analysis of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2015, 2015, .	1.6	82
66	Search for the Decays $B \rightarrow D^0 \pi^+ \pi^-$ and $B \rightarrow D^0 \pi^+ \pi^0$ . Physical Review Letters, 2012, 109, 172003.	2.9	81
67	Dalitz plot analysis of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2012, 109, 172003.	2.9	80
68	Dalitz plot analysis of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2012, 109, 172003.	1.6	80
69	Measurement of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2012, 109, 172003.	1.6	79
70	Violation in the Phase Space of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2014, 112, 011801.	2.9	78
71	Search for Structure in the $B \rightarrow D^0 \pi^+ \pi^-$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	2.9	78
72	Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	1.5	77

#	ARTICLE	IF	CITATIONS
73	Observation of a New $\chi$ Resonance. <i>Physical Review Letters</i> , 2012, 109, 232001. Branching Fraction Measurements of the Rare $B \rightarrow K^* \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2018, 121, 011801.	2.9	77
74	Measurement of the $B \rightarrow K^* \mu^+ \mu^-$ Decay. <i>Physical Review Letters</i> , 2018, 121, 011801.	2.9	77
75	Measurements of the $B \rightarrow K^* \mu^+ \mu^-$ Decay. <i>Physical Review Letters</i> , 2018, 121, 011801.	2.9	76
76	Measurement of the $B \rightarrow K^* \mu^+ \mu^-$ Decay. <i>Physical Review Letters</i> , 2018, 121, 011801.	2.9	75
77	Observation of CP violation in $B \rightarrow K^* \mu^+ \mu^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 712, 203-212.	1.6	75
78	Measurements of the S-wave fraction in $B \rightarrow K^* \mu^+ \mu^-$ decays and the $B \rightarrow K^* \mu^+ \mu^-$ differential branching. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	75
79	Measurement of resonant and non-resonant $B \rightarrow K^* \mu^+ \mu^-$ components in $B \rightarrow K^* \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	74
80	Study of $J/\psi$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	74
81	Measurement of resonant and non-resonant $B \rightarrow K^* \mu^+ \mu^-$ components in $B \rightarrow K^* \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	73
82	Measurement of the $\eta_c(1S)$ production cross-section in proton-proton collisions via $\eta_c(1S) \rightarrow \mu^+ \mu^-$ . <i>Physical Review Letters</i> , 2012, 109, 232001.		

#	ARTICLE	IF	CITATIONS
91	Analysis of the resonant components in $B_c^0 \rightarrow B_c^0 \gamma$ decays. <i>Physical Review Letters</i> , 2012, 108, 241801.	1.6	65
92	Search for the $B_c^0 \rightarrow B_c^0 \gamma$ decay. <i>Physical Review Letters</i> , 2012, 108, 241801.	1.6	65
93	Measurement of the isospin asymmetry in $B_c^0 \rightarrow B_c^0 \gamma$ decays. <i>Journal of High Energy Physics</i> , 2012, 2012, 165.		
94	Precision measurement of D meson mass differences. <i>Journal of High Energy Physics</i> , 2013, 2013, .	1.6	65
95	Production of $J/\psi$ and $\Upsilon$ mesons in pp collisions at $\sqrt{s}=8$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	65
96	Observation of $D_{s1}^0 \rightarrow D_s^0 \gamma$ decay. <i>Physical Review Letters</i> , 2013, 110, 101801.	2.9	65
97	Measurement of $B_c^0 \rightarrow B_c^0 \gamma$ violation in the three-body phase space of charmless $B_c^0 \rightarrow B_c^0 \gamma$ decays. <i>Physical Review Letters</i> , 2013, 110, 101801.	1.6	65
98	Precision measurement of $B_c^0 \rightarrow B_c^0 \gamma$ violation in $B_c^0 \rightarrow B_c^0 \gamma$ decays. <i>Physical Review Letters</i> , 2013, 110, 101801.	2.9	65
99	First Observation of the Decay $B_c^0 \rightarrow B_c^0 \gamma$ . <i>Physical Review Letters</i> , 2012, 108, 251802.	2.9	62
100	Determination of the Sign of the Decay Width Difference in the $B_c^0 \rightarrow B_c^0 \gamma$ System. <i>Physical Review Letters</i> , 2012, 108, 241801.	2.9	61
101	Measurement of $B_c^0 \rightarrow B_c^0 \gamma$ in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , 2012, 108, 241801.	2.9	61
102	Analysis of the resonant components in $B_c^0 \rightarrow B_c^0 \gamma$ decays. <i>Physical Review D</i> , 2013, 87, .	1.6	60
103	Measurement of forward $J/\psi$ production cross-sections in pp collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	60
104	Precision measurement of the $B_c^0 \rightarrow B_c^0 \gamma$ oscillation frequency with the decay $B_c^0 \rightarrow B_c^0 \gamma$ . <i>New Journal of Physics</i> , 2013, 15, 053021.	1.2	59
105	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s}=8$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, .	1.6	59
106	Measurement of b-hadron masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 708, 241-248.	1.5	58
107	Opposite-side flavour tagging of B mesons at the LHCb experiment. <i>European Physical Journal C</i> , 2012, 72, 2022.	1.4	58
108	Evidence for an $\eta_c(1S) \pi^+ \pi^-$ resonance in $B^0 \rightarrow \eta_c(1S) \pi^+ \pi^-$ .		

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109	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. Journal of High Energy Physics, 2012, 2012, .	1.6	56
110	Observation of a Resonance in $B \rightarrow \pi^+ \pi^- \pi^0$ decays. Physical Review Letters, 2013, 111, 112003. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	2.9	56
111	Measurement of the branching fraction of $B \rightarrow \pi^+ \pi^- \pi^0$ decays. Physical Review Letters, 2013, 111, 112003. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	1.6	55
112	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2019, 122, 231802.	2.9	55
113	Measurement of the branching fraction of $B \rightarrow \pi^+ \pi^- \pi^0$ decays. Physical Review Letters, 2013, 111, 112003. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	1.5	54
114	Study of the $D^0 \rightarrow \pi^+ \pi^- \pi^0$ amplitude in $b \rightarrow c \bar{c} s$ decays. Journal of High Energy Physics, 2017, 2017, 11.6		54
115	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	1.4	54
116	Measurement of the cross-section for $Z \rightarrow e^+ e^-$ production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	53
117	Measurement of $\psi(2S)$ polarisation in $pp$ collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2014, 74, 2872.	1.4	53
118	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^+ \bar{K}^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	52
119	Measurement of the exclusive $\Upsilon$ production cross-section in pp collisions at $\sqrt{s}=7$ TeV and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	52
120	Measurement of the $b \rightarrow c$ Quark Production Cross Section in 7 and 13 TeV $pp$ collisions. Physical Review Letters, 2017, 118, 052002.	2.9	52
121	Measurement of the branching fraction of $B \rightarrow \pi^+ \pi^- \pi^0$ decays. Physical Review Letters, 2013, 111, 112003. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	2.9	51
122	Measurement of the phase difference between short- and long-distance amplitudes in the $B \rightarrow K^+ K^- \pi^0$ decay. European Physical Journal C, 2017, 77, 161.	1.4	51
123	Measurement of $b \rightarrow c$ hadron fractions in 13 TeV $pp$ collisions. Physical Review Letters, 2017, 118, 052002. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	1.6	51
124	Measurement of the branching fraction of $B \rightarrow \pi^+ \pi^- \pi^0$ decays. Physical Review Letters, 2013, 111, 112003. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	1.6	51
125	Differential Branching Fraction and Angular Analysis of the Decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ . Physical Review Letters, 2012, 108, 181806.	2.9	50
126	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



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127	Search for the doubly charmed baryon $\Xi_{cc}^{++}$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
128	Precision measurement of the ratio of the $\frac{\sigma(\text{pp} \rightarrow \text{B}^0 \text{B}^0)}{\sigma(\text{pp} \rightarrow \text{B}^0 \text{B}^+ \text{B}^-)}$ to $\frac{\sigma(\text{pp} \rightarrow \text{B}^0 \text{B}^0)}{\sigma(\text{pp} \rightarrow \text{B}^0 \text{B}^+ \text{B}^-)}$	1.5	50
129	First observation and amplitude analysis of the $\text{B}^0 \rightarrow \text{K}^0 \text{K}^0$ $\text{B}^0 \rightarrow \text{K}^0 \text{K}^0$ $\text{B}^0 \rightarrow \text{K}^0 \text{K}^0$ $\text{B}^0 \rightarrow \text{K}^0 \text{K}^0$	1.6	50
130	First Evidence of Direct $\text{B}^0 \rightarrow \text{K}^0 \text{K}^0$ Two-Body Decays of $\text{B}^0 \rightarrow \text{K}^0 \text{K}^0$ Violation in Charmless $\text{B}^0 \rightarrow \text{K}^0 \text{K}^0$ Physical Review Letters, 2012, 108, 201601.	2.9	49
131	Searches for Majorana neutrinos in $\text{B}^0$ decays. Physical Review D, 2012, 85, .	1.6	49
132	Measurements of long-range near-side angular correlations in $\text{p} \rightarrow \text{p} \text{N}$ proton-lead collisions in the forward region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics. 2016, 762, 473-483.	1.5	49
133	Observation of New Resonances in the $\text{B}^0 \rightarrow \text{K}^0 \text{K}^0$ $\text{B}^0 \rightarrow \text{K}^0 \text{K}^0$ $\text{B}^0 \rightarrow \text{K}^0 \text{K}^0$	2.9	49
134	Measurement of the cross-section ratio $\frac{\sigma(\text{pp} \rightarrow \text{B}^0 \text{B}^0)}{\sigma(\text{pp} \rightarrow \text{B}^0 \text{B}^+ \text{B}^-)}$ $\frac{\sigma(\text{pp} \rightarrow \text{B}^0 \text{B}^0)}{\sigma(\text{pp} \rightarrow \text{B}^0 \text{B}^+ \text{B}^-)}$		

#	ARTICLE	IF	CITATIONS
145	Observation of New $\Lambda_c^+$ Baryons Decaying to $\Lambda^0 p$ and $\Lambda^0 n$ . Tests of Lepton Universality Using $B \rightarrow K^* S$ . Physical Review Letters, 2020, 124, 082002.	2.9	45
146	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	1.4	44
148	First Observation of Excited $B_c^+$ Meson Lifetime using $B_c^+ \rightarrow \mu^+ \nu_\mu X$ . European Physical Journal C, 2014, 74, 2839.	2.9	44
149	Measurement of the $B_c^+$ meson lifetime using $B_c^+ \rightarrow \mu^+ \nu_\mu X$ . European Physical Journal C, 2014, 74, 2839.	1.4	43
150	Study of $\chi_{c1}$ and $\chi_{c2}$ meson production in $p\bar{p}$ collisions at $\sqrt{s} = 7$ and $8$ TeV. European Physical Journal C, 2014, 74, .	1.4	43
151	Measurement of the $B_c^+$ meson lifetime using $B_c^+ \rightarrow \mu^+ \nu_\mu X$ . European Physical Journal C, 2014, 74, 2839.	1.4	43
152	Observation of an Excited $B_c^+$ Meson State. Physical Review Letters, 2019, 122, 232001.	1.4	43
153	Constraints on light vector mediators through coherent elastic neutrino nucleus scattering data from COHERENT. Journal of High Energy Physics, 2021, 2021, 1.	1.6	43
154	Measurement of the Difference of Time-Integrated $B \rightarrow C^+ P^-$ Asymmetries in $B \rightarrow D^+ D^-$ decays. Journal of High Energy Physics, 2020, 1.	2.9	42
155	Study of the $\tilde{\chi}_{c2}(3823)$ and $\tilde{\chi}_{c1}(3872)$ states in $B^+ \rightarrow (\tilde{\chi}_{c2}^+ \rightarrow \mu^+ \nu_\mu) K^+$ decays. Journal of High Energy Physics, 2020, 1.	1.6	42
156	Amplitude analysis of the $B_c^+ \rightarrow \mu^+ \nu_\mu X$ decay. Physical Review D, 2020, 101, .	1.6	42
157	First observation of the decay $B_c^+ \rightarrow \mu^+ \nu_\mu \psi(K^+)$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	41
158	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	1.4	41
159	Measurement of Antiproton Production in $pp$ Collisions at $\sqrt{s} = 7$ and $8$ TeV. Physical Review Letters, 2018, 121, 222001.	2.9	41
160	Measurement of the CP-violating phase $\arg(V_{cb} V_{cs}^*)$ . Physical Review Letters, 2018, 121, 222001.	1.5	40
161	Precision Measurement of the Mass and Lifetime of the $B_c^+$ Meson. Physical Review Letters, 2014, 113, 242002.	2.9	39
162	Study of the kinematic dependences of $\tilde{\chi}_{c1} b^0$ production in $pp$ collisions and a measurement of the $\tilde{\chi}_{c1} b^0 \rightarrow \mu^+ \nu_\mu c$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39

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163	Study of $J/\psi$ production in jets. Physical Review Letters, 2017, 118, 192001.	2.9	39
164	Search for beautiful tetraquarks in the $\psi(1S)$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	39
165	Search for $D_s^*$ production asymmetry in 7 TeV pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 902-909.	2.9	38
166	Measurement of the $D_s^*$ production asymmetry in 7 TeV pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 902-909.	2.9	38
167	Amplitude Analysis of $B \rightarrow \psi(1S) K^0$ Decays. Physical Review Letters, 2019, 123, 231802.	2.9	38
168	Measurement of the forward-backward asymmetry in $Z \rightarrow \psi(1S) + \psi(1S)$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37
169	Production of associated $\Upsilon$ and open charm hadrons in pp collisions at $\sqrt{s} = 7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	1.6	37
170	Prompt and nonprompt $J/\psi$ 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
171	Reinterpreting the weak mixing angle from atomic parity violation in view of the Cs neutron rms radius measurement from COHERENT. Physical Review D, 2019, 99, .	1.6	37
172	First observation of the decay $B \rightarrow \psi(1S) K^0$ . Journal of High Energy Physics, 2012, 2012, 1.	1.6	36
173	Measurement of the relative rate of prompt $J/\psi$ production at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	36
174	Amplitude analysis and branching fraction measurement of $B \rightarrow \psi(1S) K^0$ . Physical Review D, 2013, 87, .	1.6	36
175	Precision Measurement of the Mass and Lifetime of the $\Omega_b$ Baryon. Physical Review Letters, 2014, 113, 032001.	2.9	36
176	First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow \psi(1S) K^0$ decay. Journal of High Energy Physics, 2015, 2015, .	1.6	36
177	Physics results from the first COHERENT observation of coherent elastic neutrino-nucleus scattering in argon and their combination with cesium-iodide data. Physical Review D, 2020, 102, .	1.6	36
178	Measurement of the CKM angle $\beta$ from a combination of $B \rightarrow \psi(1S) K^0$ analyses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 151-163.	1.5	35
179	Measurement of the differential branching fraction of the decay $B \rightarrow \psi(1S) K^0$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 253-255.	1.5	35
180	Evidence for the decay $B \rightarrow \psi(1S) K^0$ and measurement of the relative branching fractions of $B \rightarrow \psi(1S) K^0$ and $B \rightarrow \psi(1S) K^*$ . Physical Review Letters, 2014, 113, 032001.	0.9	35

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181	Precision Measurement of the $\Lambda_b^0$ Lifetime. Physical Review Letters, 2013, 111, 102003.	1.6	35
182	Observation of the $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
183	Model-independent confirmation of the $Z \rightarrow b\bar{b}$ stretch. Physical Review Letters, 2015, 115, 021801.	1.6	35
184	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
185	Search for the doubly charmed baryon $\Xi_{cc}^{++}$ . Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	35
186	Measurement of the flavour-specific CP-violating asymmetry $A_{CP}^{\text{meas}}$ in $B \rightarrow \pi^0 \mu^+ \mu^-$ . Physical Review Letters, 2015, 115, 021801.	1.5	34
187	Measurement of the flavour-specific CP-violating asymmetry $A_{CP}^{\text{meas}}$ in $B \rightarrow \pi^0 \mu^+ \mu^-$ . Physical Review Letters, 2015, 115, 021801.	1.5	34
188	Measurement of the flavour-specific CP-violating asymmetry $A_{CP}^{\text{meas}}$ in $B \rightarrow \pi^0 \mu^+ \mu^-$ . Physical Review Letters, 2015, 115, 021801.	1.5	34
189	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
190	Measurement of the $J/\psi$ pair production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	34
191	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
192	Measurement of the CP-violating phase $\arg(V_{cb} V_{ub}^*)$ in $B \rightarrow \pi^0 \mu^+ \mu^-$ . Physical Review Letters, 2015, 115, 021801.	1.5	33
193	Search for direct CP violation in $B \rightarrow \pi^0 \mu^+ \mu^-$ . Physical Review Letters, 2015, 115, 021801.	1.5	33
194	Search for the rare decay $B \rightarrow D^* \mu^+ \mu^-$ modes using semileptonic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	1.5	33
195	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
196	Study of $\Upsilon$ 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
197	Measurement of forward $Z \rightarrow e^+ e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
198	Precision measurement of the $\Xi_{cc}^{++}$ mass. Journal of High Energy Physics, 2020, 2020, 1.	1.6	33

#	ARTICLE	IF	CITATIONS
199	Observation of the Decay $B \rightarrow \tau \nu$ . Physical Review Letters, 2012, 109, 111801.	2.9	33
200	Search for the rare decays $B \rightarrow \tau \nu$ and $B \rightarrow \tau \nu$ . Physical Review Letters, 2012, 109, 111801.	2.9	33
201	Search for the Lepton-Flavor-Violating Decays $B \rightarrow \tau \nu$ and $B \rightarrow \tau \nu$ . Physical Review Letters, 2013, 111, 011801.	2.9	32
202	Search for the Lepton-Flavor-Violating Decays $B \rightarrow \tau \nu$ and $B \rightarrow \tau \nu$ . Physical Review Letters, 2013, 111, 011801.	2.9	32
203	Measurement of the Semileptonic $B \rightarrow \tau \nu$ Decay. Physical Review D, 2013, 87, 012001.	1.6	32
204	Search for the lepton flavour violating decay $B \rightarrow \tau \nu$ . Journal of High Energy Physics, 2015, 2015, 148.	1.6	32
205	Observation of Several Sources of $B \rightarrow \tau \nu$ Violation in $B \rightarrow \tau \nu$ . Physical Review D, 2014, 90, 012001.	1.6	31
206	Measurement of the ratio of fragmentation fractions and of $B \rightarrow \tau \nu$ ratio of fragmentation fractions and of $B \rightarrow \tau \nu$ . Physical Review D, 2014, 90, 012001.	1.6	31
207	Measurement of the CP-violating phase $\beta$ in $B \rightarrow \tau \nu$ . Physical Review D, 2014, 90, 012001.	1.5	31
208	Measurement of the CP-violating phase $\beta$ in $B \rightarrow \tau \nu$ . Physical Review D, 2014, 90, 012001.	1.5	31
209	Neutrino, electroweak, and nuclear physics from COHERENT elastic neutrino-nucleus scattering with refined quenching factor. Physical Review D, 2020, 101, .	1.6	31
210	Test of lepton universality with $B \rightarrow \tau \nu$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	31
211	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7-8$ TeV in the forward region. European Physical Journal C, 2012, 72, 1.	1.4	30
212	Measurement of $J/\psi$ production in pp collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	30
213	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 $B \rightarrow K^* \pi^0 \pi^0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
218	Measurement of the $B \rightarrow K^* \pi^0 \pi^0$ branching fraction. Physical Review Letters, 2015, 115, 031601.	2.9	30
219	Forward production of $\Upsilon$ mesons in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
220	Angular analysis of the $B^0 \rightarrow K^{*0} e^+ e^-$ decay in the low- $q^2$ region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
221	Central exclusive production of $J/\psi$ and $\psi(2S)$ mesons in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, .	1.6	30
222	Study of $D_{s1}$ decays to $D^* K^0$ and $D^0 K^+$ final states in pp collisions. Journal of High Energy Physics, 2012, 2012, .	1.6	29
223	Measurement of relative branching fractions of B decays to $\psi(2S)$ and $J/\psi$ mesons. European Physical Journal C, 2012, 72, 2118.	1.4	29
224	Measurement of the $B \rightarrow K^* \pi^0 \pi^0$ branching fraction. Physical Review Letters, 2015, 115, 031601.	2.9	29
225	Measurement of the $B \rightarrow K^* \pi^0 \pi^0$ branching fraction. Physical Review Letters, 2015, 115, 031601.	2.9	29
226	Measurement of the CKM angle $\beta_3$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
227	Measurement of the shape of the $B^0 \rightarrow K^* \pi^0 \pi^0$ differential decay rate. Physical Review D, 2017, 96, .	1.6	29
228	Near-threshold $D^0 \overline{D}^0$ spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	1.6	29
229	Measurement of the $B \rightarrow K^* \pi^0 \pi^0$ branching fraction. Physical Review Letters, 2015, 115, 031601.	1.6	29
230	Measurement of the $B^0 \rightarrow K^* \pi^0 \pi^0$ 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 $B_{s^0} \rightarrow K^* \pi^0 \pi^0$ 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 $B^0 \rightarrow K^* \pi^0 \pi^0$ and $B^0 \rightarrow K^* \pi^0 \pi^0$ . Physical Review Letters, 2017, 119, 062001.	2.9	28
234	Studies of the resonance structure in $D^0 \rightarrow K^* \pi^0 \pi^0$ decays. European Physical Journal C, 2018, 78, 443.	1.4	28

#	ARTICLE	IF	CITATIONS
235	Measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \langle \text{mml:mo stretchy="false" \rangle   \langle \text{mml:mo} \langle \text{mml:msub} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle V \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \rangle c \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false" \rangle   \langle \text{mml:mo} \langle \text{mml:mrow} \langle \text{mml:math} \rangle \text{with} \langle \text{mml:math} \rangle \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"}$	1.6	28
236	First Observation of the Decay $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msubsup} \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle s \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle \langle \text{mml:msubsup} \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false" \rangle \hat{a}^\dagger \langle \text{mml:mo} \rangle \langle \text{mml:msup} \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{a}^\dagger \langle \text{mml:mo} \rangle \langle \text{mml:msup} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{a}^\dagger \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 1/4 \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"}$	2.9	27
237	First Observation of the Decay $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msup} \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 0 \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{a}^\dagger \langle \text{mml:mo} \rangle \langle \text{mml:msup} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{a}^\dagger \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 1/4 \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"}$	2.9	27
238	Measurement of CP violation and constraints on the CKM angle $\hat{1}^3$ in $B \hat{a}^\dagger DK \hat{a}^\pm$ with $D \hat{a}^\dagger K S O \hat{I} \hat{e} + \hat{I} \hat{e} \hat{a}^\pm$ decays. Nuclear Physics B, 2014, 888, 169-193.	1.5	27
239	Evidence for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{Violation in} \langle \text{mml:math} \rangle \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"}$	0.9	27
240	Measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msup} \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{a}^\dagger \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mover} \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{accent="true"}$	2.9	27
241	Measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{Violation in} \langle \text{mml:math} \rangle \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"}$	1.4	27
242	Measurement of prompt hadron production ratios in pp collisions at $\sqrt{s} = 0.9$ mbox{ and } 7 TeV. European Physical Journal C, 2012, 72, 1.	2.9	27
243	Measurement of mixing and CP violation parameters in two-body charm decays. Journal of High Energy Physics, 2012, 2012, 1.	1.4	26
244	Measurement of CP asymmetries in the decays $B^0 \hat{a}^\dagger K^* \hat{1}/4 + \hat{1}/4 \hat{a}^\pm$ and $B^+ \hat{a}^\dagger K^+ \hat{1}/4 + \hat{1}/4 \hat{a}^\pm$ . Journal of High Energy Physics, 2014, 2014, .	1.6	26
245	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	2.9	26
246	Measurements of the $B^+$ , $B^0$ , $B_s^0$ meson and $\Lambda_b^0$ baryon lifetimes. Journal of High Energy Physics, 2014, 2014, .	1.6	26
247	Angular analysis of charged and neutral $B \hat{a}^\dagger K \hat{1}/4 + \hat{1}/4 \hat{a}^\pm$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26
248	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	1.4	26
249	Measurement of the forward energy flow in pp collisions at $\sqrt{s} = 7$ mbox{TeV}. European Physical Journal C, 2013, 73, 2421.	1.4	25
250	Observation of the decay $B_c^+ \hat{a}^\dagger J/\psi K + K \hat{a}^\pm \hat{I} e^+$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	25
251	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
252			

#	ARTICLE	IF	CITATIONS
253	Searches for $\Lambda_b^0$ and $\Xi_b^0$ decays to $K_{\text{S}}^* \pi^0$ and $K_{\text{S}}^* \pi^+$ final states with first observation of the $\Lambda_b^0$ $K_{\text{S}}^* \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
254	Evidence for the Strangeness-Changing Weak Decay $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ . Physical Review Letters, 2017, 118, 091801.	2.9	25
255	Observation of the Annihilation Decay Mode $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ . Physical Review Letters, 2017, 118, 091801.	2.9	25
256	Observation of $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ and $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^0$ Decays. Physical Review Letters, 2017, 118, 111803.	2.9	25
257	Measurements of the branching fractions of $B^+ \rightarrow \rho^+ K^+$ decays. European Physical Journal C, 2013, 73, 2462.	1.4	24
258	Observations of $B^+ \rightarrow \rho^+ K^+$ decays. European Physical Journal C, 2013, 73, 2462.	0.9	24
259	Observation of $B^+ \rightarrow \rho^+ K^+$ decays and Measurement of the $\theta_{13}$ Mixing Angle. Physical Review Letters, 2014, 112, 091802.	2.9	24
260	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
261	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
262	Observations of $\Lambda_b^0 \rightarrow \Lambda_c^+ K^-$ and $\Lambda_b^0 \rightarrow \Lambda_c^+ K^0$ decays and searches for other $\Lambda_b^0$ and $\Sigma_b^0$ decays to $\Lambda_c^+ K^-$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
263	Evidence for the Rare Decay $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ . Physical Review Letters, 2017, 118, 091801.	2.9	24
264	Model-independent Observation of Exotic Contributions to $\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-$ Decays. Physical Review Letters, 2019, 122, 152002.	2.9	24
265	Observation of a new baryon state in the $\Lambda_b^0$ mass spectrum. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24
266	Searches for low-mass dimuon resonances. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24
267	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
268	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
269	Measurement of the $\Lambda_b^0$ Baryon Lifetime. Physical Review Letters, 2018, 121, 092003.	2.9	23
270	Search for the doubly heavy baryons $\Lambda_{cc}^+$ and $\Lambda_{bb}^0$ decaying to $\Lambda_c^+ \pi^-$ and $\Lambda_b^0 \pi^0$ . Chinese Physics C, 2021, 45, 093002.	1.5	23



#	ARTICLE	IF	CITATIONS
271	Observation of the Mass Difference between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2021, 127, 111801.	2.9	23
272	Measurement of the $B_{\hat{\pm}}$ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. A model-independent partial fit analysis of $B_{\hat{\pm}}$	1.6	22
273	Model-independent partial fit analysis of $B_{\hat{\pm}}$ with $D$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	1.5	22
274	Model-independent search for CP violation in $B_{\hat{\pm}}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	1.5	22
275	First observations of $B_{\hat{\pm}} \rightarrow D^{\pm} D^{\pm}$ , $D_s + D_s^{\pm}$ and $D^0 D^0$ decays. Physical Review D, 2013, 87, .	1.6	22
276	Measurement of the $C \rightarrow P$ Asymmetry in $B_{\hat{\pm}}$ decays. Physical Review Letters, 2013, 110, 031801.	2.9	22
277	Measurement of the CKM angle $\hat{\beta}$ using $B_{\hat{\pm}} \rightarrow DK_{\hat{\pm}}$ with $D \rightarrow K^0 \bar{K}^0$ , $K^0 \bar{K}^0 + K^{\pm} \bar{K}^{\pm}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22
278	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	2.9	22
279	Study of $W$ boson production in association with beauty and charm. Physical Review D, 2015, 92.	1.6	22
280	Measurement of the $C \rightarrow P$ Asymmetry in $B_{\hat{\pm}}$ decays. Physical Review Letters, 2013, 110, 031801.	2.9	22
281	Observation of $B_{\hat{\pm}} \rightarrow J/\psi K^{\pm}$ Final States. Physical Review Letters, 2012, 108, 151801.	2.9	21
282	Search for Rare $B_{\hat{\pm}} \rightarrow s$ decays. Physical Review Letters, 2012, 108, 151801.	2.9	21
283	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
284	Precise measurements of the properties of the $B(5721)_{0,+}$ and $B(5747)_{0,+}$ states and observation of $B_{\hat{\pm}}$ mass structures. Journal of High Energy Physics, 2015, 2015, 1.	1.6	21
285	A precise measurement of the $B^0$ meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.4	21
286	Measurement of the properties of the $\hat{b}$ baryon. Journal of High Energy Physics, 2016, 2016, .	1.6	21
287	Observation of the decay $B_{\hat{\pm}} \rightarrow \bar{D}^{\pm} K^{\pm}$ and evidence for $B_{\hat{\pm}} \rightarrow \bar{D}^{\pm} K^{\pm}$ . Physical Review Letters, 2017, 119, 181805.	1.6	21
288	Meson Decays to $\bar{D}^{\pm} K^{\pm}$ and $\bar{D}^{\pm} K^{\pm}$ . Physical Review Letters, 2017, 119, 181805.	2.9	21

#	ARTICLE	IF	CITATIONS
289	Search for the lepton-flavour violating decays $B_0(s) \rightarrow e^+ \tau^- \mu^+ \nu_{\tau}$ . Journal of High Energy Physics, 2018, 2018, 1.		21
290	Determination of quantum numbers for several excited charmed mesons observed in $B^+ \rightarrow D^{*+} \bar{c} \ell^+ \bar{\nu}_{\ell}$ decays. Physical Review D, 2020, 101, .	1.6	21
291	Observation of a new $B^0 \rightarrow \mu^+ \mu^- \nu_{\mu} \bar{\nu}_{\mu}$ state. Physical Review D, 2021, 103, 1.	1.6	21
292	Search for the lepton-flavour violating decays $B^0 \rightarrow \mu^+ \tau^- \nu_{\tau}$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
293	Search for the lepton-flavour violating decays $B^0 \rightarrow \mu^+ \tau^- \nu_{\tau}$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
294	Measurements of the branching fractions and CP asymmetries of $B^0 \rightarrow \mu^+ \mu^- \nu_{\mu} \bar{\nu}_{\mu}$ and $B^0 \rightarrow \mu^+ \mu^- \nu_{\mu} \bar{\nu}_{\mu} (2S)$ decays. Physical Review D, 2012, 85, .	1.6	20
295	Measurements of the branching fractions and CP asymmetries of $B^0 \rightarrow \mu^+ \mu^- \nu_{\mu} \bar{\nu}_{\mu}$ and $B^0 \rightarrow \mu^+ \mu^- \nu_{\mu} \bar{\nu}_{\mu} (2S)$ decays. Physical Review D, 2012, 85, .	1.6	20
296	Measurements of the branching fractions and CP asymmetries of $B^0 \rightarrow \mu^+ \mu^- \nu_{\mu} \bar{\nu}_{\mu}$ and $B^0 \rightarrow \mu^+ \mu^- \nu_{\mu} \bar{\nu}_{\mu} (2S)$ decays. Physical Review D, 2012, 85, .	2.9	20
297	Measurement of the $\bar{b} \rightarrow b$ (3P) mass and of the relative rate of $\bar{b} \rightarrow b(1P)$ and $\bar{b} \rightarrow b(2P)$ production. Journal of High Energy Physics, 2014, 2014, 1.	1.6	20
298	Study of $B_c^+$ decays to the $K^+ K^0 \ell^+ \nu_{\ell}$ final state and evidence for the decay $B_c^+ \rightarrow K^+ \ell^+ \nu_{\ell}$ . Physical Review D, 2016, 94, .	1.6	20
299	Search for the lepton-flavour violating decay $D_0 \rightarrow \tau^+ e^- \mu^+ \nu_{\tau}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	1.5	20
300	Search for the lepton-flavour violating decay $D_0 \rightarrow \tau^+ e^- \mu^+ \nu_{\tau}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	1.5	20
301	Measurement of CP observables in $B^0 \rightarrow D^+ K^0$ and $B^0 \rightarrow D^0 K^+$ 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
302	Studies of the resonance structure in $B^0 \rightarrow D^+ K^0$ and $B^0 \rightarrow D^0 K^+$ with two- and four-body D decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	1.6	20
303	First Experimental Study of Photon Polarization in Radiative $B_s^0$ Decays. Physical Review Letters, 2017, 118, 021801.	2.9	20
304	Measurement of the CP Violation Parameter $A_{FB}^{\ell}$ in $D_0 \rightarrow K^+ K^0 \ell^+ \bar{\nu}_{\ell}$ and $D_0 \rightarrow K^0 K^+ \ell^+ \bar{\nu}_{\ell}$ Decays. Physical Review Letters, 2017, 118, 261803.	2.9	20
305	Evidence for the decay $B^0 \rightarrow S^0 \bar{K}^0 \mu^+ \mu^-$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
306	Measurement of CP asymmetries in two-body $B(s) \rightarrow \ell^+ \ell^-$ meson decays to charged pions and kaons. Physical Review D, 2018, 98, .	1.6	20

#	ARTICLE	IF	CITATIONS
307	Precision measurement of the $\langle \mathcal{P} \rangle$ of $\Lambda^0$ decaying into $\Lambda^0 \rightarrow p \bar{n}$ and $\Lambda^0 \rightarrow n \bar{p}$ channels. <i>Physical Review Letters</i> , 2019, 122, 122002.	1.6	20
308	Updated measurement of time-dependent $\mathcal{CP}$ -violating observables in $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	20
309	Observation of a New Excited $\Lambda(1520)$ State. <i>Physical Review Letters</i> , 2021, 126, 122002.	2.9	20
310	Probing light mediators and $(g \hat{a} \sim 2)^{1/4}$ through detection of coherent elastic neutrino nucleus scattering at COHERENT. <i>Journal of High Energy Physics</i> , 2022, 2022, .	1.6	20
311	Measurements of the branching fractions of the decays $B_{s^0} \rightarrow D_{s^0} \pi^+ \pi^-$ and $B_{s^0} \rightarrow D_{s^0} \pi^+ \pi^0$ . <i>Journal of High Energy Physics</i> , 2012, 2012, .	1.6	19
312	First Measurement of the $\mathcal{CP}$ -Violating Phase in $B^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2013, 110, 241802.	2.9	19
313	Measurement of the branching fractions of the decays $B_s^0 \rightarrow D^+ \pi^-$ and $B_s^0 \rightarrow D^0 \pi^+$ . <i>Physical Review D</i> , 2013, 87, .	1.6	19
314	Search for $\mathcal{CP}$ violation in the decay $B^0 \rightarrow \pi^+ \pi^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 728, 585-595.	1.5	19
315	Resonances and $\mathcal{CP}$ violation in $B \rightarrow D \pi$ and $B \rightarrow D^* \pi$ decays in the mass region above the $\bar{\Lambda}(1020)$ . <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	19
316	First Observation of the Radiative Decay $B^0 \rightarrow \pi^+ \pi^- \gamma$ . <i>Physical Review Letters</i> , 2019, 123, 031801.	2.9	19
317	Design and construction of a new detector to measure ultra-low radioactive-isotope contamination of argon. <i>Journal of Instrumentation</i> , 2020, 15, P02024-P02024.	0.5	19
318	Strong constraints on the $b \rightarrow s \gamma$ photon polarisation from $B^0 \rightarrow K^* \pi^0 e^+ e^-$ decays. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	19
319	Observation of excited $\Lambda(1520)$ State. <i>Physical Review Letters</i> , 2021, 126, 122002.	1.6	19
320	Measurement of the $B_s^0 \rightarrow \pi^+ \pi^-$ branching fraction and angular amplitudes. <i>Physical Review D</i> , 2012, 86, .	1.6	18
321	Measurement of the fraction of $\Lambda(1520)$ originating from $\Lambda(1520) \rightarrow p \bar{n}$ decays in $pp$ collisions at $\sqrt{s} = 7, 8$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	18
322	Measurement of $\mathcal{CP}$ violation in $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2014, 90, .	1.6	18
323	Measurement of forward $W \rightarrow e \nu$ production in $pp$ collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	18
324	Observation of $B^0 \rightarrow \pi^+ \pi^- \gamma$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 728, 585-595.	1.5	18

#	ARTICLE	IF	CITATIONS
325	$\tilde{\chi}_{c1}$ and $\tilde{\chi}_{c2}$ Resonance Parameters with the Decays $\tilde{\chi}_{c1,2} \rightarrow \tilde{\chi}_{c1,2} \gamma$ . Physical Review Letters, 2017, 119, 221801.	1.6	18
326	Measurement of the mass and production rate of $\tilde{\chi}_{c1}$ baryons. Physical Review D, 2019, 99, .	1.6	18
327	Search for Lepton-Flavor Violating Decays $B \rightarrow \tau^+ K^+ \tilde{\nu}_\tau$ . Physical Review Letters, 2019, 123, 241802.	2.9	18
328	First branching fraction measurement of the suppressed decay $\tilde{\chi}_{c1} \rightarrow \tilde{\chi}_{c1} \gamma$ . Physical Review D, 2020, 102, .	1.6	18
329	SiPM-matrix readout of two-phase argon detectors using electroluminescence in the visible and near infrared range. European Physical Journal C, 2021, 81, 1.	1.4	18
330	Measurement of the effective $B \rightarrow s$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 349-356.	1.7	17
331	Observation of $B^0 \rightarrow B^0$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	1.4	17
332	Measurement of the effective $B \rightarrow K$ lifetime. Nuclear Physics B, 2013, 373, .	0.9	17
333	Measurement of the polarization amplitudes in $B \rightarrow K$ decays. Nuclear Physics B, 2015, 373, .	0.9	17
334	Measurement of the polarization amplitudes in $B \rightarrow K$ decays. Nuclear Physics B, 2015, 373, .	1.6	17
335	Search for the decay $B \rightarrow D^0 \gamma$ . Physical Review Letters, 2014, 112, 111802.	2.9	17
336	Search for the decay $B \rightarrow D^0 \gamma$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
337	Study of the rare $B \rightarrow B^0$ and $B^0$ decays into the $\tilde{\chi}_{c1} \rightarrow \tilde{\chi}_{c1} \gamma$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 46-55.	1.5	17
338	Measurement of indirect CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 \bar{K}^0$ decays using semileptonic B decays. Journal of High Energy Physics, 2015, 2015, .	1.6	17
339	Observation of $\tilde{\chi}_{c1} \rightarrow \tilde{\chi}_{c1} \gamma$ and $\tilde{\chi}_{c2} \rightarrow \tilde{\chi}_{c2} \gamma$ decays and a measurement of the $\tilde{\chi}_{c1}$ baryon mass. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
340	First study of the CP-violating phase and decay-width difference in $B \rightarrow K$ decays. Nuclear Physics B, 2017, 373, .	1.5	17
341	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
342	Study of charmonium production in $B \rightarrow \phi \phi \phi$ hadron decays and first evidence for the decay $B \rightarrow \phi \phi \phi$ . European Physical Journal C, 2017, 77, 609.	1.4	17

#	ARTICLE	IF	CITATIONS
343	Improved limit on the branching fraction of the rare decay $\mathcal{B}(\text{K}^0 \rightarrow \mu^+ \mu^-)$ . European Physical Journal C, 2017, 77, 678.	1.4	17
344	Observation of the $\text{K}^0 \rightarrow \mu^+ \mu^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	17
345	Measurement of the $\text{B}^0 \rightarrow \mu^+ \mu^-$ production cross-section in pp collisions at $\sqrt{s} = 7$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, .	1.6	17
346	Search for the rare decay $\text{B}^0 \rightarrow \mu^+ \mu^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.6	17
347	Measurement of the $\text{B}^0 \rightarrow \mu^+ \mu^-$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.6	17
348	Measurement of the $\text{B}^0 \rightarrow \mu^+ \mu^-$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	17
349	New insights into nuclear physics and weak mixing angle using electroweak probes. Physical Review C, 2021, 104, .	1.1	17
350	Measurement of the $\text{B}^0 \rightarrow \mu^+ \mu^-$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.		

#	ARTICLE	IF	CITATIONS
361	Measurement of CP violation parameters and polarisation fractions in $B_s^0 \rightarrow J/\psi K^0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
362	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
363	Measurement of $B \rightarrow D^* K$ and $B \rightarrow D^* \pi$ decays. Journal of High Energy Physics, 2017, 2017, 1.	2.9	15
364	Observation of the suppressed decay $B^0 \rightarrow \rho^+ \rho^- \pi^+ \pi^-$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
365	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow p \bar{p}$ . Physical Review Letters, 2017, 119, 232001.	2.9	15
366	Search for excited $B_c^+$ states. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
367	Measurement of CP observables in $B^0 \rightarrow D^0 K^0$ and $B^0 \rightarrow D^0 \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 16-30.	1.5	15
368	Measurement of the Charm-Mixing Parameter $\gamma_{CP}$ . Physical Review Letters, 2019, 122, 011802.	2.9	15
369	Variation with Proton-Proton Collision Energy and $B \rightarrow D^* K$ decays. Physical Review Letters, 2020, 124, 122002.	2.9	15
370	Search for heavy neutral leptons in $W^+ \rightarrow \mu^+ \mu^+ \mu^-$ , $W^+ \rightarrow \mu^+ \mu^+ \mu^- \nu$ decays. European Physical Journal C, 2021, 81, 1.	1.4	15
371	Measurement of the polarization amplitudes and triple product asymmetries in the $B \rightarrow D^* K$ decays. Physical Review Letters, 2021, 126, 122002.	1.5	14
372	Search for CP violation in $D^+ \rightarrow \pi^+ \rho^0$ and $D_s^+ \rightarrow K^+ \rho^0$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
373	Study of $B_{(s)}^0 \rightarrow K_{(S)}^0 h^+ h^-$ decays with first observation of $B_{(s)}^0 \rightarrow K_{(S)}^0 K^+ \pi^-$ and $B_{(s)}^0 \rightarrow K_{(S)}^0 \pi^+ \pi^-$ . Journal of High Energy Physics, 2013, 2013, .	1.6	14
374	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
375	Measurement of $B \rightarrow C^+ P^-$ violation parameters in $B \rightarrow D^* K$ decays. Physical Review D, 2014, 90, .	1.6	14
376	Measurement of the $B^0$ Meson Lifetime in $D_s^+ \rightarrow B^0$ Decays. Physical Review Letters, 2014, 113, 172001.	2.9	14
377	Observation of charmonium pairs produced exclusively in $pp$ collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002.	1.4	14
378	Measurement of CP asymmetry in $B_s^0 \rightarrow D_s^+ K^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	14

#	ARTICLE	IF	CITATIONS
379	Study of CP violation in $B \rightarrow D^* h$ ( $h=K, \bar{K}$ ) with the modes $D^* K^{\pm} \bar{K}^{\pm}$ and $D^* K^{\pm} K^{\pm}$ . Physical Review D, 2015, 91, .	1.6	14
380	Measurement of the branching fraction ratio $B(B_c \rightarrow \bar{D}^* (2S) \bar{K}^+)/B(B_c \rightarrow \bar{D}^* \bar{K}^+)$ . Physical Review D, 2015, 92, .	1.6	14
381	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
382	Observation of the $B \rightarrow D^* \bar{D}^* \bar{D}^* \bar{D}^*$ decay from an amplitude analysis of $B \rightarrow D^* (\bar{K}^+ \bar{K}^+)$ ( $\bar{K}^+ \bar{K}^+$ ) decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	1.5	14
383	Observation of the $B \rightarrow D^* \bar{D}^* \bar{D}^* \bar{D}^*$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	1.5	14
384	Study of $\bar{D}^* (2S)$ 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
385	First Observation of a Baryonic $B_c \rightarrow \bar{D}^* \bar{D}^* \bar{D}^* \bar{D}^*$ Decay. Physical Review Letters, 2017, 119, 041802.	1.6	14
386	A measurement of the CP asymmetry difference between $B^+ \rightarrow \bar{D}^* K^+$ and $B^+ \rightarrow \bar{D}^* K^+$ decays. Journal of High Energy Physics, 2018, 2018, .	1.6	14
387	Measurement of the CKM angle $\hat{\beta}$ using $B^+ \rightarrow \bar{D}^* K^+$ with $D^* \rightarrow \bar{K}^+ K^0$ , $\bar{K}^+ K^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	14
388	Amplitude Analysis of the Decay $B^+ \rightarrow \bar{D}^* K^+ \bar{K}^0$ and First Observation of the CP Asymmetry in $B^+ \rightarrow \bar{D}^* K^+ (892) \bar{K}^+$ . Physical Review Letters, 2018, 120, 261801.	2.9	14
389	Prompt $\bar{b} + c$ production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
390	Constraints on the $B \rightarrow D^* \bar{D}^* \bar{D}^* \bar{D}^*$ Branching Fraction. Physical Review Letters, 2020, 125, 231801.	1.6	14
391	Search for CP violation in $\chi_{c1}^+ \rightarrow p \bar{K}^+ \pi^+$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	1.4	14
392	Measurement of the ratio of branching fractions $B(B_c \rightarrow \bar{D}^* \bar{D}^* \bar{D}^* \bar{D}^*)/B(B_c \rightarrow \bar{D}^* \bar{K}^+)$ . Physical Review Letters, 2020, 125, 231801.	1.6	14

#	ARTICLE	IF	CITATIONS
397	Measurement of the asymmetry in $B \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	2.9	13
398	Observation of $B_{s1} \rightarrow K^* K^0$ and evidence for $B_{s1} \rightarrow K^* K^0$ decays. New Journal of Physics, 2014, 16, 123001.	1.2	13
399	Search for CP violation in $D^* \rightarrow K^* K^0$ and $D^* \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
400	A study of CP violation in $B^* \rightarrow K^* K^0$ and $B^* \rightarrow K^* K^0$ decays with $B^* \rightarrow K^* K^0$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 36-45.	1.5	13
401	Measurement of the polarization amplitudes and CP asymmetries in $B^* \rightarrow K^* K^0$ . Journal of High Energy Physics, 2014, 2014, 1.	1.5	13
402	Measurement of polarization amplitudes and CP asymmetries in $B^* \rightarrow K^* K^0$ . Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
403	Measurement of the time-integrated CP asymmetry in $D^* \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	13
404	Observation of the decay $B^* \rightarrow K^* K^0$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	1.5	13
405	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
406	Study of $\hat{\Gamma}^3$ mixing from measurement of $B^* \rightarrow K^* K^0$ decay rates. Journal of High Energy Physics, 2015, 2015, .	1.6	13
407	Measurement of the ratio of branching fractions $\hat{\Gamma}^3(B^* \rightarrow K^* K^0) / \hat{\Gamma}^3(B^* \rightarrow K^* K^0)$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
408	Measurement of the mass and lifetime of the $\Lambda_b^0$ baryon. Physical Review D, 2016, 93, .	1.6	13
409	Measurement of the mass and lifetime of the $\Lambda_b^0$ baryon from Dalitz plot analysis of $B^* \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
410	Study of $D^* \rightarrow K^* K^0$ mesons decaying to $D^* \rightarrow K^* K^0$ and $D^* \rightarrow K^* K^0$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
411	Model-independent measurement of mixing parameters in $D^* \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	13
412	First observation of the decay $D^* \rightarrow K^* K^0$ in the $\hat{\Gamma}^3$ region of the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	1.5	13
413	Measurement of $B^* \rightarrow K^* K^0$ and $B^* \rightarrow K^* K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 139-158.	1.5	13
414	Measurement of CP asymmetry in $B^* \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.6	1.6	13



#	ARTICLE	IF	CITATIONS
415	Search for CP violation in $\Lambda_c^+ \rightarrow p \pi^0 K^0$ decays. Journal of High Energy Physics, 2018, 2018, 1. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	1.5	13
416	Measurement of $\Upsilon'$ production in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	1.6	13
417	Measurement of Angular and CP Asymmetries in $B \rightarrow K^* \pi$ Decays. Physical Review Letters, 2018, 121, 091801. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	2.9	13
418	Search for the lepton flavour violating decay $B \rightarrow K^* \tau^+ \tau^-$ , using $B \rightarrow K^* \tau^+ \tau^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	13
419	Search for the doubly heavy $\Xi_{bc}^0$ baryon via decays to $D^0 p K^+$ . Journal of High Energy Physics, 2020, 2020, 1.	1.6	13
420	First Observation of the Decays $B \rightarrow D^* K^* \pi$ and $B \rightarrow D^* K^* \pi$ . Physical Review Letters, 2012, 108, 161801. Branching fraction and CP asymmetry of the decays $B \rightarrow D^* K^* \pi$ and $B \rightarrow D^* K^* \pi$ . Physical Review Letters, 2012, 108, 161801.	1.2	12
421	Measurement of CP asymmetries in $B \rightarrow K^* \pi$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 357, 124-133. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	1.5	12
422	Studies of the decays $B \rightarrow \rho^+ \pi^-$ and observation of $B \rightarrow \rho^+ \pi^- (1520)$ . Physical Review D, 2013, 88, . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	1.6	12
423	Measurement of the charge asymmetry in $B \rightarrow K^* \pi$ decays. Physical Review Letters, 2016, 117, 261801. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	1.5	12
424	Measurement of CP asymmetries and polarisation fractions in $B \rightarrow K^* \pi$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	12
425	Measurement of the time-dependent CP asymmetries in $B \rightarrow K^* \pi$ decays. Journal of High Energy Physics, 2015, .	1.6	12
426	A new algorithm for identifying the flavour of $B$ mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	0.5	12
427	Violation in $B \rightarrow K^* \pi$ decays. Physical Review Letters, 2016, 117, 261801. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	2.9	12
428	Search for $B_c^+$ decays to the $p \pi^+ \pi^0$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	1.5	12
429	Observation of $B_c \rightarrow \rho^+ \pi^-$ decays. Physical Review D, 2017, 95, .	1.6	12
430	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12
431	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
432	Amplitude analysis of $B \rightarrow K^* K^* \pi$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12

#	ARTICLE	IF	CITATIONS
433	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
434	Study of $B^0 \rightarrow D^* \pi^+ \pi^-$ and $B^0 \rightarrow D^* K^+ \pi^-$ decays. Physical Review D, 2013, 87, .	1.6	11
435	Effective lifetime measurements in the $B^0 \rightarrow D^+ \pi^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 446-454.	1.6	11
436	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
437	Search for the decay $B^0 \rightarrow D^+ \pi^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 234-243.	1.6	11
438	Measurement of the $B^0 \rightarrow D^+ \pi^-$ branching fraction and search for the decay $B^0 \rightarrow \pi^+ \pi^-$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	11
439	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
440	Measurements of charm mixing and $B^0 \rightarrow D^+ \pi^-$ violation using $B^0 \rightarrow D^+ \pi^-$ . Physical Review D, 2017, 95, .	1.6	11
441	Observation of the decay $B^0 \rightarrow \rho^+ K^-$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	1.6	11
442	New algorithms for identifying the flavour of $B^0$ mesons using pions and protons. European Physical Journal C, 2017, 77, 238.	1.4	11
443	First measurement of the CP-violating phase $\phi_{s^d}$ in $B^0 \rightarrow (K^+ \pi^-) (K^+ \pi^-)$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
444	Search for CP violation using triple product asymmetries in $B^0 \rightarrow \rho^+ K^-$ , $B^0 \rightarrow \rho^+ K^+ K^-$ and $B^0 \rightarrow \rho^+ \pi^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
445	First observation of $B^0 \rightarrow D^+ s^- + K^+ \pi^-$ decays and a search for $B^0 \rightarrow D^+ s^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
446	Amplitude analysis of the $B^0 \rightarrow K^+ \overline{K}^0$ decays and measurement of the branching fraction of the $B^0 \rightarrow K^+ \overline{K}^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
447	Measurements of CP asymmetries in charmless four-body $\Lambda_b^0$ and $\Xi_b^0$ decays. European Physical Journal C, 2019, 79, 1.	1.4	11
448	Search for the rare decay $B^+ \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$ . European Physical Journal C, 2019, 79, 1.	1.4	11
449	A search for $\Xi_{cc}^+ \rightarrow D^+ p K^+ \pi^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
450	Measurement of the $\Lambda_b^0$ angular distribution and the $\Lambda_b^0$ polarisation in pp collisions. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11

#	ARTICLE	IF	CITATIONS
451	Precise determination of the $B_{\overline{B}}^0$ oscillation frequency. Nature Physics, 2022, 18, 1-5.	6.5	11
452	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
453	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, 16101.	1.6	10
454	Measurement of the effective $B \rightarrow B^0$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 393-400.	1.6	10
455	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow p \overline{\Lambda}^0$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	10
456	Search for CP violation in the phase space of $D^0 \rightarrow \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 345-356.	1.5	10
457	Evidence for the two-body charmless baryonic decay $B^+ \rightarrow p \overline{\Lambda}^0$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
458	Study of $B^0 \rightarrow B^0$ correlations in high energy proton-proton collisions. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
459	Observation of $B^0 \rightarrow D^0 \pi^0$ decay. Physical Review D, 2018, 98, 112001.	1.6	10
460	Search for a dimuon resonance in the $J/\psi$ mass region. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
461	Measurements of the branching fractions of $B^0 \rightarrow D^0 \pi^0$ , $B^0 \rightarrow D^0 \pi^0$ , and $B^0 \rightarrow D^0 \pi^0$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
462	Measurement of branching fractions of charmless four-body $B^0 \rightarrow B^0 \pi^0 \pi^0$ and $B^0 \rightarrow B^0 \pi^0 \pi^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
463	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^+ K^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
464	Measurement of $B^0 \rightarrow B^0$ -Violating and Mixing-Induced Observables in $B^0 \rightarrow B^0$ Decay. Physical Review Letters, 2019, 123, 232001.	2.9	10
465	-Tagged Jets in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2019, 123, 232001.	2.9	10
466	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Physical Review Letters, 2020, 125, 212001.	2.9	10
467	Search for $B^0 \rightarrow B^0$ violation and observation of $B^0 \rightarrow B^0$ violation in $B^0 \rightarrow B^0$ decays. Physical Review Letters, 2021, 125, 212001.	1.6	10
468	Observation of CP violation in two-body $B^0 \rightarrow B^0$ -meson decays to charged pions and kaons. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10

#	ARTICLE	IF	CITATIONS
469	Search for the doubly charmed baryon $\hat{\Omega}^+$ . Science China: Physics, Mechanics and Astronomy, 2021, 64, 1	2.0	10
470	Measurement of the Nuclear Modification Factor and Prompt Charged Particle Production in $\sqrt{s} = 2.76$ TeV $\text{Pb-Pb}$ and $\sqrt{s} = 2.76$ TeV $\text{Pb-Pb}$ Collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	2.9	10
471	States Decaying to $\Lambda_c^+ \Lambda_c^0$ . Journal of High Energy Physics, 2013, 2013, 1.	2.9	10
472	First observation of the decay $B_s^0 \rightarrow \phi \overline{K}^{*0}$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	9
473	First observations of the rare decays $B \rightarrow \hat{\pi}^+ K + \bar{\Lambda}^0 + \bar{\Lambda}^0 \hat{\pi}^+ + \hat{\pi}^+ \hat{\pi}^0$ and $B \rightarrow \hat{\pi}^+ \bar{K} + \hat{\pi}^+ + \hat{\pi}^0 \hat{\pi}^0$ . Journal of High Energy Physics, 2014, 2014, 1.	1.6	9
474	Observation of the $B_s^0 \rightarrow \hat{\pi}^+ \hat{\pi}^- \hat{\pi}^0$ Decay. Physical Review Letters, 2015, 115, 051801.	2.9	9
475	Search for the $\hat{b} \rightarrow \hat{c} \hat{u} \hat{d}$ and $\hat{b} \rightarrow \hat{c} \hat{u} \hat{s}$ decays with the LHCb detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	9
476	Measurement of the $Z \rightarrow b \text{-jet}$ 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
477	Model-independent measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow \hat{D}^+ K^- S^0 \hat{\pi}^0 + \bar{\Lambda}^0$ and $K_S^0 \rightarrow K^+ K^-$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	9
478	Search for the suppressed decays $B \rightarrow \hat{\pi}^+ K + \bar{\Lambda}^0$ and $B \rightarrow \hat{\pi}^+ \bar{\Lambda}^0 + \bar{K}^0$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	1.5	9
479	Observation of the Decay $\hat{\Lambda}^0 \rightarrow \hat{p} \hat{K}^0$ . Physical Review Letters, 2017, 118, 071801.	2.9	9
480	Measurement of CP violation in $B^0 \rightarrow \hat{\pi}^+ \hat{\pi}^- K^0$ and $B^0 \rightarrow \hat{\pi}^+ \hat{\pi}^- (2S) K^0$ decays. Journal of High Energy Physics, 2017, 2017, .	1.6	9
481	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
482	Measurement of the $Y(nS)$ polarizations in $pp$ collisions at $\sqrt{s} = 7$ TeV and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
483	Search for lepton-flavour-violating decays of Higgs-like bosons. European Physical Journal C, 2018, 78, 1008.	1.4	9
484	Observation of the decay $B_s^0 \rightarrow \hat{D}^+ K^- \hat{K}^0$ . Physical Review D, 2018, 98, .	1.6	9
485	Search for CP Violation in $D_s \rightarrow \hat{\pi}^+ K^0 \hat{\pi}^0$ , $D \rightarrow \hat{\pi}^+ K^0 K^+$ , and $D \rightarrow \hat{\pi}^+ \bar{\Lambda}^0$ Decays. Physical Review Letters, 2019, 122, 191803.	2.9	9
486	Observation of $B \rightarrow \hat{\pi}^+ \hat{\pi}^- K^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	2.9	9

#	ARTICLE	IF	CITATIONS
487	Study of $B_{s1}^0$ decays. Journal of High Energy Physics, 2021, 2021, 1.	1.6	9
488	Search for long-lived particles decaying to $e^+ \mu^+ u$ . European Physical Journal C, 2021, 81, 1.	1.4	9
489	Measurement of $C \rightarrow P$ violation in the Decay $B \rightarrow K^+ K^0$ . Physical Review Letters, 2021, 126, 091802.	2.9	9
490	Observation of new excited $B_{s1}^0$ states. European Physical Journal C, 2021, 81, .	1.4	9
491	Search for time-dependent $C \rightarrow P$ violation in $B \rightarrow D^0 K^+ K^0$ and $B \rightarrow D^0 K^+ K^0$ . Physical Review D, 2021, 104, .	1.6	9
492	Observation of the $B_{s1}^0 \rightarrow K^+ K^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	8
493	Search for the rare decays $B_{s1}^0 \rightarrow K^+ K^0$ . Physical Review D, 2015, 92, .	1.6	8
494	Measurement of the CKM angle $\hat{\beta}$ using $B_{s1}^0 \rightarrow DK^+ K^0$ with $D \rightarrow K^+ K^0$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	8
495	Observation of the $B_{s1}^0 \rightarrow K^+ K^0$ decay. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
496	Observation of charmless baryonic decays $B \rightarrow p \pi^+ \pi^-$ . Physical Review Letters, 2016, 116, 111801.	1.6	8
497	Measurement of CP asymmetries in $D_{s1}^+ \rightarrow \pi^+ \pi^0 K^+$ and $D_{s1}^+ \rightarrow \pi^+ \pi^0 K^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	1.5	8
498	Observation of the decay $B_{s1}^0 \rightarrow (2S) \pi^+ \pi^-$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
499	Search for $B_c^+$ decays to two charm mesons. Nuclear Physics B, 2018, 930, 563-582.	0.9	8
500	Observation of the decay $B_{s1}^0 \rightarrow \rho^+ \rho^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 101-111.	1.5	8
501	Precision measurement of the $B_c^+$ meson mass. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
502	Updated measurement of decay-time-dependent CP asymmetries in $D_{s1}^+ \rightarrow K^+ K^0$ and $D_{s1}^+ \rightarrow \pi^+ \pi^0$ decays. Physical Review D, 2020, 101, .	1.6	8
503	Measurement of $\psi(2S)$ production cross-sections in proton-proton collisions at $\sqrt{s} = 7$ and $13$ TeV. European Physical Journal C, 2020, 80, .	1.4	8
504	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

#	ARTICLE	IF	CITATIONS
505	Searches for $B_{(s)}^0 \rightarrow J/\psi K^0$ and $B^+ \rightarrow J/\psi K^+$ decays. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	7
506	Search for the decay $B_s^0 \rightarrow D^* \bar{K}^0$ . <i>Physical Review D</i> , 2013, 87, .	1.6	7
507	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow D^+ D^- K^0$ . <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	7
508	Search for the CP-violating strong decays $B^0 \rightarrow \pi^+ \pi^- K^0$ and $B^0 \rightarrow \pi^0 \pi^0 K^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 764, 233-240.	1.5	7
509	Measurement of forward charmless $B \rightarrow \pi K$ decays. <i>Physical Review D</i> , 2019, 99, 074011.	1.5	7
510	Observation of $B^0 \rightarrow J/\psi K^0$ and $B^0 \rightarrow J/\psi K^0$ decays. <i>European Physical Journal C</i> , 2017, 77, 72.	1.4	7
511	Measurement of CP observables in $B^0 \rightarrow D^+ D^- K^0$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	7
512	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 K^0 K^0$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	7
513	Search for weakly decaying $B^0 \rightarrow \pi^+ \pi^- K^0$ -flavored pentaquarks. <i>Physical Review D</i> , 2018, 97, .	1.6	7
514	Study of the $B^0 \rightarrow \pi^+ \pi^- K^0$ decay with an amplitude analysis of $B^0 \rightarrow \pi^+ (\pi^+ \pi^-) (K^0)$ decays. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	7
515	Observation of the $B^0 \rightarrow \pi^+ \pi^- K^0$ (3872) $\rho^0$ decay. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	7
516	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	7
517	Measurement of the electron reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2019, 14, P11023-P11023.	0.5	7
518	Measurement of the shape of the $B^0 \rightarrow D^+ D^- \mu^+ \mu^-$ differential decay rate. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	7
519	Publisher's Note: Evidence for CP violation in Time-Integrated $D^0 \rightarrow \pi^+ \pi^-$ decay rates [Phys. Rev. Lett. 108, 111602 (2012)]. <i>Physical Review Letters</i> , 2012, 108, .	2.9	6
520	Measurement of CP observables in $B^0 \rightarrow D^+ D^- K^0$ with $D^+ \rightarrow K^+ K^-$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 16	1.6	6
521	Study of $B^0 \rightarrow \pi^+ \pi^- K^0$ decays. <i>Physical Review D</i> , 2015, 92, .	1.6	6
522	Determination of the branching fractions of $B^0 \rightarrow D^+ D^- K^0$ and $B^0 \rightarrow D^+ D^- K^0$ . <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	6

#	ARTICLE	IF	CITATIONS
523	Measurement of the $B \rightarrow \hat{t}^+ \bar{D}^0$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2016, 762, 484-492.	1.5	6
524	Observation of $B_s \rightarrow \hat{t}^+ \bar{D}^0$ and Evidence for $B_s \rightarrow \hat{t}^+ \bar{D}^{*0}$ Decays. Physical Review Letters, 2016, 116, 161802.	2.9	6
525	Measurement of the $B_{\hat{t}^+}$ production asymmetry and the CP asymmetry in $B_{\hat{t}^+} \rightarrow K_{\hat{t}^+}$ decays. Physical Review D, 2017, 95, .	1.6	6
526	Search for Baryon-Number Violating $\hat{t}^+ \rightarrow \bar{t} + \bar{b} + \bar{c}$ Oscillations. Physical Review Letters, 2017, 119, 181807.	2.9	6
527	Updated branching fraction measurements of $B \rightarrow \hat{t}^+ \bar{D}^0$ decays. Journal of High Energy Physics, 2017, 2017, .	1.6	6
528	Observation of the decay $B \rightarrow \hat{t}^+ \bar{D}^0$ and evidence for $B \rightarrow \hat{t}^+ \bar{D}^{*0}$ . Journal of High Energy Physics, 2017, 2017, .	1.6	6
529	Measurement of $Z \rightarrow \hat{t}^+ \bar{t} + \bar{t} \hat{t}^+$ production in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
530	Measurement of the branching fractions of the decays $D^+ \rightarrow \hat{t}^+ K^+ K^+$ , $D^+ \rightarrow \hat{t}^+ \bar{K}^0 K^+$ and $D^+ \rightarrow \hat{t}^+ \bar{K}^0 K^+$ . Journal of High Energy Physics, 2019, 2019, .	1.6	6
531	Measurement of the relative branching fractions of $B \rightarrow \hat{t}^+ \bar{D}^0$ decays. Physical Review D, 2021, 104, .	1.5	6
532	Measurement of CP violation in the $B \rightarrow \hat{t}^+ \bar{D}^0$ decay and search for the $B \rightarrow \hat{t}^+ \bar{D}^{*0}$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
533	Measurement of the CKM angle $\hat{\beta}$ in $B_{\hat{t}^+} \rightarrow D K_{\hat{t}^+}$ and $B_{\hat{t}^+} \rightarrow D^* K_{\hat{t}^+}$ decays with $D \rightarrow \hat{t}^+ \bar{K}^0$ . Journal of High Energy Physics, 2021, 2021, 1.	1.6	6
534	Search for $C \rightarrow P$ violation in $B \rightarrow \hat{t}^+ \bar{D}^0$ decays. Physical Review D, 2021, 104, .	1.6	6
535	Measurement of the relative branching fractions of $B \rightarrow \hat{t}^+ \bar{D}^0$ decays. Physical Review D, 2021, 104, .	1.6	6
536	Measurement of the photon polarization in $B \rightarrow \hat{t}^+ \bar{D}^0$ decays. Physical Review D, 2022, 105, .	1.6	6
537	First observation of the rare $B \rightarrow \hat{t}^+ \bar{D}^0$ decay. Physical Review D, 2016, 93, .	1.6	5
538	Measurement of the $B \rightarrow \hat{t}^+ \bar{D}^0$ and $B \rightarrow \hat{t}^+ \bar{D}^{*0}$ branching fractions. Physical Review D, 2016, 93, .	1.6	5
539	First observation of the decay $B \rightarrow \hat{t}^+ \bar{D}^0$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1.	2.0	5
540	Measurement of $B_{\hat{t}^+}$ production asymmetry in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5

#	ARTICLE	IF	CITATIONS
541	Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow \bar{D}^* \bar{K}^0(2S)$ and $B^0 \rightarrow \bar{D}^* \bar{K}^0$ . Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
542	Measurement of CP observables in the process $B^0 \rightarrow \bar{D}^* K^0$ with two- and four-body D decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
543	<a href="https://arxiv.org/abs/1908.07201">https://arxiv.org/abs/1908.07201</a> $\frac{\mathcal{B}(B^0 \rightarrow \bar{D}^* \bar{K}^0)}{\mathcal{B}(B^0 \rightarrow \bar{D}^* \bar{K}^0(2S))} = 0.9 \pm 0.1$		



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559	Measurement of the charm mixing parameter $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mi} \text{y} \rangle \rangle \langle \text{mml:mi} \text{C} \rangle \langle \text{mml:mi} \text{P} \rangle \langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mi} \text{D} \rangle \rangle \langle \text{mml:mi} \text{D} \rangle \rangle \rangle$ using two-body $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow} \langle \text{mml:msup} \langle \text{mml:mrow} \langle \text{mml:mi} \text{D} \rangle \rangle \rangle \langle \text{mml:mi} \text{D} \rangle \rangle \rangle$ decays. <i>Physical Review Letters</i> , 2022, 128, .	1.6	2
560	Angular Analysis of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. <i>Physical Review Letters</i> , 2022, 128, .	1.6	2
561	First observation of forward $Z^0 \rightarrow b\bar{b}$ production in pp collisions at $\sqrt{s}=8\text{ TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 776, 430-439.	1.5	2
562	Measurement of the CP asymmetry in $B^0 \rightarrow \pi^+ \pi^- D^0$ and $B^0 \rightarrow \pi^+ \pi^- \bar{D}^0$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	2
563	Observation of the doubly Cabibbo-suppressed decay $\hat{\Lambda}^0 \rightarrow \pi^+ \pi^- \pi^0$ . <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	2
564	Observation of the $B^0 \rightarrow \pi^+ D^{*+} D^0$ decay. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	2
565	Search for the rare decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ . <i>Chinese Physics C</i> , 2021, 45, 043001.	1.5	2
566	Measurement of CP violation in $B^0 \rightarrow \pi^+ \pi^- D^0$ decays. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	2
567	First measurement of the $\text{CP}$ -violating phase in $B^0 \rightarrow \pi^+ \pi^- \pi^0$ . <i>Physical Review Letters</i> , 2021, 126, 011801.	1.4	2
568	Identification of charm jets at LHCb. <i>Journal of Instrumentation</i> , 2022, 17, P02028.	0.5	2
569	Observation of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decay. <i>Physical Review D</i> , 2022, 105, .	1.6	2
570	Search for massive long-lived particles decaying semileptonically at $\sqrt{s}=13\text{ TeV}$ . <i>European Physical Journal C</i> , 2022, 82, .	1.4	2
571	Centrality determination in heavy-ion collisions with the LHCb detector. <i>Journal of Instrumentation</i> , 2022, 17, P05009.	0.5	2
572	LHCb Collaboration. <i>Nuclear Physics A</i> , 2014, 932, 621-626.	0.6	1
573	LHCb Collaboration. <i>Nuclear Physics A</i> , 2017, 967, 987-993.	0.6	1
574	Observation of the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ in the $\pi^0$ mass region. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	1
575	Observation of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 815, 136172.	1.5	1
576	Measurement of branching fraction ratios for $B^0 \rightarrow \pi^+ D^{*+} D^0$ , $B^0 \rightarrow \pi^+ D^{*+} D^0$ , and $B^0 \rightarrow \pi^+ D^{*+} D^0$ decays. <i>Journal of High Energy Physics</i> , 2020, 2020, .	1.6	1

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577	LHCb Collaboration. Nuclear Physics A, 2021, 1005, 122093. First observation of the decay $\bar{B} \rightarrow \bar{D}^* \ell^+ \nu_\ell$	0.6	0
578	$\bar{B} \rightarrow \bar{D}^* \ell^+ \nu_\ell$ (continued)	1.6	0