

Federico Betti

List of Publications by Year in descending order

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Version: 2024-02-01

159
papers

6,802
citations

71102

41
h-index

69250

77
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160
all docs

160
docs citations

160
times ranked

7237
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of a Narrow Pentaquark State, $P_c(4312)^+$ and of the Two-Peak Structure of the $\Lambda_c(4312)^+$ Phys. Rev. Lett. 117, 022002 (2016)	4.7	425
2	Test of lepton universality with $B \rightarrow K^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2017, 2017, 1.	7.8	417
3	Observation of the Doubly Charmed Baryon Ξ_{cc}^{++} Search for Lepton-Universality Violation in $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 191801.	7.8	355
4	Measurement of the Ratio of Branching Fractions $R_{B_c} = \frac{\mathcal{B}(B_c \rightarrow \tau^+ \nu_\tau)}{\mathcal{B}(B_c \rightarrow \mu^+ \nu_\mu)}$	7.8	234

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#	ARTICLE	IF	CITATIONS
19	Amplitude analysis of $\eta_c(1S) \pi^+ \hat{\Gamma}^- \tilde{\Gamma}^-$ resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^-$ decays. Physical Review D, 2017, 95, 014011. $\sqrt{s} \hat{\Gamma}^- \tilde{\Gamma}^-$	7.8	93
20	Amplitude analysis of $\eta_c(1S) \pi^+ \hat{\Gamma}^- \tilde{\Gamma}^-$ resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^-$ decays. Physical Review D, 2017, 95, 014011. $\sqrt{s} \hat{\Gamma}^- \tilde{\Gamma}^-$	4.7	92
21	Search for long-lived scalar particles in $B^0 \rightarrow \eta_c(1S) \pi^+ \hat{\Gamma}^- \tilde{\Gamma}^-$ decays. Physical Review D, 2017, 95, 014011. $\sqrt{s} \hat{\Gamma}^- \tilde{\Gamma}^-$	7.8	81
22	Amplitude analysis of $\eta_c(1S) \pi^+ \hat{\Gamma}^- \tilde{\Gamma}^-$ resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^-$ decays. Physical Review D, 2017, 95, 014011. $\sqrt{s} \hat{\Gamma}^- \tilde{\Gamma}^-$	4.7	79
23	Measurement of the Lifetime of the Doubly Charmed Baryon Ξ_{cc}^+ . Physical Review Letters, 2018, 121, 082001. $\sqrt{s} \hat{\Gamma}^- \tilde{\Gamma}^-$	7.8	77
24	Amplitude analysis of $\eta_c(1S) \pi^+ \hat{\Gamma}^- \tilde{\Gamma}^-$ resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^-$ decays. Physical Review Letters, 2018, 121, 082001. $\sqrt{s} \hat{\Gamma}^- \tilde{\Gamma}^-$	7.8	76
25	Amplitude analysis of $\eta_c(1S) \pi^+ \hat{\Gamma}^- \tilde{\Gamma}^-$ resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^-$ decays. Physical Review D, 2016, 94, 014011. $\sqrt{s} \hat{\Gamma}^- \tilde{\Gamma}^-$	4.7	72
26	Evidence for an $\eta_c(1S) \pi^+ \hat{\Gamma}^- \tilde{\Gamma}^-$ resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^-$ decays.		

#	ARTICLE	IF	CITATIONS
37	Analysis of Neutral B -Meson Decays into Two Muons. Physical Review Letters, 2022, 128, 041801.	7.8	46
38	Observation of New B_c^0 Baryons Decaying to DK^0 . Physical Review Letters, 2022, 128, 041801.	7.8	45
39	Tests of Lepton Universality Using $B \rightarrow c \ell \bar{\nu}_\ell$ Decays. Physical Review Letters, 2022, 128, 041801.	7.8	44
40	First Observation of Excited B_c^0 States. Physical Review Letters, 2020, 124, 082002.	7.8	44
41	Observation of an Excited B_c^0 State. Physical Review Letters, 2019, 122, 232001.	7.8	43
42	Measurement of the Difference of Time-Integrated Asymmetries in $B \rightarrow C$ Decays. Physical Review Letters, 2019, 122, 232001.	7.8	42
43	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	3.9	41
44	Study of J/ψ Production in Jets. Physical Review Letters, 2017, 118, 192001.	7.8	39
45	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.	4.1	37
46	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, .	4.7	35
47	Search for the doubly charmed baryon Ξ_{cc}^+ . Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	35
48	Measurement of the J/ψ pair production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	34
49	Precise measurement of the ratio of fragmentation fractions and of C symmetry violation in $B \rightarrow C P T$ symmetry. Physical Review Letters, 2017, 118, 192001.	4.7	32
50	Search for Violations of Lorentz Invariance and C Symmetry in $B \rightarrow P T$ Decays. Physical Review Letters, 2017, 118, 192001.	7.8	31
51	Measurement of the CKM angle $\hat{\beta}$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
52	Observation of the Decays $B^0 \rightarrow \tau^+ \nu_\tau \mu^+ \mu^-$ and $B^0 \rightarrow \tau^+ \nu_\tau \mu^+ \mu^-$. Physical Review Letters, 2017, 119, 062001.	7.8	28
53	Studies of the resonance structure in $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ decays. European Physical Journal C, 2018, 78, 443.	3.9	28
54	Measurement of $B \rightarrow V \mu^+ \mu^-$ with $B \rightarrow V \mu^+ \mu^-$. Physical Review Letters, 2017, 118, 192001.	4.7	28

#	ARTICLE	IF	CITATIONS
55	Observation of the Anihilation Decay Mode $B_c^0 \rightarrow \bar{D}^0 \pi^+ \pi^-$ and $B_c^0 \rightarrow \bar{D}^0 \pi^+ \pi^- \pi^0$. Physical Review Letters, 2017, 118, 081801.	7.8	27
56	Observation of the Anihilation Decay Mode $B_c^0 \rightarrow \bar{D}^0 \pi^+ \pi^-$ and $B_c^0 \rightarrow \bar{D}^0 \pi^+ \pi^- \pi^0$. Physical Review Letters, 2017, 118, 081801.	7.8	25
57	Observation of the Anihilation Decay Mode $B_c^0 \rightarrow \bar{D}^0 \pi^+ \pi^-$ and $B_c^0 \rightarrow \bar{D}^0 \pi^+ \pi^- \pi^0$. Physical Review Letters, 2017, 118, 111803.	7.8	25
58	Observations of $\Lambda_b^0 \rightarrow \Lambda_c^+ K^-$ and $\Lambda_b^0 \rightarrow \Lambda_c^+ K^- K^+$ decays and searches for other Λ_b^0 and Λ_b^0 decays to Λ_c^+ final states. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24
59	Model-Independent Observation of Exotic Contributions to $B_c^0 \rightarrow \bar{D}^0 \pi^+ \pi^-$ Decays. Physical Review Letters, 2019, 122, 152002.	7.8	24
60	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	23
61	Measurement of the B_c^0 Lifetime. Physical Review Letters, 2018, 121, 092003.	7.8	23
62	Search for the doubly heavy baryons Λ_{cc}^+ and Λ_{bb}^0 decaying to $\Lambda_c^+ \Lambda_c^+$ and $\Lambda_b^0 \Lambda_b^0$. Chinese Physics C, 2021, 45, 093002.	3.7	23
63	Measurement of the properties of the Λ_b^0 baryon. Journal of High Energy Physics, 2016, 2016, .	4.7	21
64	Observation of the decay $B_c^0 \rightarrow \bar{D}^0 \pi^+ \pi^-$ and evidence for the decay $B_c^0 \rightarrow \bar{D}^0 \pi^+ \pi^- \pi^0$. Physical Review Letters, 2017, 118, 081801.	4.7	21
65	Observation of a new B_c^0 state. Physical Review Letters, 2021, 126, 022001.	4.7	21
66	Observation of Multiplicity-Dependent Prompt B_c^0 Decays. Physical Review Letters, 2021, 126, 022001.	4.7	21
67	Study of $B_c^+ \rightarrow K^+ K^0 \pi^+$ final state and evidence for the decay $B_c^+ \rightarrow K^+ K^0 \pi^+$. Physical Review D, 2016, 94, .	4.7	20
68	Measurement of CP observables in $B_{\pm}^0 \rightarrow D^{\pm} K^{\mp}$ and $B_{\pm}^0 \rightarrow D^{\pm} K^{\mp} \pi^{\pm}$ with two- and four-body D decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	4.1	20
69	Measurement of the CP Violation Parameter A_{FB}^0 in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 \pi^+ \pi^-$ Decays. Physical Review Letters, 2017, 118, 261803.	7.8	20
70	Measurement of CP asymmetries in two-body $B(s)0$ -meson decays to charged pions and kaons. Physical Review D, 2018, 98, .	4.7	20
71	Resonances and CP violation in B_s^0 and $B_c^+ \rightarrow J/\psi K^+ K^0$ decays in the mass region above the $\bar{\Lambda}(1020)$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	19
72	First Observation of the Radiative Decay $B_c^0 \rightarrow \bar{D}^0 \pi^+ \pi^- \gamma$. Physical Review Letters, 2019, 123, 031801.	7.8	19

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73	Observation of excited $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decays and a measurement of the $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ branching fraction. <i>Physical Review Letters</i> , 2016, 116, 172001. http://www.w3.org/1998/Math/MathML	4.7	19
74	Measurement of forward $W^+ e^+ \nu_e$ production in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	18
75	Measurement of the mass and production rate of $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ and $\Lambda(1520) \rightarrow \Lambda^0 \pi^+$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 605, 115317.	4.1	18
76	Measurement of the mass and production rate of $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ and $\Lambda(1520) \rightarrow \Lambda^0 \pi^+$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 605, 115317.	4.7	18
77	Search for Lepton-Flavor Violating Decays $B \rightarrow \tau^+ K^0 \mu^-$. <i>Physical Review Letters</i> , 2019, 123, 241802.	7.8	18
78	Observation of $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ and $\Lambda(1520) \rightarrow \Lambda^0 \pi^+$ decays and a measurement of the $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ branching fraction. <i>Physical Review Letters</i> , 2016, 116, 172001.	4.7	17
79	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 767, 177-187.	4.1	17
80	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 767, 177-187.	4.1	17
81	Study of charmonium production in B -hadron decays and first evidence for the decay $B \rightarrow \phi \phi \phi$. <i>European Physical Journal C</i> , 2017, 77, 609.	3.9	17
82	Observation of the $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 772, 265-273.	4.1	17
83	Measurement of $B \rightarrow B^0 \pi^0$ and $B \rightarrow B^0 \pi^+$ decays. <i>Physical Review Letters</i> , 2020, 124, 211802.	4.7	17
84	Measurement of the $\eta_c(1S)$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	17
85	Search for the Rare Decays $B \rightarrow K^0 \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2020, 124, 211802.	7.8	16
86	Measurement of $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ production in pp collisions at $\sqrt{s} = 8$ TeV. <i>Chinese Physics C</i> , 2020, 44, 022001.	3.7	16
87	Differential branching fraction and angular moments analysis of the decay $B \rightarrow K^0 \pi^+ \pi^-$ in the $K^0(1430) \rightarrow \pi^+ \pi^-$ region. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	15
88	Measurement of $B \rightarrow B^0 \pi^0$ and $B \rightarrow B^0 \pi^+$ decays. <i>Physical Review Letters</i> , 2017, 119, 101801.	7.8	15
89	Observation of the suppressed decay $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	15
90	First Observation of the Rare Purely Baryonic Decay $B \rightarrow \Lambda^0 \pi^+$. <i>Physical Review Letters</i> , 2017, 119, 232001.	7.8	15

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91	Measurement of CP observables in $B^{\pm} \rightarrow D(\bar{\Delta})K^{\pm}$ and $B^{\pm} \rightarrow D(\bar{\Delta})\bar{K}^{\pm}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 16-30.	4.1	15
92	Measurement of the Charm-Mixing Parameter γ_{CP} . Physical Review Letters, 2019, 122, 011802.	7.8	15
93	Variation with Proton-Proton Collision Energy and γ_{CP} . Physical Review Letters, 2019, 122, 011802.	7.8	15
94	Observation of the $B^0 \rightarrow \bar{D}^0 K^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	4.1	14
95	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.	4.7	14
96	First Observation of a Baryonic $B^0 \rightarrow \bar{D}^0 K^0$ Decay. Physical Review Letters, 2017, 119, 041802.	4.1	14
97	A measurement of the CP asymmetry difference between $\bar{B}^0 \rightarrow \bar{D}^0 K^0$ and $B^0 \rightarrow D^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2018, 2018, .	4.7	14
98	Search for CP violation in $B^0 \rightarrow \bar{D}^0 K^0$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	3.9	14
99	Measurement of the ratio of branching fractions $\mathcal{B}(B^0 \rightarrow \bar{D}^0 K^0) / \mathcal{B}(B^0 \rightarrow D^0 \bar{K}^0)$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
100	Measurement of the mass and lifetime of the B_c^0 baryon. Physical Review D, 2016, 93, 074011.	4.7	13
101	Measurement of B_c^0 from Dalitz plot analysis of $B^0 \rightarrow \bar{D}^0 K^0$ decays. Physical Review Letters, 2017, 774, 139-158.	4.7	13
102	$B^0 \rightarrow \bar{D}^0 K^0$ and $B^0 \rightarrow D^0 \bar{K}^0$ Asymmetries in $B^0 \rightarrow \bar{D}^0 K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 139-158.	4.1	13
103	Measurement of B_c^0 Asymmetries in $B^0 \rightarrow \bar{D}^0 K^0$ decays. Physical Review Letters, 2018, 121, 091801.	7.8	13
104	A new algorithm for identifying the flavour of B_c^0 mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	1.2	12
105	Violation in B_c^0 decays. Physical Review Letters, 2016, 117, 261801.	7.8	12
106	Search for B_c^+ decays to the $p\bar{p}K^0$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	4.1	12
107	Observation of $B_c^+ \rightarrow \bar{D}^0 K^0$ decays. Physical Review D, 2017, 95, .	4.7	12
108	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12

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109	Measurement of the $\langle \mathcal{B}(B \rightarrow c) \rangle$ meson production fraction and asymmetry in 7 and 13 TeV \sqrt{s} $B \rightarrow c$ decays. <i>Physical Review D</i> , 2017, 95, .	4.7	12
110	Measurements of charm mixing and $B \rightarrow D$ violation using $B \rightarrow D$ decays. <i>Physical Review D</i> , 2017, 95, .	4.7	11
111	Observation of the decay $B \rightarrow K$ and a search for CP violation. <i>Journal of High Energy Physics</i> , 2017, 2017, .	4.7	11
112	New algorithms for identifying the flavour of B^0 mesons using pions and protons. <i>European Physical Journal C</i> , 2017, 77, 238.	3.9	11
113	Study of Z Bosons Produced in Association with Charm in the Forward Region. <i>Physical Review Letters</i> , 2022, 128, 082001.	7.8	11
114	Search for CP violation in the phase space of $D \rightarrow \pi \pi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 769, 345-356.	4.1	10
115	Evidence for the two-body charmless baryonic decay $B \rightarrow p \bar{\Lambda}^0$. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	10
116	Observation of $B \rightarrow D$ decays. <i>Physical Review Letters</i> , 2019, 123, 232001.	4.7	10
117	Tagged Jets in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , 2019, 123, 232001.	7.8	10
118	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at $\sqrt{s_{NN}} = 8.16$ TeV. <i>Physical Review Letters</i> , 2020, 125, 212001.	7.8	10
119	Search for the doubly charmed baryon Λ_{cc}^+ . <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	10
120	Observation of Two New Excited B States Decaying to $B \rightarrow D$ decays. <i>Physical Review Letters</i> , 2019, 123, 232001.	7.8	10
121	Model-independent measurement of the CKM angle β^3 using $B \rightarrow D K$ decays with $B \rightarrow D K$ and $B \rightarrow D K$. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	9
122	Search for the suppressed decays $B \rightarrow K K$ and $B \rightarrow K K$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 765, 307-316.	4.1	9
123	Observation of the Decay $B \rightarrow p K$. <i>Physical Review Letters</i> , 2017, 118, 071801.	7.8	9
124	Observation of the decay $B_s \rightarrow D K$. <i>Physical Review D</i> , 2018, 98, .	4.7	9
125	Search for CP Violation in $D_s \rightarrow K$, $D \rightarrow K$, and $D \rightarrow K$ Decays. <i>Physical Review Letters</i> , 2019, 122, 191803.	7.8	9
126	Observation of $B \rightarrow D$ decays. <i>Physical Review Letters</i> , 2019, 123, 232001.	7.8	9

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127	Search for long-lived particles decaying to $e^+ \mu^-$. European Physical Journal C, 2021, 81, 1.	3.9	9
128	Search for time-dependent $C \rightarrow P$ violation in D and D_s decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 104, .	4.7	9
129	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, .	4.7	8
130	Measurement of CP asymmetries in $D^0 \rightarrow \pi^+ \pi^-$ and $D_s \rightarrow \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	4.1	8
131	Search for the CP-violating strong decays $\bar{D}^0 \rightarrow \pi^+ \pi^-$ and $D^0 \rightarrow \pi^+ \pi^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 233-240.	4.1	7
132	Measurement of forward $B \rightarrow \tau \nu$ decays. Physical Review D, 2016, 94, .	4.1	7
133	Observation of $B^+ \rightarrow \tau^+ \nu_\tau$ and $B^0 \rightarrow \tau^+ \nu_\tau$ decays. European Physical Journal C, 2017, 77, 72.	3.9	7
134	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	7
135	Observation of the $\Lambda_b^0 \rightarrow \chi_{c1}$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
136	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
137	Measurement of the electron reconstruction efficiency at LHCb. Journal of Instrumentation, 2019, 14, P11023-P11023.	1.2	7
138	Measurement of the $B \rightarrow \tau \nu$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 769, 484-488.	4.1	6
139	Measurement of the $B^0 \rightarrow D^+ \bar{K}^0$ branching fraction. Physical Review D, 2016, 94, .	4.7	6
140	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ production asymmetry and the CP asymmetry in $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2017, 95, .	4.7	6
141	Search for Baryon-Number Violating $\bar{B} \rightarrow \bar{p} e^+ \nu_e$ violation in B meson decays. Physical Review Letters, 2017, 119, 181807.	7.8	6
142	Observation of the decay $B \rightarrow \pi^+ \pi^-$ and evidence for $B \rightarrow \pi^+ \pi^-$. Journal of High Energy Physics, 2017, .	4.7	6
143	Search for $B \rightarrow \tau \nu$ violation in B meson decays. Physical Review D, 2021, 104, .	4.7	6

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145	Measurement of the relative branching fractions of $B \rightarrow h^+ h^-$ decays. <i>Physical Review D</i> , 2022, 105, .	4.7	6
146	Measurement of the photon polarization in $B \rightarrow h^+ h^-$ decays. <i>Physical Review D</i> , 2022, 105, .	4.7	6
147	Measurement of the prompt-production cross-section ratio $\sigma(\text{prompt})/\sigma(\text{prompt})$ in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV. <i>Physical Review C</i> , 2021, 103, .	2.9	5
148	Search for CP violation in $B \rightarrow h^+ h^-$ decays. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	5
149	Observation of the $B \rightarrow D^* K^+ \pi^+$ decay. <i>Physical Review D</i> , 2017, 96, .	4.7	4
150	Observation of the suppressed $B \rightarrow D^* K^+ \pi^+$ decay with $B \rightarrow D^* K^+ \pi^+$ decay. <i>Physical Review D</i> , 2017, 96, .	4.7	4
151	Search for the $B \rightarrow D^* K^+ \pi^+$ decay. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	3
152	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B \rightarrow D^* K^+ \pi^+$ and $B \rightarrow D^* K^+ \pi^+$. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	3
153	Measurement of the branching fraction of the decay $B \rightarrow D^* K^+ \pi^+$. <i>Physical Review D</i> , 2017, 96, .	4.7	3
154	Search for the rare decay $B \rightarrow D^* K^+ \pi^+$. <i>Chinese Physics C</i> , 2021, 45, 043001.	3.7	2
155	First measurement of the $B \rightarrow D^* K^+ \pi^+$ phase in $B \rightarrow D^* K^+ \pi^+$. <i>Physical Review D</i> , 2021, 103, .	3.9	2
156	Identification of charm jets at LHCb. <i>Journal of Instrumentation</i> , 2022, 17, P02028.	1.2	2
157	Search for massive long-lived particles decaying semileptonically at $\sqrt{s}=13$ TeV. <i>European Physical Journal C</i> , 2022, 82, .	3.9	2
158	Observation of the $B \rightarrow D^* K^+ \pi^+$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 815, 136172.	4.1	1
159	A Review of CP Violation Measurements in Charm at LHCb. <i>Symmetry</i> , 2021, 13, 1482.	2.2	0