

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
g-index

160
all docs

160
docs citations

160
times ranked

7237
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the $B_c \rightarrow B^0 \tau^+ \nu_\tau$ decay properties and search for the $B_c \rightarrow B^0 \tau^+ \nu_\tau$ decay. Physical Review Letters, 2022, 128, 041801.	4.7	51
2	Analysis of Neutral B_c -Meson Decays into Two Muons. Physical Review Letters, 2022, 128, 041801.	7.8	46
3	Identification of charm jets at LHCb. Journal of Instrumentation, 2022, 17, P02028.	1.2	2
4	Study of Z Bosons Produced in Association with Charm in the Forward Region. Physical Review Letters, 2022, 128, 082001.	7.8	11
5	Measurement of the photon polarization in $B_c \rightarrow B^0 \tau^+ \nu_\tau$ decay. Physical Review Letters, 2022, 128, 041801.	4.7	6
6	Observation of Two New Excited B_c States Decaying to $B^0 \tau^+ \nu_\tau$. Physical Review Letters, 2022, 128, 041801.	7.8	10
7	Search for massive long-lived particles decaying semileptonically at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2022, 82, .	3.9	2
8	Tests of Lepton Universality Using $B_c \rightarrow B^0 \tau^+ \nu_\tau$ and $B_c \rightarrow B^0 \mu^+ \nu_\mu$. Physical Review Letters, 2022, 128, .	7.8	5
9	Study of the doubly charmed tetraquark T_{cc} . Nature Communications, 2022, 13, .	12.8	107
10	Observation of a new B_c state. Physical Review D, 2021, 103, .	4.7	21
11	Search for long-lived particles decaying to $e^+ \mu^- \nu_e \nu_\mu$. European Physical Journal C, 2021, 81, .	3.9	9
12	Observation of Multiplicity Dependent Prompt $B_c \rightarrow B^0 \tau^+ \nu_\tau$ decays. Physical Review Letters, 2021, 126, 161802.	7.8	96
13	Search for the rare decay $B^0 \rightarrow \tau^+ J/\psi^0$. Chinese Physics C, 2021, 45, 043001.	3.7	2
14	Angular Analysis of the $B_c \rightarrow B^0 \tau^+ \nu_\tau$ Decay. Physical Review Letters, 2021, 126, 161802.	7.8	96
15	Observation of the $B_c \rightarrow B^0 \tau^+ \nu_\tau$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136172.	4.1	1
16	Measurement of the prompt-production cross-section ratio $\sigma(\tau^+ \tau^-)/\sigma(\tau^+ \tau^-)$ in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Physical Review C, 2021, 103, .	2.9	5
17	Search for CP violation in $B_c \rightarrow B^0 \tau^+ \nu_\tau$ decays. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
18	Precise measurement of the $B_c \rightarrow B^0 \tau^+ \nu_\tau$ ratio of fragmentation fractions and of $B_c \rightarrow B^0 \tau^+ \nu_\tau$. Physical Review Letters, 2021, 126, 161802.	4.7	32

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19	Observation of New Resonances Decaying to $\Lambda^0 \pi^0$ and $\Lambda^0 \pi^+ \pi^-$. Physical Review Letters, 2021, 125, 242001.	7.8	93
20	A Review of CP Violation Measurements in Charm at LHCb. Symmetry, 2021, 13, 1482.	2.2	0
21	Search for the doubly charmed baryon Λ_{cc}^+ . Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	10
22	Search for Λ_{cc}^+ violation in $\Lambda_{cc}^+ \rightarrow \Lambda^0 \pi^+$ and $\Lambda_{cc}^+ \rightarrow \Lambda^0 \pi^+ \pi^0$ decays. Physical Review D, 2021, 104, .	4.7	6
23	Search for the doubly heavy baryons Λ_{cc}^+ and Λ_{bb}^0 and Λ_{cb}^+ . Chinese Physics C, 2021, 45, 093002.	3.7	23
24	Search for Λ_{cc}^+ violation in $\Lambda_{cc}^+ \rightarrow \Lambda^0 \pi^+$ and $\Lambda_{cc}^+ \rightarrow \Lambda^0 \pi^+ \pi^0$ decays. Physical Review D, 2021, 104, .	4.7	6
25	Search for the doubly charmed baryons Λ_{cc}^+ and Λ_{cb}^+ . Chinese Physics C, 2021, 45, 093002.	4.7	9
26	First measurement of the Λ_{cc}^+ -violating phase in $\Lambda_{cc}^+ \rightarrow \Lambda^0 \pi^+$ decays. Physical Review D, 2021, 104, .	3.9	2
27	Observation of excited Λ_{cc}^+ baryons in $\Lambda_{cc}^+ \rightarrow \Lambda^0 \pi^+$ decays. Physical Review Letters, 2021, 125, 242001.	4.7	19
28	Observation of the suppressed Λ_{cc}^+ decay with $\Lambda_{cc}^+ \rightarrow \Lambda^0 \pi^+$ decay. Physical Review D, 2021, 104, .	4.7	1
29	Search for the doubly charmed baryon Λ_{cc}^+ . Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	35
30	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at $\sqrt{s_{NN}}=8.16$ TeV. Physical Review Letters, 2020, 125, 212001.	7.8	10
31	Updated measurement of decay-time-dependent CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2020, 101, .	4.7	8
32	Measurement of Λ_{cc}^+ violation in $\Lambda_{cc}^+ \rightarrow \Lambda^0 \pi^+$ and $\Lambda_{cc}^+ \rightarrow \Lambda^0 \pi^+ \pi^0$ decays. Physical Review D, 2021, 104, .	7.8	15
33	Amplitude analysis of the Λ_{cc}^+ decay. Physical Review D, 2020, 102, .	4.7	117
34	Model-independent Study of Structure in Λ_{cc}^+ Decays. Physical Review Letters, 2020, 125, 242001.	7.8	111
35	Search for the Rare Decays $\Lambda_{cc}^+ \rightarrow \Lambda^0 \pi^+ \pi^0$. Physical Review D, 2021, 104, .	7.8	16
36	Measurement of the branching fraction of the decay $\Lambda_{cc}^+ \rightarrow \Lambda^0 \pi^+$. Physical Review D, 2021, 104, .	4.7	3

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37	Observation of New Resonances in the $\Upsilon(4S) \rightarrow B_c^0 \bar{B}^0$ Decays. Physical Review Letters, 2020, 124, 082002.	7.8	45
38	First Observation of Excited $\Upsilon(4S) \rightarrow B_c^0 \bar{B}^0$ States. Physical Review Letters, 2020, 124, 082002.	7.8	44
39	Measurement of $B_c^0 \rightarrow B^0 \gamma$ -Averaged Observables in the $\Upsilon(4S)$. Physical Review Letters, 2020, 125, 011802.	7.8	128
40	Measurement of B_c^0 production in pp collisions at $\sqrt{s} = 13$ TeV. Chinese Physics C, 2020, 44, 022001.	3.7	16
41	Measurement of the relative branching fractions of $B_c^0 \rightarrow B^0 \gamma$ and $B_c^0 \rightarrow B^0 \mu^+ \mu^-$. Physical Review D, 2020, 102.	4.7	28
42	Search for CP violation in $B_c^0 \rightarrow B^0 \mu^+ \mu^-$ decays. Physical Review Letters, 2020, 124, 041801.	7.8	148
43	Measurement of the relative branching fractions of $B_c^0 \rightarrow B^0 \gamma$ and $B_c^0 \rightarrow B^0 \mu^+ \mu^-$. Physical Review D, 2020, 102.	4.7	6
44	Measurement of the B_c^0 production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	17
45	Search for CP violation in $B_c^0 \rightarrow B^0 \mu^+ \mu^-$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	3.9	14
46	First Observation of the Radiative Decay $B_c^0 \rightarrow B^0 \gamma$. Physical Review Letters, 2019, 123, 031801.	7.8	19
47	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2019, 122, 231802.	7.8	55
48	Observation of New Resonances in the $\Upsilon(4S) \rightarrow B_c^0 \bar{B}^0$ Decays. Physical Review Letters, 2019, 123, 152001.	7.8	19
49	Measurement of B_c^0 hadron fractions in $\sqrt{s} = 13$ TeV collisions. Physical Review D, 2019, 100.	4.7	51
50	Observation of the $\Lambda_b^0 \rightarrow \Lambda^0 \mu^+ \mu^-$ (3872) ρ^0 decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
51	Measurement of the Charm-Mixing Parameter γ_{CP} . Physical Review Letters, 2019, 122, 011802.	7.8	15
52	Search for CP Violation in $D_s \rightarrow K^0 \mu^+ \mu^-$, $D \rightarrow K^0 \mu^+ \mu^-$, and $D \rightarrow \rho^0 \mu^+ \mu^-$ Decays. Physical Review Letters, 2019, 122, 191803.	7.8	9
53	Measurement of $B_c^0 \rightarrow B^0 \mu^+ \mu^-$ and $B_c^0 \rightarrow B^0 \mu^+ \mu^- \gamma$. Physical Review Letters, 2019, 122, 191803.	7.8	9
54	Measurement of $B_c^0 \rightarrow B^0 \mu^+ \mu^-$ and $B_c^0 \rightarrow B^0 \mu^+ \mu^- \gamma$. Physical Review Letters, 2019, 122, 191803.	4.7	17

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55	Observation of $C \rightarrow P$ Violation in Charm Decays. Observation of a Narrow Pentaquark State	7.8	157
56	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Measurement of the mass and production rate of Λ_b^0 baryons	4.7	7
57	Search for Lepton-Universality Violation in $B \rightarrow K^* \ell^+ \ell^-$ Decays. Measurement of the electron reconstruction efficiency at LHCb	1.2	7
58	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Measurement of the electron reconstruction efficiency at LHCb	4.7	7
59	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Measurement of the electron reconstruction efficiency at LHCb	4.7	7
60	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Measurement of the electron reconstruction efficiency at LHCb	4.7	7
61	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Measurement of the electron reconstruction efficiency at LHCb	4.7	7
62	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Measurement of the electron reconstruction efficiency at LHCb	4.7	7
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64	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Measurement of the electron reconstruction efficiency at LHCb	4.7	7
65	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Measurement of the electron reconstruction efficiency at LHCb	4.7	7
66	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Measurement of the electron reconstruction efficiency at LHCb	4.7	7
67	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Measurement of the electron reconstruction efficiency at LHCb	4.7	7
68	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Measurement of the electron reconstruction efficiency at LHCb	4.7	7
69	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Measurement of the electron reconstruction efficiency at LHCb	4.7	7
70	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Measurement of the electron reconstruction efficiency at LHCb	4.7	7
71	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Measurement of the electron reconstruction efficiency at LHCb	4.7	7

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73	Evidence for an $\eta_c(1S)$ $\pi^+\pi^-$ resonance in $B^0 \rightarrow \eta_c(1S) K^+\pi^-$		
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#	ARTICLE	IF	CITATIONS
91	Study of the $D^0 \rightarrow p \pi^+ \pi^-$ amplitude in $B^0 \rightarrow D^0 \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2017, 2017, 14.7		54
92	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	3.9	54
93	Observation of $B^0 \rightarrow \pi^+ \pi^- \pi^0$ and $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. European Physical Journal C, 2017, 77, 72.	3.9	7
94	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.	4.1	17
95	Observation of the Decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2017, 118, 071801.	7.8	9
96	Search for long-lived scalar particles in $B \rightarrow K \pi \pi$ decays. Physical Review Letters, 2017, 118, 071801.	4.7	79
97	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
98	Observation of charmless baryonic decays $B \rightarrow p \pi^+ \pi^-$ and $B \rightarrow n \pi^+ \pi^-$. Physical Review Letters, 2017, 118, 071801.	4.7	11
99	Study of charmonium production in $B \rightarrow \psi(3720) \pi$ decays and first evidence for the decay $B \rightarrow \psi(3720) \pi^0$. European Physical Journal C, 2017, 77, 609.	3.9	17
100	Observation of $B_c \rightarrow D^{(*)} K^{(*)}$ decays. Physical Review D, 2017, 95, .	4.7	12
101	Measurements of charm mixing and CP violation using $D \rightarrow K \pi \pi$ decays. Physical Review D, 2017, 95, .	4.7	11
102	Measurement of the $B_{\pm} \rightarrow \pi^0 \pi^{\pm} K^{\pm}$ production asymmetry and the CP asymmetry in $B_{\pm} \rightarrow \pi^0 \pi^{\pm} K^{\pm}$ decays. Physical Review D, 2017, 95, .	4.7	6
103	Search for the $B_s \rightarrow \pi^+ \pi^- \pi^0$ decay. Journal of High Energy Physics, 2017, 2017, 1.	4.7	3
104	Observation of the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	4.7	11
105	Measurement of $B \rightarrow K \pi \pi$ and $B \rightarrow K \pi \pi$ decays. Physical Review Letters, 2017, 118, 112001.	7.8	15
106	Observation of the Doubly-Charmed Baryon. Physical Review Letters, 2017, 119, 112001.	7.8	417
107	Measurement of the CP Violation Parameter A^{\pm} in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. Physical Review Letters, 2017, 118, 261803.	7.8	20
108	Observation of $B \rightarrow K \pi \pi$ decays. Physical Review Letters, 2017, 118, 111803.	7.8	25

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109	Observation of Five New Narrow Λ^0 States Decaying to Λ^0 States Decaying to Λ^0	7.8	234
110	Measurement of CP asymmetries in $D_{s1}^{\pm} \rightarrow \Lambda^0 \pi^{\pm}$ and $D_{s1}^{\pm} \rightarrow \Lambda^0 \pi^{\pm}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	4.1	8
111	Observation of the $\Lambda^0 \rightarrow \Lambda^0 \pi^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	4.1	18
112	Observation of the $\Lambda^0 \rightarrow \Lambda^0 \pi^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	4.1	17
113	Branching Fraction and Effective Lifetime and Search for Λ^0 Branching Fraction and Effective Lifetime and Search for Λ^0	7.8	220
114	Study of Λ^0 Production in Jets. Physical Review Letters, 2017, 118, 192001.	7.8	39
115	Observation of the Decays $\Lambda^0 \rightarrow \Lambda^0 \pi^0$ and $\Lambda^0 \rightarrow \Lambda^0 \pi^0$. Physical Review Letters, 2017, 119, 062001.	7.8	28
116	Observation of the $B^0 \rightarrow D^+ K^- \pi^+$ decay. Physical Review D, 2017, 96, .	4.7	4
117	Search for the Decays $B^0 \rightarrow D^+ K^- \pi^+$ and $B^0 \rightarrow D^+ K^- \pi^+$ and $B^0 \rightarrow D^+ K^- \pi^+$	7.8	81
118	Observation of the suppressed decay $B^0 \rightarrow D^+ K^- \pi^+$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
119	Test of lepton universality with $B^0 \rightarrow D^+ K^- \pi^+$, $B^0 \rightarrow D^+ K^- \pi^+$, $B^0 \rightarrow D^+ K^- \pi^+$ decays. Journal of High Energy Physics, 2017, 2017, 1.	4.7	425
120	Search for Baryon-Number Violating $B^0 \rightarrow D^+ K^- \pi^+$ Oscillations. Physical Review Letters, 2017, 119, 181807.	7.8	06
121	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
122	New algorithms for identifying the flavour of B^0 mesons using pions and protons. European Physical Journal C, 2017, 77, 238.	3.9	11
123	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 5$ TeV. Journal of High Energy Physics, 2017, 2017, .	4.7	35
124	Search for CP violation in the phase space of $D^0 \rightarrow \Lambda^0 \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 345-356.	4.1	10
125	Evidence for the two-body charmless baryonic decay $B^0 \rightarrow \Lambda^0 \pi^0$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
126	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow \Lambda^0 \pi^0$. Physical Review Letters, 2017, 119, 232001.	7.8	15

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127	Resonances and CP violation in B_s^0 and B^0 decays in the mass region above the $\bar{\Lambda}(1020)$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	19
128	Measurement of B^0 and B^+ decays to $J/\psi K^+ K^-$ and $J/\psi K^+ K^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 139-158.	4.1	13
129	First Observation of a Baryonic B^0 Decay to $J/\psi K^+ K^-$. Physical Review Letters, 2017, 119, 041802.	4.7	14
130	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	3.9	41
131	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
132	Observation of the decay $B_s^0 \rightarrow c \bar{c} \bar{K}^0$ and evidence for $B_s^0 \rightarrow c \bar{c} \bar{K}^0$. Journal of High Energy Physics, 2017, 2017, .	4.7	6
133	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^+ \rightarrow J/\psi K^+$ and $B^+ \rightarrow J/\psi K^0$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	3
134	Observations of $\bar{b} \rightarrow c \bar{c} K^+$ and $\bar{b} \rightarrow c \bar{c} K^0$ decays and searches for other $\bar{b} \rightarrow c \bar{c}$ decays to final states. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24
135	Observation of $\bar{b} \rightarrow c \bar{c} K^0(2S)$ and $\bar{b} \rightarrow c \bar{c} K^0$ decays and a measurement of the $\bar{b} \rightarrow c \bar{c}$ baryon. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
136	Measurement of the properties of the $\bar{\Lambda}_b^0$ baryon. Journal of High Energy Physics, 2016, 2016, .	4.7	21
137	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
138	Measurement of the ratio of branching fractions $B_c^+ \rightarrow J/\psi K^+ + B_c^+ \rightarrow J/\psi K^0$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
139	Measurement of forward $W^+ e^{1/2}$ production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
140	Measurement of the CKM angle β from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
141	A new algorithm for identifying the flavour of B^0 mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	1.2	12
142	Amplitude analysis of $B^0 \rightarrow J/\psi K^+ K^-$ decays. Physical Review D, 2016, 94, .	4.7	7
143	Study of B_c^+ decays to the $K^+ K^0 \bar{K}^0$ final state and evidence for the decay $B_c^+ \rightarrow K^+ \bar{K}^0$. Physical Review D, 2016, 94, .	4.7	20
144	Measurement of C and P violation in $B^0 \rightarrow D^+ D^-$ decays. Physical Review Letters, 2016, 117, 261801.	7.8	12

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145	Measurement of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 484-492.	4.1	6
146	Model-independent measurement of the CKM angle $\hat{\beta}^3$ using $B_0 \rightarrow D^* K^+ D^* K^0$ decays with $D^* \rightarrow \rho^+ \pi^-$ and $D^* \rightarrow \rho^0 \pi^+$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	9
147	Search for B_c^+ decays to the $p\bar{p} \rightarrow \ell^+ \ell^-$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	4.1	17
148	Search for B_c^+ decays to the $p\bar{p} \rightarrow \ell^+ \ell^-$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	4.1	12
149	Observation of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	4.1	14
150	Measurement of CP observables in $B \rightarrow D^* K^+ D^* K^0$ and $B \rightarrow D^* K^+ D^* K^0$ 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
151	Contributions to $B \rightarrow D^* \ell \bar{\nu}_\ell$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	7.8	102
152	Measurement of the mass and lifetime of the Λ_b^0 baryon. Physical Review D, 2016, 93, .	4.7	13
153	Oscillations in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	7.8	27
154	Constraints on the unitarity triangle angle $\hat{\beta}^3$ from Dalitz plot analysis of $B \rightarrow D^* K^+ D^* K^0$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
155	Asymmetries in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	7.8	42
156	Symmetry in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	7.8	31
157	Measurement of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ branching fraction. Physical Review D, 2016, 94, .	4.7	6
158	Differential branching fraction and angular moments analysis of the decay $B \rightarrow K^+ \rho^0 \pi^0$ in the $K^0, 2^+ \pi^-$ (1430)0 region. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
159	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