

Elena Graverini

List of Publications by Year in descending order

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Version: 2024-02-01

326
papers

15,024
citations

30047

54
h-index

24232

110
g-index

338
all docs

338
docs citations

338
times ranked

8774
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for the doubly charmed baryon Ξ_{cc}^+ . Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	35
2	Precision measurement of the B_c^+ meson mass. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
3	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, 1.	1.6	8
4	Iso-spin Amplitudes in $B_c^+ \rightarrow B^0 \pi^+$ Decays		

#	ARTICLE	IF	CITATIONS
19	Measurement of CP observables in $B_{\pm} \hat{\pi}^{\pm} DK_{\pm}^*$ and $B_{\pm} \hat{\pi}^{\pm} D\bar{K}_{\pm}^*$ with $D \hat{\pi}^{\pm}$ $\{K\}_{\mathcal{M}}^0 \{K\}^{\pm}$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
20	Precision measurement of the χ_{cc}^{++} mass. Journal of High Energy Physics, 2020, 2020, 1.	1.6	33
21	Measurement of χ_{cc}^{++} production in pp collisions at $\sqrt{s} = 13$ TeV. Chinese Physics C, 2020, 44, 022001.	1.5	16
22	Determination of quantum numbers for several excited charmed mesons observed in $B \hat{\pi}^{\pm} D^* \bar{K}^{\pm}$ decays. Physical Review D, 2020, 101, .	1.6	21
23	Amplitude analysis of the $B \hat{\pi}^{\pm} D^* \bar{K}^{\pm}$ decays. Physical Review D, 2020, 101, .	1.6	42
24	Violation in $B \hat{\pi}^{\pm} D^* \bar{K}^{\pm}$ decays. Physical Review Letters, 2020, 124, 031801.	2.9	32
25	Measurement of $\psi(2S)$ production cross-sections in proton-proton collisions at $\sqrt{s} = 7$ TeV and $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, .	1.4	8
26	Search for $B \hat{\pi}^{\pm} D^* \bar{K}^{\pm}$ decays. Physical Review Letters, 2020, 124, 041801.	1.6	28
27	Measurement of the muon flux from 400 GeV/c protons interacting in a thick molybdenum/tungsten target. European Physical Journal C, 2020, 80, 1.	1.4	4
29	Search for the lepton flavour violating decay $B \hat{\pi}^{\pm} K \bar{K}^{\pm}$ using $B \hat{\pi}^{\pm} K \bar{K}^{\pm}$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	13
30	Observation of a new baryon state in the $\Lambda_b^0 \{ \pi^+ \pi^- \}$ mass spectrum. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24
31	Measurement of the $\eta_c(1S)$ production cross-section in $p \bar{p}$ collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	17
32	Observation of the semileptonic decay $B \hat{\pi}^{\pm} \rho^{\pm} \mu^{\pm} \nu_{\mu}$. Journal of High Energy Physics, 2020, 2020, .	1.6	4
33	Measurement of CP violation in $B_0 \hat{\pi}^{\pm} D^* \bar{K}^{\pm}$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
34	Measurement of the branching fractions of the decays $D^+ \hat{\pi}^{\pm} K^{\pm} K^{\pm}$, $D^+ \hat{\pi}^{\pm} \bar{K}^{\pm} K^{\pm}$ and $D^+ \hat{\pi}^{\pm} K^{\pm} K^{\pm}$. Journal of High Energy Physics, 2019, 2019, .	1.6	6
35	Study of the $B_0 \hat{\pi}^{\pm} K^{\pm} (770)^0$ decay with an amplitude analysis of $B_0 \hat{\pi}^{\pm} (K^{\pm} \bar{K}^{\pm})$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
36	Measurement of the ratio of branching fractions of the decays $B_0 \hat{\pi}^{\pm} (2S) \bar{K}^{\pm}$ and $B_0 \hat{\pi}^{\pm} \bar{K}^{\pm}$. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5

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37	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^+ K^+$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
38	Sensitivity of the SHiP experiment to Heavy Neutral Leptons. Journal of High Energy Physics, 2019, 2019, 1.	1.6	48
39	Precision measurement of the $B^0 \rightarrow K^+ K^- K^+ K^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	20
40	Amplitude analysis of $B^0 \rightarrow K^+ K^- K^+ K^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
41	First Observation of the Radiative Decay $B^0 \rightarrow K^+ K^- K^+ K^- \gamma$. Physical Review Letters, 2019, 123, 031801.	2.9	19
42	Measurement of the branching fraction and CP asymmetry in $B^+ \rightarrow \rho^+ \psi(3700)^0$ decays. European Physical Journal C, 2019, 79, 1.	1.4	3
43	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2019, 122, 231802.	2.9	55
44	Near-threshold D^0 spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	1.6	29
45	LHCb Collaboration. Nuclear Physics A, 2019, 982, 1040-1050.	0.6	0
46	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	1.2	367
47	Amplitude analysis of the $B^0 \rightarrow K^+ K^- K^+ K^-$ decays and measurement of the branching fraction of the $B^0 \rightarrow K^+ K^- K^+ K^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
48	HE-LHC: The High-Energy Large Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 1109-1382.	1.2	108
49	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	1.2	424
50	Observation of New Resonances in the $B^0 \rightarrow K^+ K^- K^+ K^-$ decays. Physical Review Letters, 2019, 123, 152001.	2.9	49
51	Updated measurement of time-dependent CP-violating observables in $B^0 \rightarrow \rho^+ \psi(3700)^0$ decays. European Physical Journal C, 2019, 79, 1.	1.4	20
52	Measurements of CP asymmetries in charmless four-body Λ_b^0 and Ξ_b^0 decays. European Physical Journal C, 2019, 79, 1.	1.4	11
53	Measurement of $B^0 \rightarrow K^+ K^- K^+ K^-$ hadron fractions in 13.6 TeV pp collisions. Physical Review D, 2019, 100, .	1.6	51
54	Measurement of the relative $B^0 \rightarrow D^0 D^{*0} D^{*0} D^{*0}$ branching fractions from $B^0 \rightarrow D^0 D^{*0} D^{*0} D^{*0}$ decays. Physical Review D, 2019, 99, .	1.6	3

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55	Measurement of CP observables in the process $B_0 \rightarrow DK^*0$ with two- and four-body D decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
56	Search for the rare decay $B^+ \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$. European Physical Journal C, 2019, 79, 1.	1.4	11
57	Bose-Einstein correlations and $\langle \cos(\Delta\phi) \rangle$ from $B \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$ decays. Nuclear Physics A, 2019, 982, 347-350.	0.6	0
58	Measurement of the CP-violating phase β_1 from $B \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$ decays. Nuclear Physics A, 2019, 982, 247-250.	1.5	6
59	Highlights from the LHCb experiment. Nuclear Physics A, 2019, 982, 15-21.	0.6	0
60	Direct photon production at LHCb. Nuclear Physics A, 2019, 982, 251-254.	0.6	5
61	Study of coherent J/ψ production in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the LHCb experiment. Nuclear Physics A, 2019, 982, 247-250.	0.6	14
62	Observation of the $\Lambda_b^0 \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$ (3872) $p\bar{K}^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
63	Prompt Λ_c^+ baryons and D_0 meson production cross-section and nuclear modification in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the LHCb detector. Nuclear Physics A, 2019, 982, 683-686.	0.6	2
64	Measurement of the Charm-Mixing Parameter γ_{CP} . Physical Review Letters, 2019, 122, 011802.	2.9	15
65	Search for CP Violation in $D_s \rightarrow K^0 \ell^+ \ell^-$, $D \rightarrow K^0 \ell^+ \ell^-$, and $D \rightarrow K^+ \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 191803.	2.9	9
66	Observation of $B \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$ decays. Physical Review Letters, 2019, 122, 211803.	2.9	9
67	Flavour anomalies: a review. Journal of Physics: Conference Series, 2019, 1137, 012025.	0.3	14
68	FCC Physics Opportunities. European Physical Journal C, 2019, 79, 1.	1.4	346
69	Measurement of $B \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$ and $B \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$ decays. Physical Review Letters, 2019, 122, 211803.	1.6	17
70	Observation of $C \rightarrow P$ Violation in Charm Decays. Physical Review Letters, 2019, 122, 211803.	2.9	157
71	Measurement of $B \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$ and of the Two-Peak Structure of the $B \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$ decay. Physical Review Letters, 2019, 122, 232001.	2.9	14
72	Observation of an Excited $B \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$ State. Physical Review Letters, 2019, 122, 232001.	2.9	14

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73	Search for Lepton-Universality Violation in $B \rightarrow K^* \ell^+ \ell^-$ Decays. <i>Physical Review Letters</i> , 2019, 122, 101801.	2.9	355
74	Observation of the doubly Cabibbo-suppressed decay $\tilde{\Lambda}^+ \rightarrow \pi^+ \pi^0 p$. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	2.9	2
75	Model-Independent Observation of Exotic Contributions to $B \rightarrow J/\psi K^* K^0$ Decays. <i>Physical Review Letters</i> , 2019, 122, 152002.	2.9	24
76	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^0 \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	7
77	The experimental facility for the Search for Hidden Particles at the CERN SPS. <i>Journal of Instrumentation</i> , 2019, 14, P03025-P03025.	0.5	26
78	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. <i>Physical Review Letters</i> , 2019, 122, 132002.	2.9	48
79	Measurement of the mass and production rate of Λ_b^0 baryons. <i>Physical Review D</i> , 2019, 99, .	1.6	18
80	Prompt Λ^0 production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	14
81	Measurement of the electron reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2019, 14, P11023-P11023.	0.5	7
82	A search for Ξ_{cc}^{++} $\rightarrow D^+ p K^0$ decays. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	11
83	Measurement of CP violation in the $B_s^0 \rightarrow \pi^+ \pi^-$ decay and search for the $B^0 \rightarrow \pi^+ \pi^-$ decay. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	6
84	Measurement of the meson production fraction and asymmetry in 7 and 13 TeV pp collisions. <i>Physical Review D</i> , 2019, 100, .	1.6	12
85	Fast simulation of muons produced at the SHiP experiment using Generative Adversarial Networks. <i>Journal of Instrumentation</i> , 2019, 14, P11028-P11028.	0.5	26
86	Search for the Lepton-Flavor-Violating Decays $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^- \gamma$. <i>Physical Review Letters</i> , 2019, 123, 241802.	2.9	18
87	Measurement of C -Violating and Mixing-Induced Observables in $B \rightarrow K^* K^0$ Decay. <i>Physical Review Letters</i> , 2019, 123, 232001.	2.9	10
88	Amplitude Analysis of $B \rightarrow K^* K^0$ Decay. <i>Physical Review Letters</i> , 2019, 123, 232001.	2.9	38
89	Measurement of Charged Hadron Production in $B \rightarrow K^* K^0$ Decays. <i>Physical Review Letters</i> , 2019, 123, 232001.	2.9	10
90	Tagged Jets in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , 2019, 123, 232001.	2.9	10

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91	Observation of Two Resonances in the $\bar{B}^0 \rightarrow \bar{D}^0 \pi^0$ System and Precise Measurement of $\sin 2\beta$. <i>Physical Review Letters</i> , 2018, 120, 061801.	2.9	48
92	The detectors of the SHiP experiment at CERN. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 936, 724-725.	0.7	0
93	Search for excited B_c^+ states. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	15
94	Search for Dark Photons Produced in 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2018, 120, 061801.	2.9	113
95	First observation of forward $Z\tau^+\tau^-$ 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
96	Measurement of CP observables in $B_{\pm}^0 \rightarrow D(\bar{K}^0)K_{\pm}^0$ and $B_{\pm}^0 \rightarrow D(\bar{K}^0)\bar{K}_{\pm}^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 777, 16-30.	1.3	15
97	A measurement of the CP asymmetry difference between $\bar{B}^0 \rightarrow \bar{K}^0 \pi^0$ and $\bar{B}^0 \rightarrow \bar{K}^0 \pi^+$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, .	1.6	14
98	Measurement of CP asymmetry in $B^0 \rightarrow \bar{K}^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	13
99	Search for the lepton-flavour violating decays $B^0 \rightarrow \tau^+ \mu^- \nu_{\tau}$. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	21
100	First measurement of the CP-violating phase ϕ_1 in $B^0 \rightarrow \bar{K}^0 (K^0) \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	11
101	Test of lepton flavor universality by the measurement of the R_{τ}^{μ} ratio. <i>Physical Review Letters</i> , 2018, 120, 171802.	1.6	189
102	Measurement of the Ratio of the R_{τ}^{μ} ratio. <i>Physical Review Letters</i> , 2018, 120, 171802.	1.6	189
103	Measurement of the Ratio of the R_{τ}^{μ} ratio. <i>Physical Review Letters</i> , 2018, 120, 171802.	1.6	189

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109	Search for lepton-flavour-violating decays of Higgs-like bosons. European Physical Journal C, 2018, 78, 1008.	1.4	9
110	Evidence for an $\eta_c(1S) \pi^+ \pi^-$ resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^-$		

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127	Measurement of CP asymmetries in two-body B(s)0 -meson decays to charged pions and kaons. Physical Review D, 2018, 98, .	1.6	20
128	Observation of the decay $\hat{b} \rightarrow \hat{c} \pi^+ \pi^- (2S)$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
129	Testing lepton flavour universality in semileptonic $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	21
130	Measurement of the CP asymmetry in $\hat{B}^0 \rightarrow \hat{D}^0$ and $\hat{B}^0 \rightarrow \hat{D}^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	2
131	Search for CP violation using triple product asymmetries in $\hat{b} \rightarrow \hat{c} \rho^+ \pi^-$, $\hat{b} \rightarrow \hat{c} \rho^+ K^-$ and $\hat{b} \rightarrow \hat{c} \rho^0 \pi^+$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
132	Search for the rare decay $\hat{b} \rightarrow \hat{c} \mu^+ \mu^-$. Physical Review D, 2018, 97, .	1.6	17
133	Search for weakly decaying $\hat{b} \rightarrow \hat{c} \mu^+ \mu^-$ flavored pentaquarks. Physical Review D, 2018, 97, .	1.6	7
134	First observation of $\hat{B}^0 \rightarrow \hat{D}^0 s^+ K^-$ decays and a search for $\hat{B}^0 \rightarrow \hat{D}^0 s^+ \bar{\nu}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.8	11
135	Measurements of the branching fractions of $\hat{b} \rightarrow \hat{c} \pi^+ \pi^-$, $\hat{b} \rightarrow \hat{c} \rho^+ K^-$, and $\hat{b} \rightarrow \hat{c} \rho^0 \pi^+$. Journal of High Energy Physics, 2018, 2018, .	1.6	10
136	Measurement of CP violation in $\hat{B}^0 \rightarrow \hat{D}^0 \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
137	Amplitude Analysis of the Decay $\hat{B}^0 \rightarrow \hat{K}^0 \pi^+ \pi^-$ and First Observation of the CP Asymmetry in $\hat{B}^0 \rightarrow \hat{K}^0 \pi^+ \pi^-$. Physical Review Letters, 2018, 120, 261801.	2.9	14
138	Search for B_{c^+} decays to two charm mesons. Nuclear Physics B, 2018, 930, 563-582.	0.9	8
139	Measurement of the Lifetime of the Doubly Charmed Baryon $\hat{\chi}_{cc}^+$. Physical Review Letters, 2018, 121, 072002.	2.9	76
140	Measurement of branching fractions of charmless four-body $\hat{b} \rightarrow \hat{c} \pi^+ \pi^- \pi^+ \pi^-$ and $\hat{b} \rightarrow \hat{c} \pi^+ \pi^- \pi^0 \pi^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
141	Observation of the decay $\hat{b} \rightarrow \hat{c} \pi^+ \pi^- \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 101-111.	1.5	8
142	Observation of a New Resonance $\hat{B}^0 \rightarrow \hat{K}^0 \pi^+ \pi^-$. Physical Review Letters, 2018, 121, 072002.	2.9	77
143	Evidence for the Rare Decay $\hat{b} \rightarrow \hat{c} \mu^+ \mu^-$. Physical Review Letters, 2018, 120, 221803.	2.9	24
144	Search for the CP-violating strong decays $\hat{b} \rightarrow \hat{c} \pi^+ \pi^-$ and $\hat{b} \rightarrow \hat{c} \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 233-240.	1.5	7

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145	Search for the suppressed decays $B \rightarrow K^+ K^+ \bar{K}^0$ and $B \rightarrow K^+ \bar{K}^0 \bar{K}^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	1.5	9
146	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	6.5	64
147	Amplitude analysis of $B \rightarrow K^+ K^+ \bar{K}^0$ decays. Observation of the $B \rightarrow K^+ K^+ \bar{K}^0$ decay mode. $B \rightarrow K^+ K^+ \bar{K}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	1.6	92
148	Consistent with Exotic States from Amplitude Analysis of $B \rightarrow K^+ K^+ \bar{K}^0$ decays. Observation of the $B \rightarrow K^+ K^+ \bar{K}^0$ decay mode. $B \rightarrow K^+ K^+ \bar{K}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	2.9	150
149	Physical Review Letters, 2017, 118, 081801.	2.9	25
150	First Experimental Study of Photon Polarization in Radiative B_s^0 Decays. Physical Review Letters, 2017, 118, 021801.	2.9	20
151	Measurement of forward $B \rightarrow K^+ K^+ \bar{K}^0$ decays. Observation of the $B \rightarrow K^+ K^+ \bar{K}^0$ decay mode. $B \rightarrow K^+ K^+ \bar{K}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	1.5	7
152	and evidence for $B \rightarrow K^+ K^+ \bar{K}^0$ decays. Observation of the $B \rightarrow K^+ K^+ \bar{K}^0$ decay mode. $B \rightarrow K^+ K^+ \bar{K}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	1.6	21
153	Quark Production Cross Section in $B \rightarrow K^+ K^+ \bar{K}^0$ decays. Physical Review Letters, 2017, 118, 052002.	2.9	52
154	The active muon shield in the SHiP experiment. Journal of Instrumentation, 2017, 12, P05011-P05011.	0.5	20
155	Measurement of the phase difference between short- and long-distance amplitudes in the $B \rightarrow K^+ K^+ \bar{K}^0$ decay. European Physical Journal C, 2017, 77, 161.	1.4	51
156	Study of the $D^0 \rightarrow p$ amplitude in $B \rightarrow K^+ K^+ \bar{K}^0$ decays. Journal of High Energy Physics, 2017, 2017, 11.6	11.6	54
157	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	1.4	54
158	Observation of $B \rightarrow K^+ K^+ \bar{K}^0$ and $B \rightarrow K^+ \bar{K}^0 \bar{K}^0$ decays. European Physical Journal C, 2017, 77, 72.	1.4	7
159	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^+ \bar{K}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	1.5	17
160	Observation of the Decay $B \rightarrow K^+ K^+ \bar{K}^0$. Physical Review Letters, 2017, 118, 071801.	2.9	9
161	Search for long-lived scalar particles in $B \rightarrow K^+ K^+ \bar{K}^0$ decays. Observation of the $B \rightarrow K^+ K^+ \bar{K}^0$ decay mode. $B \rightarrow K^+ K^+ \bar{K}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	1.6	79
162	Study of prompt D^0 meson production in pPb collisions at $\sqrt{s_{NN}} = 5.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	45

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163	Prompt and nonprompt J/ψ production and nuclear modification in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 159-178.	1.5	37
164	Measurement of the branching fraction of the rare decay $B \rightarrow \mu^+ \mu^- \tau^+ \tau^-$. Physical Review D, 2017, 95, .	1.4	17
165	Study of charmonium production in $B \rightarrow \psi(3700) \psi(3700)$ b-hadron decays and first evidence for the decay $B \rightarrow \psi(3700) \psi(3700)$. European Physical Journal C, 2017, 77, 609.	1.4	17
166	Improved limit on the branching fraction of the rare decay $B \rightarrow \mu^+ \mu^- \tau^+ \tau^-$. European Physical Journal C, 2017, 77, 678.	1.4	17
167	Observation of $B_c \rightarrow \tau^+ J/\psi D^{(*)} K^{(*)}$ decays. Physical Review D, 2017, 95, .	1.6	12
168	Measurements of charm mixing and CP violation using $B \rightarrow D^{(*)} K^{(*)}$ decays. Physical Review D, 2017, 95, .	1.6	11
169	Measurement of the B_{Δ^\pm} production asymmetry and the CP asymmetry in $B_{\Delta^\pm} \rightarrow \tau^+ J/\psi K_{\Delta^\pm}$ decays. Physical Review D, 2017, 95, .	1.6	6
170	Search for the $B \rightarrow 0 \nu \nu \nu$ decay. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
171	Observation of the decay $B \rightarrow 0 \nu \nu \nu$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	1.6	11
172	Measurement of $B \rightarrow D^{(*)} K^{(*)}$ and $B \rightarrow D^{(*)} K^{(*)}$ meson lifetimes. Physical Review Letters, 2017, 119, 101801.	2.9	15
173	Measurement of the CP Violation Parameter A_{FB}^{τ} in $D \rightarrow \tau^+ K^+ K^-$ and $D \rightarrow \tau^+ \bar{K}^0 K^0$ Decays. Physical Review Letters, 2017, 118, 261803.	2.9	20
175	Observation of $B \rightarrow D^{(*)} K^{(*)}$ and $B \rightarrow D^{(*)} K^{(*)}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	2.9	25
176	Observation of Five New Narrow $B \rightarrow D^{(*)} K^{(*)}$ States Decaying to $B \rightarrow D^{(*)} K^{(*)}$. Physical Review Letters, 2017, 119, 112001.	2.9	234
177	Measurement of CP asymmetries in $D_{\Delta^\pm} \rightarrow \tau^+ \bar{K}^0 K^0$ and $D_{\Delta^\pm} \rightarrow \tau^+ \bar{K}^0 K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	1.5	8
178	Observation of $B \rightarrow D^{(*)} K^{(*)}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	18
179	Measurement of the $B \rightarrow D^{(*)} K^{(*)}$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	17
180	Branching Fraction and Effective Lifetime and Search for $B \rightarrow D^{(*)} K^{(*)}$. Physical Review Letters, 2017, 118, 1	2.9	220

#	ARTICLE	IF	CITATIONS
181	Study of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Production in Jets. Physical Review Letters, 2017, 118, 192001.	2.9	39
182	Observation of the Decays $\hat{b} \rightarrow \hat{c} + \hat{K}^0$ and $\hat{b} \rightarrow \hat{c} + \hat{K}^*$. Physical Review Letters, 2017, 119, 062001.	2.9	28
183	Observation of the $B \rightarrow D^* K^0$ decay. Physical Review D, 2017, 96, .	1.6	4
184	Search for the Decays $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Physical Review Letters, 2017, 118, 251802.	2.9	81
185	Measurement of the shape of the $\hat{b} \rightarrow \hat{c} + \hat{K}^0$ differential decay rate. Physical Review D, 2017, 96, .	1.6	29
186	Observation of the suppressed decay $\hat{b} \rightarrow \hat{c} + \hat{K}^0$ and $\hat{b} \rightarrow \hat{c} + \hat{K}^*$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
187	Test of lepton universality with $B \rightarrow K^0 \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2017, 2017, 1.	1.6	425
188	$\hat{c} \rightarrow \hat{c}^* \hat{K}^0$ and $\hat{c} \rightarrow \hat{c}^* \hat{K}^*$ Resonance Parameters with the Decays $\hat{c} \rightarrow \hat{c}^* \hat{K}^0$. Physical Review Letters, 2017, 119, 221801.	1.6	18
189	Observation of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ Meson Decays to $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Physical Review Letters, 2017, 119, 181805.	2.9	21
190	LHCb Collaboration. Nuclear Physics A, 2017, 967, 987-993.	0.6	1
191	Search for Baryon-Number Violating $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mathvariant="normal"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ Oscillations. Physical Review Letters, 2017, 119, 181807.	2.9	6
192	Measurement of the J/ψ pair production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	34
193	New algorithms for identifying the flavour of B^0 mesons using pions and protons. European Physical Journal C, 2017, 77, 238.	1.4	11
194	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
195	Search for CP violation in the phase space of $D \rightarrow \hat{c} \hat{K}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 345-356.	1.5	10
196	Evidence for the two-body charmless baryonic decay $B \rightarrow \hat{c}^* \hat{p} \hat{\Lambda}^-$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
197	First Observation of the Rare Purely Baryonic Decay $B \rightarrow \hat{c}^* \hat{p} \hat{\Lambda}^-$. Physical Review Letters, 2017, 119, 232001.	2.9	15
198	Resonances and CP violation in $B \rightarrow \hat{c} \hat{K}^0$ and $B \rightarrow \hat{c} \hat{K}^*$ decays in the mass region above the $\hat{c} \hat{K}^0$ threshold. Journal of High Energy Physics, 2017, 2017, 1.	1.6	19

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200	Measurement of CP observables in $B^{\pm} \rightarrow DK^{\pm}$ decays using two- and four-body D final states. Journal of High Energy Physics, 2017, 2017, 1.	1.6	7
201	Measurement of $B_0 \rightarrow B^+ B^-$ and $B^+ \rightarrow B^0 \pi^+$ decays. Journal of High Energy Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 139-158.	1.5	13
202	Measurement of CP violation in $B_0 \rightarrow \pi^+ \pi^-$ and $B_0 \rightarrow \pi^+ \pi^- (2S)$ decays. Journal of High Energy Physics, 2017, 2017, .	1.6	9
203	First Observation of a Baryonic $B^0 \rightarrow \Lambda^0 \pi^0$ Decay. Physical Review Letters, 2017, 119, 041802.	1.6	14
204	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	1.4	41
205	Updated branching fraction measurements of $B_0 \rightarrow \pi^+ \pi^- K^0$ decays. Journal of High Energy Physics, 2017, 2017, .	1.6	6
206	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12
207	Observation of the decay $B_s^0 \rightarrow \pi^+ \pi^-$ and evidence for $B_s^0 \rightarrow \pi^+ \pi^- c \bar{c}$. Journal of High Energy Physics, 2017, .	1.6	6
208	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
209	Measurement of the B^{\pm} production cross-section in pp collisions at $\sqrt{s} = 7$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, .	1.6	17
210	Measurement of the $Y(nS)$ polarizations in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
211	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^+ \rightarrow \pi^+ \pi^0$ and $B^+ \rightarrow \pi^+ \pi^+ K^-$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
212	A precise measurement of the B^0 meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.4	21
213	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	1.4	26
214	Observations of $\Lambda_b^0 \rightarrow \Lambda^0 K^+ K^-$ and $\Lambda_b^0 \rightarrow \Lambda^0 K^+ K^0$ decays and searches for other Λ_b^0 and Σ_b^0 decays to Λ^0 final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
215	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	16
216	Observation of $\Lambda_b^0 \rightarrow \Lambda^0 \pi^+ \pi^-$ and $\Lambda_b^0 \rightarrow \Lambda^0 \pi^+ \pi^- K^0$ decays and a measurement of the Λ_b^0 baryon mass. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17

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217	Measurement of the properties of the Λ_b^- baryon. Journal of High Energy Physics, 2016, 2016, .	1.6	21
218	Production of associated Υ and open charm hadrons in pp collisions at $\sqrt{s} = 7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	1.6	37
219	Measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow DK^*$ with $D \rightarrow K^* S^0 \rightarrow K^* \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	8
220	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
221	Measurement of the ratio of branching fractions $\hat{a}_{\rightarrow B^0 \rightarrow K^* J/\psi} / \hat{a}_{\rightarrow B^0 \rightarrow K^* J/\psi}$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
222	Measurement of forward $W^+ e^{1/2}$ production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
223	Measurement of the CKM angle $\hat{\beta}^3$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
224	Measurements of the S-wave fraction in $B^0 \rightarrow K^* K^* \pi^+ \pi^-$ decays and the $B^0 \rightarrow K^* K^* \pi^+ \pi^-$ differential branching fractions. Journal of High Energy Physics, 2016, 2016, 1.	1.6	75
225	Study of the production of Λ_c^+ and Λ_b^0 hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	1.5	77
226	A new algorithm for identifying the flavour of B^0 mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	0.5	12
227	Amplitude analysis of $B^0 \rightarrow D^+ D^-$ mesons. Physical Review D, 2016, 94, .		
228	Study of B_c^+ decays to the $K^+ K^* \pi^+$ final state and evidence for the decay $B_c^+ \rightarrow K^* \pi^+$. Physical Review D, 2016, 94, .	1.6	20
229	Measurement of $C \rightarrow P$ violation in $B^0 \rightarrow D^+ D^-$. Journal of High Energy Physics, 2016, 2016, 1.	2.9	12
230	Measurement of the $B^0 \rightarrow D^+ D^-$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 484-492.	1.5	6
231	Search for the lepton-flavour violating decay $D^0 \rightarrow e^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	1.5	20
232	Model-independent measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow DK^* \rightarrow 0$ decays with $D \rightarrow K^* S^0 \rightarrow K^* \pi^+ \pi^-$ and $K^* S^0 \rightarrow K^* \pi^+ \pi^-$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	9
233	Measurements of long-range near-side angular correlations in $B^0 \rightarrow D^+ D^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 473-483.	1.5	17
234	Measurements of long-range near-side angular correlations in proton-lead collisions in the forward region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 473-483.	1.5	17

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236	Observation of the $\bar{B}^0 \rightarrow \bar{B}^0 \ell^+ \ell^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	1.5	14
237	Measurement of CP observables in $B_{\pm}^0 \rightarrow D K_{\pm}^0$ and $B_{\pm}^0 \rightarrow D^* K_{\pm}^0$ 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
238	Measurement of the C Asymmetry in $B \rightarrow C P$ Asymmetry in $B \rightarrow s \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	2.9	22
239	Evidence for Exotic Hadron Contributions to $B \rightarrow K \ell^+ \ell^-$ Decays. Physical Review D, 2016, 93, .	2.9	102
240	Studies of the resonance structure in $B \rightarrow K \ell^+ \ell^-$ decays. Physical Review D, 2016, 93, .	2.9	110
241	Measurement of the mass and lifetime of the $\bar{B}^0 \rightarrow \bar{B}^0 \ell^+ \ell^-$ baryon. Physical Review D, 2016, 93, .	1.6	20
242	Measurement of the mass and lifetime of the $\bar{B}^0 \rightarrow \bar{B}^0 \ell^+ \ell^-$ baryon. Physical Review D, 2016, 93, .	1.6	13
243	Oscillations in $B \rightarrow D K$ decays. Physical Review D, 2016, 93, .	2.9	27
244	First observation of the rare $B \rightarrow D K \ell^+ \ell^-$ decay. Physical Review D, 2016, 93, .	1.6	5
245	Measurement of the $B_s^0 \rightarrow D_s^* \ell^+ \ell^-$ branching fractions. Physical Review D, 2016, 93, .	1.6	5
246	Constraints on the unitarity triangle angle β from Dalitz plot analysis of $B \rightarrow D K \ell^+ \ell^-$ decays. Physical Review D, 2016, 93, .	1.6	13
247	Observation of $B_s^0 \rightarrow D^* K S^0$ and Evidence for $B_s^0 \rightarrow D^* K S^0$ Decays. Physical Review Letters, 2016, 116, 161802.	2.9	6
248	Measurement of the Difference of Time-Integrated C Asymmetries in $B \rightarrow C P$ Asymmetries in $B \rightarrow D K$ decays. Physical Review D, 2016, 93, .	2.9	42
249	Symmetry in $B \rightarrow C P T$ decays. Physical Review D, 2016, 93, .	2.9	31
250	Search for Heavy Right Handed Neutrinos at the FCC-ee. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1883-1890.	0.2	89
251	Search for Structure in the $B \rightarrow s \ell^+ \ell^-$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	2.9	78
252	Differential branching fraction and angular moments analysis of the decay $B \rightarrow K \ell^+ \ell^-$ in the $K(1430)^0$ region. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15

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253	Study of D_{s1}^* mesons decaying to $D^* K S^0$ and $D^* K^+ K^-$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
254	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, .	1.6	59
255	Study of $\Upsilon(2S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
256	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^+ K^- S^0$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	13
257	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	100
258	First observation of the decay $B_s^0 \rightarrow K^+ K^- S^0 K^+ K^-$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1. 5	1.6	8
259	Observation of the $B_s^0 \rightarrow K^+ K^- S^0$ decay. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
260	First observation of the decay $D^0 \rightarrow K^+ K^- S^0$ in the J/ψ region of the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	1.5	13
261	Angular analysis of the $B^0 \rightarrow K^+ K^- S^0$ decay using 3 fb $^{-1}$ of integrated luminosity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	304
262	SHIP: a new facility with a dedicated detector to search for new long-lived neutral particles. , 2016, , .		0
263	Study of CP violation in $B^0 \rightarrow D^+ D^- (h=K, \pi)$ with the modes $D^+ \rightarrow K^+ \pi^0, D^+ \rightarrow \pi^+ \pi^0$ and $D^+ \rightarrow K^+ \pi^0$. Physical Review D, 2015, 91, .	1.6	14
264	Study of $B^0 \rightarrow D^+ D^-$ decay using 3 fb $^{-1}$ of integrated luminosity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	6
265	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	2.9	22
266	Evidence for the Strangeness-Changing Weak Decay $B^0 \rightarrow D^+ D^-$. Physical Review D, 2015, 92, .	2.9	25
267	First observation and amplitude analysis of the $B^0 \rightarrow D^+ D^-$ decay. Physical Review D, 2015, 92, .	1.6	50
268	Amplitude analysis of $B^0 \rightarrow D^+ D^-$ decay. Physical Review D, 2015, 92, .	1.6	69
269	Dalitz plot analysis of $B^0 \rightarrow D^+ D^-$ decay. Physical Review D, 2015, 92, .	1.6	30
270	Amplitude analysis of $B^0 \rightarrow D^+ D^-$ decay. Physical Review D, 2015, 92, .	1.6	80

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272	Measurement of the branching fraction ratio $B(B_c \rightarrow \tau(2S)\bar{\nu}_\tau)/B(B_c \rightarrow J/\psi\bar{\nu}_\tau)$. Physical Review D, 2015, 92, .	1.6	14
273	Search for the rare decays $B \rightarrow J/\psi\bar{\nu}_\tau$ and $B_s \rightarrow J/\psi\bar{\nu}_\tau$. Physical Review D, 2015, 92, .	1.6	8
274	Measurement of C P Violation in $B \rightarrow C\bar{P}$ Resonances Consistent with Pentaquark States in $B \rightarrow J/\psi\bar{\nu}_\tau$ Decay. Physical Review Letters, 2015, 115, 031601.	2.9	30
275	Observation of the $B_s \rightarrow J/\psi\bar{\nu}_\tau$ Decay. Physical Review Letters, 2015, 115, 051801.	2.9	9
276	Observation of J/ψ Resonances Consistent with Pentaquark States in $B \rightarrow J/\psi\bar{\nu}_\tau$ Decay. Physical Review Letters, 2015, 115, 051801.	2.9	816
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290	Measurement of CP violation parameters and polarisation fractions in $B^0 \rightarrow J/\psi K^+ K^-$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
291	Measurement of forward $Z \rightarrow e^+ e^-$ production at $s = 8 \sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
292	Differential branching fraction and angular analysis of $B^0 \rightarrow \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2015, 2015, .	1.6	82
293	Measurement of the time-dependent CP asymmetries in $B^0 \rightarrow J/\psi K^0$. Journal of High Energy Physics, 2015, 2015, .	1.6	12
294	Search for the decay $B^0 \rightarrow D^0 \gamma$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
295	Measurement of forward J/ψ production cross-sections in pp collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
296	Observation of the decay $B^0 \rightarrow K^+ K^- \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	1.5	13
297	Angular analysis and differential branching fraction of the decay $B^0 \rightarrow \pi^+ \pi^-$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	191
298	Search for New Physics in SHiP and at future colliders. Journal of Instrumentation, 2015, 10, C07007-C07007.	0.5	11
299	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $s = 7 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	14
300	Angular analysis of the $B^0 \rightarrow K^+ K^- e^+ e^-$ decay in the low- q^2 region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
301	Determination of the branching fractions of $B^0 \rightarrow D^+ S^-$ and $B^0 \rightarrow D^+ K^-$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
302	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
303	Observation of the $B^0 \rightarrow \pi^+ \pi^-$ decay from an amplitude analysis of $B^0 \rightarrow (\pi^+ \pi^-) (\pi^+ \pi^-)$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	1.5	14
304	Measurement of the lifetime of the B^0 meson using the $B^0 \rightarrow \pi^+ \pi^-$ decay. Journal of High Energy Physics, 2015, 2015, 1.	1.6	29
305	Observation of two New $B^0 \rightarrow \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2015, 2015, 1.	2.9	47
306	Measurement of the CP-violating phase β in $B^0 \rightarrow \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 38-49.	1.5	31

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308	Study of the rare $B \rightarrow \bar{C} \ell \bar{\nu}_\ell$ and $B_0 \rightarrow \bar{C} \ell \bar{\nu}_\ell$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 743, 46-55.	1.5	17
309	Precision Measurement of $B \rightarrow \bar{C} \ell \bar{\nu}_\ell$ Asymmetry in $B \rightarrow \bar{C} \ell \bar{\nu}_\ell$	2.9	32
310	Violation in $B \rightarrow \bar{C} \ell \bar{\nu}_\ell$ Asymmetry in $B \rightarrow \bar{C} \ell \bar{\nu}_\ell$	2.9	65
311	Measurement of $B \rightarrow \bar{C} \ell \bar{\nu}_\ell$ Asymmetry in $B \rightarrow \bar{C} \ell \bar{\nu}_\ell$	2.9	61
312	LHCb detector performance. <i>International Journal of Modern Physics A</i> , 2015, 30, 1530022.	0.5	604
313	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2015, 75, 152.	1.4	44
314	Search for CP violation in $B \rightarrow \bar{C} \ell \bar{\nu}_\ell$	1.5	20
315	Study of $B \rightarrow \bar{C} \ell \bar{\nu}_\ell$ mixing from measurement of $B \rightarrow \bar{C} \ell \bar{\nu}_\ell$ decay rates. <i>Journal of High Energy Physics</i> , 2015, 2015, .	1.6	13
316	Measurement of the Z+b-jet cross-section in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	9
317	Search for the lepton flavour violating decay $B \rightarrow \bar{C} \ell \bar{\nu}_\ell$. <i>Journal of High Energy Physics</i> , 2015, 2015, .	1.6	32
318	Precise measurements of the properties of the $B(5721)_{0,+}$ and $B_2^*(5747)_{0,+}$ states and observation of $B_{+,0} \rightarrow \bar{C} \ell \bar{\nu}_\ell$ mass structures. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	21
319	Measurement of indirect CP asymmetries in $D_0 \rightarrow \bar{K}^+ K^-$ and $D_0 \rightarrow \bar{K}^+ \ell^+ \ell^-$ decays using semileptonic B decays. <i>Journal of High Energy Physics</i> , 2015, 2015, .	1.6	17
320	Observation of the rare $B_s \rightarrow \bar{C} \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. <i>Nature</i> , 2015, 522, 68-72.	13.7	390
321	Identification of beauty and charm quark jets at LHCb. <i>Journal of Instrumentation</i> , 2015, 10, P06013-P06013.	0.5	42
322	Measurement of the $\sigma(\text{proton} \rightarrow \text{proton} + \text{jet})$ production cross-section in proton-proton collisions via		

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325	Precision Measurement of the Mass and Lifetime of the τ Lepton $\tau \rightarrow \mu \nu_{\tau} \nu_{\mu}$ Physical Review Letters, 2014, 113, 242002.	2.9	39
326	The GAP project - GPU for realtime applications in high energy physics and medical imaging. , 2013, , .		0