

Francesca Dordei

List of Publications by Year in descending order

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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
19	LHCb Collaboration. Nuclear Physics A, 2021, 1005, 122093.	0.6	0
20	Observation of a new B_c^0 state. Physical Review D, 2021, 103, .	1.6	21
21	Study of $B_s^0 \rightarrow J/\psi K^+ K^-$ decays. Journal of High Energy Physics, 2021, 2021, 1.	1.6	9
22	First Observation of the Decay $B_c^0 \rightarrow K^+ K^-$ and a Measurement of $B_c^0 \rightarrow K^+ K^-$. Physical Review Letters, 2021, 126, 081804.	2.9	20
23	Measurement of differential $b\bar{b}$ - and $c\bar{c}$ -dijet cross-sections in the forward region of pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
24	Measurement of the CKM angle β^3 in $B_{d,s}^{\pm} \rightarrow D^{\pm} K^{\pm}$ and $B_{d,s}^{\pm} \rightarrow D^{\pm} K^{\pm}$ decays with $D^{\pm} \rightarrow K^{\pm} K^{\pm}$. Journal of High Energy Physics, 2021, 2021, 1.	1.6	6
25	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
26	Search for long-lived particles decaying to $e^+ \mu^-$ or $e^- \mu^+$. European Physical Journal C, 2021, 81, 1.	1.4	9
27	Observation of a New Excited D^0 Meson in $D^0 \rightarrow K^+ K^-$. Physical Review Letters, 2021, 126, 091802.	2.9	20
28	Observation of Multiplicity Dependent Prompt D^0 Meson Production in $p\bar{p}$ Collisions. Physical Review Letters, 2021, 126, 091802.	2.9	20
29	Observation of the $B_c^0 \rightarrow D^+ D^-$ decay. Journal of High Energy Physics, 2021, 2021, 1.	1.6	2
30	Search for heavy neutral leptons in $W^+ \rightarrow \mu^+ \mu^+ \mu^-$, ext $\{jet\}$ decays. European Physical Journal C, 2021, 81, 1.	1.4	15
31	Measurement of C Violation in the Decay $B_c^0 \rightarrow K^+ K^-$. Physical Review Letters, 2021, 126, 091802.	2.9	9
32	Observation of CP violation in two-body B_c^0 -meson decays to charged pions and kaons. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
33	Search for the rare decay $B^0 \rightarrow J/\psi K^*$. Chinese Physics C, 2021, 45, 043001.	1.5	2
34	Angular Analysis of the $B_c^0 \rightarrow K^+ K^-$ Decay. Physical Review Letters, 2021, 126, 161802.	2.9	9
35	Observation of the $B_c^0 \rightarrow K^+ K^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136172.	1.5	1
36	Measurement of the prompt-production cross-section ratio $\sigma(\mu^+ \mu^-)/\sigma(\mu^+ \mu^-)$ in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV. Physical Review C, 2021, 103, .	1.1	5

#	ARTICLE	IF	CITATIONS
37	and electron $\langle \mathbb{Z} \rangle$ and proton and cesium weak charges implications on dark χ model	1.6	29
38	Observation of new excited B_c^0 states. European Physical Journal C, 2021, 81, .	1.4	9
39	Measurement of C asymmetry in B_c^0 decay	1.6	3
40	Precise measurement of the B_c^0 ratio of fragmentation fractions and of B_c^0 decay	1.6	32
41	and B_c^0 decay	2.9	93
42	Search for the doubly charmed baryon Ξ_{cc}^+ . Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	2.0	10
43	C violation in B_c^0 decay	1.6	6
44	Search for the doubly heavy baryons Ξ_{cc}^+ and Ξ_{cc}^0 decaying to Λ_c^+ and Λ_c^0 . Chinese Physics C, 2021, 45, 093002.	1.5	23
45	Observation of the Mass Difference between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2021, 127, 111801.	2.9	23
46	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
47	Search for time-dependent C violation in B_c^0 decay	1.6	9
48	First measurement of the B_c^0 CP-violating phase in $B_c^0 \rightarrow J/\psi \ell^+ \ell^-$	1.4	2
49	Observation of excited B_c^0 baryons in B_c^0 decay	1.6	19
51	New insights into nuclear physics and weak mixing angle using electroweak probes. Physical Review C, 2021, 104, .	1.1	17
52	Observation of the suppressed B_c^0 decay with $B_c^0 \rightarrow D^+ p K^-$	1.6	16
53	Search for the doubly charmed baryon Ξ_{cc}^+ . Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	35
54	Neutrino, electroweak, and nuclear physics from COHERENT elastic neutrino-nucleus scattering with refined quenching factor. Physical Review D, 2020, 101, .	1.6	31

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55	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
56	Precision measurement of the B_c^+ meson mass. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
57	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, 112001.	1.6	8
58	Isospin Amplitudes in $B_c^+ \rightarrow \pi^+ \pi^0$ Decays		

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73	First Observation of Excited χ_{c0} States. Physical Review Letters, 2020, 124, 082002.	2.9	44
74	Design and construction of a new detector to measure ultra-low radioactive-isotope contamination of argon. Journal of Instrumentation, 2020, 15, P02024-P02024.	0.5	19
75	Measurement of the Λ_b^0 angular distribution and the Λ_b^0 polarisation in pp collisions. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
76	Measurement of C -Averaged Observables in the $B \rightarrow K^* \chi_{c0}$ decays. Physical Review Letters, 2020, 125, 011802.	2.9	128
77	Measurement of CP observables in $B_{\pm} \hat{\rightarrow} DK_{\pm}$ and $B_{\pm} \hat{\rightarrow} D \bar{K}_{\pm}$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
78	Precision measurement of the χ_{cc}^{++} mass. Journal of High Energy Physics, 2020, 2020, 1.	1.6	33
79	Measurement of χ_{c0} production in pp collisions at $\sqrt{s} = 13$ TeV. Chinese Physics C, 2020, 44, 022001.	1.5	16
80	Determination of quantum numbers for several excited charmed mesons observed in $B_{\pm} \hat{\rightarrow} D^* \bar{K}^0$ decays. Physical Review D, 2020, 101, .	1.6	21
81	Amplitude analysis of the $B \rightarrow K^* \chi_{c0}$ decays. Observation of Several Sources of χ_{c0} . Physical Review Letters, 2020, 124, 031801.	1.6	42
82	Violation in $B \rightarrow K^* \chi_{c0}$ decays. Physical Review Letters, 2020, 124, 031801.	2.9	32
83	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
84	Measurement of χ_{c0} production cross-sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, .	1.6	28
85	Search for χ_{c0} decays. Physical Review Letters, 2020, 124, 041801.	2.9	148
86	Search for the lepton flavour violating decay $B^+ \hat{\rightarrow} K^+ \ell^+ \ell'^- \nu_{\ell'}$, using $B_{\pm} \hat{\rightarrow} \pi^0$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	13
87	Observation of a new baryon state in the Λ_b^0 mass spectrum. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24
88	Searches for low-mass dimuon resonances. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24
89	Search for the doubly heavy χ_{bc}^0 baryon via decays to $D^0 p K^+$. Journal of High Energy Physics, 2020, 2020, 1.	1.6	13
90	Strong constraints on the $b \hat{\rightarrow} s^3$ photon polarisation from $B^0 \hat{\rightarrow} K^* e^+ e^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	19

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91	Measurement of the relative branching fractions of $B \rightarrow D^* \pi$ decays. Physical Review D, 2020, 102, .	1.6	6
92	Measurement of the $\eta(1S)$ production cross-section in $p\bar{p}$ collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	17
93	Search for CP violation in $\chi_{c1} \rightarrow K^+ \pi^+ \pi^-$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	1.4	14
94	Measurement of branching fraction ratios for $B^+ \rightarrow D^{*+} K^+$, $B^+ \rightarrow D^{*0} K^+$, and $B^0 \rightarrow D^{*+} K^+$ decays. Journal of High Energy Physics, 2020, 2020, .	1.6	1
95	Measurement of the shape of the $B_s^0 \rightarrow D_s^{*+} \mu^+ \mu^-$ differential decay rate. Journal of High Energy Physics, 2020, 2020, 1.	1.6	7
96	First observation of the decay $B^0 \rightarrow D^+ \pi^-$. Journal of High Energy Physics, 2020, 2020, 1.	1.6	0
97	Observation of the semileptonic decay $B^0 \rightarrow D^+ \mu^- \mu^+$. Journal of High Energy Physics, 2020, 2020, .	1.6	4
98	Measurement of CP violation in $B^0 \rightarrow D^+ D_s^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
99	Measurement of the branching fractions of the decays $D^+ \rightarrow K^+ K^+ \pi^-$, $D^+ \rightarrow K^+ K^+ \pi^0$ and $D^+ \rightarrow K^+ K^+ \pi^+$. Journal of High Energy Physics, 2019, 2019, .	1.6	6
100	Study of the $B^0 \rightarrow D^+ K^{*0}$ decay with an amplitude analysis of $B^0 \rightarrow D^+ (K^+ \pi^-)$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
101	Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow D^+ D_s^-$ and $B^0 \rightarrow D^+ D_s^0$. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
102	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^+ \pi^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
103	Precision measurement of the $B^0 \rightarrow D^+ \pi^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	20
104	Amplitude analysis of $B^0 \rightarrow D^+ K^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
105	First Observation of the Radiative Decay $B^0 \rightarrow D^+ \pi^- \gamma$. Physical Review Letters, 2019, 123, 031801.	2.9	19
106	Measurement of the branching fraction and CP asymmetry in $B^0 \rightarrow D^+ \pi^-$ decays. European Physical Journal C, 2019, 79, 1.	1.4	3
107	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2019, 122, 231802.	2.9	55
108	Near-threshold $D\bar{D}$ spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	1.6	29

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109	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	1.2	367
110	Amplitude analysis of the $B_{(s)}^0 \rightarrow K^0 \overline{K}^0$ decays and measurement of the branching fraction of the $B^0 \rightarrow K^0 \overline{K}^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
111	HE-LHC: The High-Energy Large Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 1109-1382.	1.2	108
112	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	1.2	424
113	Observation of New Resonances in the $\Lambda(1520) \rightarrow p \pi^-$ decay. Physical Review Letters, 2019, 123, 152001.	2.9	49
114	Design and performance of the LHCb trigger and full real-time reconstruction in Run 2 of the LHC. Journal of Instrumentation, 2019, 14, P04013-P04013.	0.5	47
115	Potentialities of a low-energy detector based on ^4He evaporation to observe atomic effects in coherent neutrino scattering and physics perspectives. Physical Review Letters, 2019, 123, 152001.	1.6	16
116	Updated measurement of time-dependent CP -violating observables in $B^0 \rightarrow \psi K^+ K^-$ decays. European Physical Journal C, 2019, 79, 1.	1.4	20
117	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
118	Measurement of hadron fractions in 13 TeV $p\bar{p}$ collisions. Physical Review D, 2019, 100, .	1.6	51
119	Measurement of the relative $B^0 \rightarrow D^0 D^{*0} \bar{D}^{*0} \bar{D}^{*0}$ branching fractions using B^0 mesons from $B^0 \rightarrow D^{*0} D^{*0}$ decays. Physical Review D, 2019, 99, .	1.6	3
120	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
121	Search for the rare decay $B^0 \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. European Physical Journal C, 2019, 79, 1.	1.4	11
122	Measurement of the CP -violating phase γ_1 from $B^0 \rightarrow s \bar{c} c$ decays. Physics Letters, 2019, 811, 291-300.	1.5	6
123	Observation of the $\Lambda_b^0 \rightarrow \psi(3720) p \bar{K}^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
124	Measurement of the Charm-Mixing Parameter γ_{CP} . Physical Review Letters, 2019, 122, 011802.	2.9	15
125	Search for CP Violation in $D_s^+ \rightarrow K^0 \ell^+ \nu_\ell$, $D^+ \rightarrow K^0 \ell^+ \nu_\ell$, and $D^+ \rightarrow \bar{K}^0 \ell^+ \nu_\ell$ Decays. Physical Review Letters, 2019, 122, 191803.	2.9	9
126	Observation of $B^0 \rightarrow s \bar{c} c$ decays. Physical Review Letters, 2019, 122, 011802.	2.9	9

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127	FCC Physics Opportunities. European Physical Journal C, 2019, 79, 1. Measurement of $\langle B \rangle + \langle \bar{B} \rangle$, $\langle B \rangle$ and $\langle B \rangle$ Observation of a Narrow Pentaquark State Observation of a Narrow Pentaquark State	1.4	346
128	Measurement of $\langle B \rangle + \langle \bar{B} \rangle$, $\langle B \rangle$ and $\langle B \rangle$ Observation of a Narrow Pentaquark State	1.6	17
129	Observation of a Narrow Pentaquark State Observation of a Narrow Pentaquark State	2.9	157
130	Search for Lepton-Universality Violation in Decays. Physical Review Letters, 2019, 122, 232001. Search for Lepton-Universality Violation in Decays. Physical Review Letters, 2019, 122, 191801.	2.9	105
131	Search for Lepton-Universality Violation in Decays. Physical Review Letters, 2019, 122, 232001. Search for Lepton-Universality Violation in Decays. Physical Review Letters, 2019, 122, 191801.	2.9	355
132	Search for Lepton-Universality Violation in Decays. Physical Review Letters, 2019, 122, 191801.	2.9	355
133	Observation of the doubly Cabibbo-suppressed decay $\tilde{\chi}^+ \rightarrow c \bar{u} \ell^+ \bar{\nu}_\ell$. Journal of High Energy Physics, 2019, 2019, 1. 2 Model-Independent Observation of Exotic Contributions to Decays. Physical Review Letters, 2019, 122, 152002.	1.6	7
134	Model-Independent Observation of Exotic Contributions to Decays. Physical Review Letters, 2019, 122, 152002.	2.9	24
135	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
136	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. Physical Review Letters, 2019, 122, 132002.	2.9	48
137	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
138	Measurement of the mass and production rate of $\tilde{\chi}^0$ baryons. Physical Review D, 2019, 99, .	1.6	18
139	Prompt $\tilde{\chi}^0 + c$ production in pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
140	Measurement of the electron reconstruction efficiency at LHCb. Journal of Instrumentation, 2019, 14, P11023-P11023.	0.5	7
141	A search for $\tilde{\chi}^0 \rightarrow D^+ p \bar{K}^0 \ell^+$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
142	Measurement of CP violation in the $B_s^0 \rightarrow \phi \phi$ decay and search for the $B^0 \rightarrow \tilde{\chi}^0 \ell^+ \ell^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
143	Measurement of the meson production fraction and asymmetry in 7 and 13 TeV Search for the Lepton-Flavor-Violating Decays Search for the Lepton-Flavor-Violating Decays	1.6	12
144	Search for the Lepton-Flavor-Violating Decays Search for the Lepton-Flavor-Violating Decays	1.6	12

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145	Search for Lepton-Flavor Violating Decays $B \rightarrow \tau^+ K + \bar{l} \nu_{l4} \hat{A} \pm e \hat{A}^{\pm}$. Physical Review Letters, 2019, 123, 241802.	2.9	18
146	Measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Violating and Mixing-Induced Observables in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle s \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Decay.	2.9	10
147	Amplitude Analysis of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{A} \pm \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle$ Measurement of Charged Hadron Production in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle Z \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$	2.9	38
148	-Tagged Jets in Proton-Proton Collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mi} \rangle s \langle \text{mml:mi} \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle 8 \langle \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \hat{A} \% \langle \text{mml:math} \rangle$	2.9	10
149	Display="inline" LemmmsSubsup22mmlm01. $\text{mathvariant="normal"} \rangle \hat{l} \langle \text{mml:mi} \rangle b \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \hat{l} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Systems and Precise Measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal"} \rangle \hat{l} \langle \text{mml:mi} \rangle b \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{A} \pm \langle \text{mml:mo} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:math} \rangle$	2.9	48
150	Search for excited B_c^+ states. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
151	Search for Dark Photons Produced in 1.3 TeV $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Collisions. Physical Review Letters, 2018, 120, 061801.	2.9	113
152	First observation of forward $Z \tau^+ b \bar{b} \bar{A}^-$ production in pp collisions at $s=8 \text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 430-439.	1.5	2
153	Measurement of CP observables in $B \hat{A} \pm \hat{A}^{\pm} D(\hat{a} \check{z}) K \hat{A}^{\pm}$ and $B \hat{A} \pm \hat{A}^{\pm} D(\hat{a} \check{z}) \hat{l} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 16-30.	1.3	15
154	A measurement of the CP asymmetry difference between $\hat{l}^+ \langle \text{mml:mi} \rangle \hat{A} \langle \text{mml:mi} \rangle p K^+ \langle \text{mml:mi} \rangle$ and $p \hat{l} \langle \text{mml:mi} \rangle \hat{l} \langle \text{mml:mi} \rangle$ decays. Journal of High Energy Physics, 2018, 2018, .	1.6	14
155	Measurement of CP asymmetry in $B O \hat{s} \langle \text{mml:mi} \rangle \hat{A} \langle \text{mml:mi} \rangle D \hat{A}^{\pm} s K \hat{A}^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.6	1.6	13
156	Search for the lepton-flavour violating decays $B O(\hat{s}) \hat{A} \langle \text{mml:mi} \rangle \hat{A} \langle \text{mml:mi} \rangle e \hat{A} \pm \hat{l} \nu_{l4}$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	21
157	First measurement of the CP-violating phase $\phi_{s^{\pm}}^{\text{doverline{d}}}$ in $B O \hat{s} \langle \text{mml:mi} \rangle \hat{A} \langle \text{mml:mi} \rangle (K + \hat{l} \langle \text{mml:mi} \rangle \hat{A}^{\pm}) (K \hat{A}^{\pm} \hat{l} \langle \text{mml:mi} \rangle \hat{A}^{\pm})$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
158	Test of lepton flavor universality by the measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \rangle \hat{A} \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle D \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle * \langle \text{mml:mo} \rangle \hat{A} \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$	1.6	189
159	Measurement of the ratio of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \rangle \hat{A} \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle D \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle * \langle \text{mml:mo} \rangle \hat{A} \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \rangle \hat{A} \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle D \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{A} \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Measurement of the Ratio of Branching Fractions $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="script"} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle$	2.9	204
160			

#	ARTICLE	IF	CITATIONS
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164	Search for beautiful tetraquarks in the $\bar{\Lambda}^0(1520)^0 \rightarrow \Lambda^0 \pi^0$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1. Search for CP violation in $\Lambda^0 \rightarrow p \pi^-$ and $\Lambda^0 \rightarrow n \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 787, 124-133	1.6	39
165	Search for lepton-flavour-violating decays of Higgs-like bosons. European Physical Journal C, 2018, 78, 1008.	1.4	9
167	Evidence for an $\Lambda(1520)^0 \rightarrow \Lambda^0 \pi^0$ resonance in $B^0 \rightarrow \Lambda^0 \pi^0$ decays.		

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182	Measurement of Angular and C Asymmetries in D^* Decays. Journal of High Energy Physics, 2018, 2018, 1.	2.9	13
183	Measurement of the Lifetime of the Doubly Charmed Baryon Λ_{cc}^+ . Physical Review Letters, 2018, 121, 092003.	2.9	23
184	Evidence for the decay $B_s^0 \rightarrow \overline{K}^* \mu^+ \mu^-$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
185	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
186	Observation of the decay $B^0 \rightarrow \pi^+ \pi^- (2S)$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
187	Measurement of the CP asymmetry in $B^* \rightarrow D^* D^0$ and $B^* \rightarrow D^* D^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	2
188	Search for CP violation using triple product asymmetries in $B^0 \rightarrow \pi^+ \rho^0 K^+ K^-$, $B^0 \rightarrow \pi^+ \rho^0 K^+ K^+$ and $B^0 \rightarrow \pi^+ \rho^0 K^+ K^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
189	Search for the rare decay $B^0 \rightarrow \pi^+ \rho^0 K^+ K^-$. Physical Review D, 2018, 97, .	1.6	17
190	Search for weakly decaying b -flavored pentaquarks. Physical Review D, 2018, 97, .	1.6	7
191	First observation of $B^0 \rightarrow \pi^+ D^* K^+$ decays and a search for $B^0 \rightarrow \pi^+ D^* K^+$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
192	Measurements of the branching fractions of $B^0 \rightarrow \pi^+ \rho^0 K^+$, $B^0 \rightarrow \pi^+ \rho^0 K^+$, and $B^0 \rightarrow \pi^+ \rho^0 K^+$. Journal of High Energy Physics, 2018, 2018, .	1.6	10
193	Measurement of CP violation in $B^0 \rightarrow D^* \pi^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
194	Amplitude Analysis of the Decay $B^0 \rightarrow K^* K^0 \pi^+$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K^* K^*(892) \pi^+$. Physical Review Letters, 2018, 120, 261801.	2.9	14
195	Search for B_{c^+} decays to two charm mesons. Nuclear Physics B, 2018, 930, 563-582.	0.9	8
196	Measurement of the Lifetime of the Doubly Charmed Baryon Λ_{cc}^+ . Physical Review Letters, 2018, 121, 052002.	2.9	76
197	Measurement of branching fractions of charmless four-body B^0 and \bar{B}^0 decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
198	Observation of the decay $B^0 \rightarrow \pi^+ \rho^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 101-111.	1.5	8

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218	Prompt and nonprompt J/ψ production and nuclear modification in pPb 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
219	Measurement of the $B^0 \rightarrow D^+ K^-$ branching fraction and CP asymmetry. Physical Review D, 2017, 95, .	1.6	12
220	Study of charmonium production in B^0 hadron decays and first evidence for the decay $B^0 \rightarrow \psi(3770) \pi^0$. European Physical Journal C, 2017, 77, 609.	1.4	17
221	Improved limit on the branching fraction of the rare decay $B^0 \rightarrow \mu^+ \mu^-$. European Physical Journal C, 2017, 77, 678.	1.4	17
222	Observation of $B_c \rightarrow D^{(*)} K^{(*)}$ decays. Physical Review D, 2017, 95, .	1.6	12
223	Measurement of the $B^0 \rightarrow D^+ K^-$ branching fraction and CP asymmetry. Physical Review D, 2017, 95, .	1.6	11
224	Measurement of the $B^0 \rightarrow D^+ K^-$ branching fraction and CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. Physical Review D, 2017, 95, .	1.6	6
225	Search for the $B^0 \rightarrow \mu^+ \mu^-$ decay. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
226	Observation of the decay $B^0 \rightarrow \mu^+ \mu^-$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	1.6	11
227	Measurement of $B^0 \rightarrow D^+ K^-$ and $B^0 \rightarrow D^+ \pi^-$ decays. Physical Review Letters, 2017, 118, 111803.	2.9	15
228	Observation of the Doubly-Charmed Baryon Ξ_{cc}^{++} . Physical Review Letters, 2017, 119, 112001.	2.9	417
229	Measurement of the CP Violation Parameter A_{FB}^0 in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. Physical Review Letters, 2017, 118, 261803.	2.9	20
230	Observation of $B^0 \rightarrow D^+ K^-$ decays. Physical Review Letters, 2017, 118, 111803.	2.9	25
231	Measurement of the $B^0 \rightarrow D^+ K^-$ branching fraction and CP asymmetry. Physical Review Letters, 2017, 119, 112001.	2.9	234
232	Measurement of CP asymmetries in $D^0 \rightarrow \pi^+ \pi^-$ and $D_s^0 \rightarrow \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	1.5	8
233	Measurement of the $B^0 \rightarrow D^+ K^-$ branching fraction and CP asymmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	18
234	Observation of the Ξ_{cc}^{++} decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	17

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237	Observation of the Decays $B \rightarrow D^* K^0$ and $B \rightarrow D^* K^0$. Physical Review Letters, 2017, 119, 062001.	2.9	28
238	Observation of the $B \rightarrow D^* K^0$ decay. Physical Review D, 2017, 96, .	1.6	4
239	Search for the Decays $B \rightarrow D^* K^0$ and $B \rightarrow D^* K^0$. Physical Review Letters, 2017, 118, 251802.	2.9	81
240	Measurement of the shape of the $B \rightarrow D^* K^0$ differential decay rate. Physical Review D, 2017, 96, .	1.6	29
241	Observation of the suppressed decay $B \rightarrow D^* K^0$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
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243	$\tilde{\chi}_{c1}$ and $\tilde{\chi}_{c2}$ Resonance Parameters with the Decays $B \rightarrow D^* K^0$. Physical Review Letters, 2017, 119, 221801.	1.6	18
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246	Search for Baryon-Number Violating $B \rightarrow D^* K^0$ Oscillations. Physical Review Letters, 2017, 119, 181807.	2.9	06
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248	New algorithms for identifying the flavour of B^0 mesons using pions and protons. European Physical Journal C, 2017, 77, 238.	1.4	11
249	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
250	Search for CP violation in the phase space of $D^0 \rightarrow K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 345-356.	1.5	10
251	Evidence for the two-body charmless baryonic decay $B \rightarrow p \bar{\Lambda}^0$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
252	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow p \bar{\Lambda}^0$. Physical Review Letters, 2017, 119, 232001.	2.9	15

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254	Study of $\overline{B}^0 \rightarrow \psi(4130) K^+ K^-$ correlations in high energy proton-proton collisions. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
255	Measurement of CP observables in $B^0 \rightarrow \psi(4130) K^+ K^-$ decays using two- and four-body D final states. Journal of High Energy Physics, 2017, 2017, 1.	1.6	7
256	Measurement of $B^0 \rightarrow \psi(4130) K^+ K^-$ and $B^0 \rightarrow \psi(4130) K^+ K^-$ decays. Journal of High Energy Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 139-158.	1.5	13
257	Measurement of CP violation in $B^0 \rightarrow \psi(4130) K^+ K^-$ and $B^0 \rightarrow \psi(4130) K^+ K^-$ decays. Journal of High Energy Physics, 2017, 2017, .	1.6	9
258	First Observation of a Baryonic $B^0 \rightarrow \psi(4130) K^+ K^-$ decay. Physical Review Letters, 2017, 119, 041802.	1.4	11
259	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	1.4	41
260	Updated branching fraction measurements of $B^0 \rightarrow \psi(4130) K^+ K^-$ decays. Journal of High Energy Physics, 2017, 2017, .	1.6	6
261	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12
262	Observation of the decay $B^0 \rightarrow \psi(4130) K^+ K^-$ and evidence for $B^0 \rightarrow \psi(4130) K^+ K^-$. Journal of High Energy Physics, 2017, .	1.6	6
263	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
264	Measurement of the $B^0 \rightarrow \psi(4130) K^+ K^-$ production cross-section in pp collisions at $\sqrt{s} = 7$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, .	1.6	17
265	Measurement of the $\Upsilon(nS)$ polarizations in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
266	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^0 \rightarrow \psi(4130) K^+ K^-$ and $B^0 \rightarrow \psi(4130) K^+ K^-$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
267	A precise measurement of the $B^0 \rightarrow \psi(4130) K^+ K^-$ meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.4	21
268	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	1.4	26
269	Observations of $B^0 \rightarrow \psi(4130) K^+ K^-$ and $B^0 \rightarrow \psi(4130) K^+ K^-$ decays and searches for other B^0 and \bar{B}^0 decays to final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
270	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

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271	Observation of $\bar{b} \rightarrow 0 \hat{a} \hat{a} (2S) p \hat{K}^{\pm}$ and $\bar{b} \rightarrow 0 \hat{a} \hat{a} / \bar{f} \bar{f} + \bar{f} \hat{a}^{\pm} p \hat{K}^{\pm}$ decays and a measurement of the $\bar{b} \rightarrow 0$ baryon Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
272	Measurement of the properties of the $\bar{f} \bar{b} \hat{a}^{-}$ baryon. Journal of High Energy Physics, 2016, 2016, .	1.6	21
273	Production of associated Υ and open charm hadrons in pp collisions at $s = 7 \sqrt{s} = 7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	1.6	37
274	Measurement of the CKM angle $\hat{\beta}^3$ using $B \rightarrow \hat{a}^{\pm} DK^{\pm}$ with $D \rightarrow \hat{a}^{\pm} K^{\pm} S \rightarrow \bar{f} \bar{f} + \bar{f} \hat{a}^{\pm}$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	8
275	Measurement of the forward Z boson production cross-section in pp collisions at $s = 13 \sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	23
276	Measurement of the ratio of branching fractions $\hat{a}_{\rightarrow B c + \hat{a}^{\pm} J / \bar{f} K + / \hat{a}_{\rightarrow B c + \hat{a}^{\pm} J}$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
277	Measurement of forward $W \hat{a}^{\pm} e^{1/2}$ production in pp collisions at $s = 8 \sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
278	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
279	Measurements of the S-wave fraction in $B \rightarrow \hat{a}^{\pm} K + \bar{f} \hat{a}^{\pm} \hat{a}^{\pm} + \hat{a}^{\pm} \hat{a}^{\pm}$ decays and the $B \rightarrow \hat{a}^{\pm} K \hat{a}^{\pm} - (892) \hat{a}^{\pm} + \hat{a}^{\pm} \hat{a}^{\pm}$ differential branchi. Journal of High Energy Physics, 2016, 2016, 1.	1.6	75
280	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
281	A new algorithm for identifying the flavour of B^0 mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	0.5	12
282	Amplitude analysis of $B \rightarrow \hat{a}^{\pm} D^{\pm} K^{\pm}$ Physical Review D, 2016, 94, .	1.6	73
283	Study of B_c^+ decays to the $K + \hat{K}^{\pm} \bar{f} \hat{a}^{\pm}$ final state and evidence for the decay $B_c^+ \rightarrow \hat{f} c \bar{0} \bar{f} \hat{a}^{\pm}$. Physical Review D, 2016, 94, .	1.6	20
284	Measurement of $C \rightarrow P$ Violation in $B \rightarrow D^{\pm} K^{\pm} \hat{a}^{\pm}$ Physical Review Letters, 2016, 117, 261801.	2.9	12
285	Measurement of the $B \rightarrow D^{\pm} K^{\pm} \hat{a}^{\pm}$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2016, 762, 484-492.	1.5	6
286	Search for the lepton-flavour violating decay $D \rightarrow \hat{a}^{\pm} e^{\pm} \hat{a}^{\pm}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	1.5	20
287	Model-independent measurement of the CKM angle $\hat{\beta}^3$ using $B \rightarrow \hat{a}^{\pm} DK^{\pm} - 0$ decays with $D \rightarrow \hat{a}^{\pm} K^{\pm} S \rightarrow \bar{f} \bar{f} + \bar{f} \hat{a}^{\pm}$ and $K \rightarrow 0$ First study of the CP-violating phase and decay-width difference in $B \rightarrow D^{\pm} K^{\pm} \hat{a}^{\pm}$ Journal of High Energy Physics, 2016, 2016, 1.	1.6	9
288	Measurement of the $B \rightarrow D^{\pm} K^{\pm} \hat{a}^{\pm}$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2016, 762, 484-492.	1.5	17

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290	Search for B_c^+ decays to the $pp\bar{e}^+\bar{\nu}_e$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	1.5	12
291	Observation of the B_c^+ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	1.5	14
292	Measurement of CP observables in $B\hat{\pm}\hat{\nu}_\tau D K\hat{\pm}$ and $B\hat{\pm}\hat{\nu}_\tau D\bar{K}\hat{\pm}$ with two- and four-body D decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	1.5	20
293	Model-Independent Evidence for $B\hat{\pm}\hat{\nu}_\tau D K\hat{\pm}$ Asymmetry in $B\hat{\pm}\hat{\nu}_\tau D K\hat{\pm}$ Mixing.	2.9	22
294	Contributions to $B\hat{\pm}\hat{\nu}_\tau D K\hat{\pm}$ Mixing.	2.9	102
295	Studies of the resonance structure in $B\hat{\pm}\hat{\nu}_\tau D K\hat{\pm}$.	2.9	110
296	Physical Review D, 2016, 93, .	1.6	20
297	Measurement of the mass and lifetime of the Λ_b^0 baryon.	1.6	13
298	Oscillations in $B\hat{\pm}\hat{\nu}_\tau D K\hat{\pm}$.	2.9	27
299	First observation of the rare $B\hat{\pm}\hat{\nu}_\tau D K\hat{\pm}$ decay. Physical Review D, 2016, 93, .	1.6	5
300	Measurement of the $B_s\hat{\pm}\hat{\nu}_\tau D_s^*(*) + D_s^*(*)\hat{\nu}_\tau$ branching fractions. Physical Review D, 2016, 93, .	1.6	5
301	Constraints on the unitarity triangle angle $\hat{\alpha}$ from Dalitz plot analysis of $B\hat{\pm}\hat{\nu}_\tau D K\hat{\pm}$.	1.6	13
302	Observation of $B_s\hat{\pm}\hat{\nu}_\tau D\bar{K}^0$ and Evidence for $B_s\hat{\pm}\hat{\nu}_\tau D\bar{K}^0$ Decays. Physical Review Letters, 2016, 116, 161802.	2.9	6
303	Asymmetries in $B\hat{\pm}\hat{\nu}_\tau D K\hat{\pm}$.	2.9	42
304	Symmetry in $B\hat{\pm}\hat{\nu}_\tau D K\hat{\pm}$.	2.9	31
305	Search for Structure in the $B\hat{\pm}\hat{\nu}_\tau D K\hat{\pm}$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	1.6	7
306	Differential branching fraction and angular moments analysis of the decay $B\hat{\pm}\hat{\nu}_\tau K + \bar{\nu}_\tau \hat{1}/4 + \hat{1}/4 \hat{\nu}_\tau$ in the $K\hat{\pm}\hat{\nu}_\tau$ (1430) $\hat{\nu}_\tau$ region. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15

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308	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
309	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
310	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
311	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
312	First observation of the decay $B_s^0 \rightarrow K^+ K^- S^0$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1.	1.6	5
313	Observation of the $B_s^0 \rightarrow K^+ K^- S^0$ decay. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
314	First observation of the decay $D^0 \rightarrow K^+ K^- S^0$ in the $\Upsilon(4S)$ region of the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	1.5	13
315	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
316	Study of CP violation in $B^0 \rightarrow K^+ K^- S^0$ with the modes $D^+ K^+ K^- S^0$ and $D^+ K^+ K^- S^0$. Physical Review D, 2015, 91, .	1.6	14
317	Study of $B^0 \rightarrow K^+ K^- S^0$ decay using 3 fb ⁻¹ of integrated luminosity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	304
318	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	2.9	22
319	Evidence for the Strangeness-Changing Weak Decay $B^0 \rightarrow K^+ K^- S^0$. Physical Review D, 2015, 92, .	2.9	25
320	First observation and amplitude analysis of the $B^0 \rightarrow K^+ K^- S^0$ decay. Physical Review D, 2015, 91, .	1.6	50
321	Amplitude analysis of $B^0 \rightarrow K^+ K^- S^0$ decay. Physical Review D, 2015, 92, .	1.6	69
322	Amplitude analysis of $B^0 \rightarrow K^+ K^- S^0$ decay. Physical Review D, 2015, 92, .	1.6	30
323	Amplitude analysis of $B^0 \rightarrow K^+ K^- S^0$ decay. Physical Review D, 2015, 92, .	1.6	80
324	Study of W boson production in association with beauty and charm. Physical Review D, 2015, 92, .	1.6	22

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326	Search for the rare decays $B \rightarrow \tau^+ \bar{\nu}_\tau$ and $B_s \rightarrow \tau^+ \bar{\nu}_\tau$. Physical Review D, 2015, 92, .	1.6	8
327	Model-independent confirmation of the $Z \rightarrow C P$ violation in $B \rightarrow J/\psi \tau^+ \bar{\nu}_\tau$. Physical Review Letters, 2015, 115, 031601.	2.9	30
328	Measurement of $C P$ violation in $B \rightarrow J/\psi \tau^+ \bar{\nu}_\tau$. Physical Review Letters, 2015, 115, 031601.	2.9	30
329	Observation of the $B_s \rightarrow \tau^+ \bar{\nu}_\tau$ Decay. Physical Review Letters, 2015, 115, 051801.	2.9	9
330	Observation of $B \rightarrow J/\psi p$ Resonances Consistent with Pentaquark States in $B \rightarrow J/\psi p$. Physical Review Letters, 2015, 115, 051801.	2.9	816
331	Measurement of $B \rightarrow J/\psi \tau^+ \bar{\nu}_\tau$ Decay. Physical Review Letters, 2015, 115, 051801.		

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344	Measurement of forward $Z \rightarrow e^+e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
345	Differential branching fraction and angular analysis of $B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2015, 2015, .	1.6	82
346	Measurement of the time-dependent CP asymmetries in $B_s^0 \rightarrow \pi^+ \pi^- J/\psi K^0$. Journal of High Energy Physics, 2015, .	1.6	12
347	Search for the decay $B_s^0 \rightarrow \bar{D}^0 f_0(980)$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
348	Measurement of forward J/ψ production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
349	Observation of the decay $B^0 \rightarrow \pi^+ \pi^- (2S) K^+ K^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	1.5	13
350	Angular analysis and differential branching fraction of the decay $B_s^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	191
351	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
352	Angular analysis of the $B^0 \rightarrow K^* \pi^+ \pi^-$ decay in the low- q^2 region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
353	Determination of the branching fractions of $B^0 \rightarrow D^+ S^-$ and $B^0 \rightarrow D^0 S^+ K^-$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
354	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
355	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
356	Measurement of the lifetime of the B_c^+ using the $B_c^+ \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ decay. Journal of High Energy Physics, 2015, 2015, 1.	1.5	29
357	Measurement of the CP-violating phase β_1 in $B^0 \rightarrow \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 1-11.	2.9	47
358	Study of the rare $B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.5	31
359	Determination of β_1 and β_2 in 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
360	Study of the rare $B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ decays into the $\pi^+ \pi^- \pi^+ \pi^-$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 46-55.	1.5	17

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379	Measurement of the $B^0 \rightarrow B^0$ and $B^0 \rightarrow B^0$ 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
380	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. Physical Review Letters, 2014, 113, 082003.	2.9	15
381	Violation in $C \rightarrow P$ components in $B \rightarrow K$ decays.	2.9	27
382	First Observation of a Baryonic B_c^+ Decay. Physical Review Letters, 2014, 113, 152003.	2.9	28
383	Measurement of resonant and non-resonant components in $B \rightarrow K$ decays.	1.6	73
384	Search for Majorana Neutrinos in $B^0 \rightarrow \tau^+ \tau^- \bar{\nu}_\tau \nu_\tau$ Decays. Physical Review Letters, 2014, 112, 131802.	2.9	106
385	Measurement of the B^0 Meson Lifetime in $D_s \rightarrow B^0$ Decays. Physical Review Letters, 2014, 113, 172001.	2.9	14
386	Measurement of $C \rightarrow P$ violation in the Phase Space of $B \rightarrow K$ decays.	2.9	78
387	Observation of Overlapping Spin-1 and Spin-3 $B \rightarrow K$ decays.	1.6	67
388	Measurement of $D \rightarrow B$ decays.	2.9	80
389	Dalitz plot analysis of $B \rightarrow K$ decays.	2.9	17
390	Precision Measurement of the Mass and Lifetime of the B_c^+ Baryon.	1.6	99
391	Measurement of $C \rightarrow P$ asymmetries in $B \rightarrow K$ decays.	2.9	20
392	Precision Measurement of the Mass and Lifetime of the B_c^+ Baryon. Physical Review Letters, 2014, 113, 032001.	2.9	36
393	LHCb Collaboration. Nuclear Physics A, 2014, 932, 621-626.	0.6	1
394	Test of Lepton Universality Using $B \rightarrow K$ decays.	2.9	845
395	Precision Measurement of the Mass and Lifetime of the B_c^+ Baryon.	2.9	39
396	Measurement of $C \rightarrow P$ violation in $B \rightarrow K$ decays. Physical Review D, 2014, 90, .	1.6	18

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415	Effective lifetime measurements in the Measurement of the CP-violating phase Measurement of the CP-violating phase	1.5	40
416	Measurement of the CP-violating phase	1.5	40
417	Measurement of the CP-violating phase	0.9	114
418	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
419	Searches for Λ_b^0 and Ξ_b^0 decays to $K_{\text{S}}^0 \pi^0$ and $K_{\text{S}}^0 \pi^+$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{S}}^0 \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
420	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
421	Measurements of the B^+ , B^0 , B_s^0 meson and Λ_b^0 baryon lifetimes. Journal of High Energy Physics, 2014, 2014, .	1.6	26
422	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow \bar{K}^* K^0$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
423	Angular analysis of charged and neutral $B \rightarrow K^{*1/2} + \bar{K}^{*1/2}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26
424	Evidence for the decay $B_c^+ \rightarrow \pi^+ \rho^0$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	16
425	Differential branching fractions and isospin asymmetries of $B \rightarrow K^{*1/2} + \bar{K}^{*1/2}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	206
426	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
427	Study of Υ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{\text{NN}}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	33
428	Observation of the $\bar{b} \rightarrow \bar{c} \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
429	Observation of the $B_s^0 \rightarrow \bar{c} \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	8
430	Study of the kinematic dependences of $\bar{b} \rightarrow \bar{c} \pi^0$ production in pp collisions and a measurement of the $\bar{b} \rightarrow \bar{c} \pi^0$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
431	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
432	Measurement of Υ production in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	1.4	27

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433	Measurement of the $B_c^+ \rightarrow B_c + \text{meson}$ lifetime using $B_c^+ \rightarrow \psi / \psi'$ $\mu^+ \nu_{\mu} X B_c^+ \rightarrow J/\psi + \psi/2$. European Physical Journal C, 2014, 74, 2839.	1.4	43
434	Measurement of $\psi(2S)$ ψ' ($2S$) polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	1.4	53
435	Measurement of charged particle multiplicities and densities in pp collisions at $\sqrt{s}=7$; $s = 7$ TeV in the forward region. European Physical Journal C, 2014, 74, 2888.	1.4	30
436	Search for the decay $D \rightarrow \mu^+ \mu^- \nu_{\mu}$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 234-243.	1.5	19
437	Search for CP violation in the decay $D \rightarrow \mu^+ \mu^- \nu_{\mu}$ Measurement of the charge asymmetry in $D \rightarrow \mu^+ \mu^- \nu_{\mu}$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	1.5	12
438	Measurement of the charge asymmetry in $D \rightarrow \mu^+ \mu^- \nu_{\mu}$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	1.5	12
439	Measurement of the charge asymmetry in $D \rightarrow \mu^+ \mu^- \nu_{\mu}$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	2.9	325
440	Observation of Photon Polarization in the $B_c^+ \rightarrow B_c \gamma$ Transition. Physical Review Letters, 2014, 112, 161801.	2.9	46
441	Measurement of the $B_c^+ \rightarrow B_c \gamma$ transition. Physical Review Letters, 2014, 112, 161801.	1.5	50
442	Differential branching fraction and angular analysis of the decay $B_c^+ \rightarrow \psi(2S) \mu^+ \mu^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	103
443	Search for CP violation in $D \rightarrow \mu^+ \mu^- \nu_{\mu}$ and $D_s^+ \rightarrow K_S^0 \mu^+ \mu^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
444	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	1.6	65
445	Production of J/ψ and $\psi(2S)$ mesons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	65
446	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
447	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
448	Measurement of the fragmentation fraction f_s/f_d and its dependence on B meson kinematics. Journal of High Energy Physics, 2013, 2013, 1.	1.6	89
449	Measurement of CP observables in $B \rightarrow D^* K^* \ell^+ \ell^-$ with $D^* \rightarrow K^* \ell^+ \ell^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	6
450	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

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452	First evidence for the annihilation decay mode $B^+ \rightarrow D_s^+ \pi^0$. Journal of High Energy Physics, 2013, 2013, .	1.6	13
453	Measurement of J/ψ production in pp collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	30
454	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2421.	1.4	25
455	Measurements of the branching fractions of $B^+ \rightarrow \rho^+ K^+$ decays. European Physical Journal C, 2013, 73, 2462.	1.4	24
456	Search for CP violation in $B^+ \rightarrow \rho^+ K^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 203-212.	1.5	22
457	Model-independent search for CP violation in $B^+ \rightarrow \rho^+ K^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	1.5	22
458	Measurement of the time-dependent CP asymmetry in $B^+ \rightarrow \rho^+ K^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 741, 74-81.	1.5	12
459	Search for CP violation in $B^+ \rightarrow \rho^+ K^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 741, 74-81.	1.5	12
460	First measurement of time-dependent CP violation in $B_s^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
461	Study of $B_{(s)}^0 \rightarrow K_{(s)}^0 \pi^+ \pi^-$ decays with first observation of $B_{(s)}^0 \rightarrow K_{(s)}^0 \pi^+ \pi^-$ and $B_{(s)}^0 \rightarrow K_{(s)}^0 \pi^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, .	1.6	14
462	Measurement of the relative rate of prompt \bar{c}^0 , \bar{c}^+ and \bar{c}^+ production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	36
463	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow \bar{p} \pi^+$. Journal of High Energy Physics, 2013, 2013, .	1.6	10
464	Study of D meson decays to $D \rightarrow \bar{c} \pi^+$, $D \rightarrow \bar{c} \pi^+$ and $D \rightarrow \bar{c} \pi^+$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	1.6	82
465	First observation of the decay $B_c^+ \rightarrow \rho^+ \pi^0$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	41
466	Searches for $B_{(s)}^0 \rightarrow \rho^+ \pi^-$ and $B \rightarrow \rho^+ \pi^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7
467	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow \hat{\pi}^+ K \rightarrow \hat{\pi}^+ K + \hat{\pi}^+ \hat{\pi}^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	111
468	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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470	Observation of $B^0_{(s)}$ $\hat{\leftarrow}$ $\overline{B}^0_{(s)}$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	1.4	17
471	Search for the doubly charmed baryon χ_{cc}^{++} . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
472	Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV . European Physical Journal C, 2013, 73, 2631.	1.4	117
473	Observation of the decay $B_c^{++} \hat{\rightarrow} J/\psi K + K \hat{\leftarrow} \bar{\psi}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	25
474	First observation of the decay $B_s^0 \rightarrow \phi \overline{K}^{*0}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	9
475	First Evidence for the Decay $B_c^{++} \hat{\rightarrow} J/\psi K + K \hat{\leftarrow} \bar{\psi}$. Physical Review Letters, 2013, 110, 021801.	2.9	292
476	First Observation of $C \rightarrow P$ Violation in the Decays of B_c^{++} . Physical Review Letters, 2013, 110, 221601.	2.9	105
477	Search for the rare decay $K_{\text{S}}^0 \rightarrow \mu^+ \mu^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	13
478	A study of the Z production cross-section in pp collisions at $\sqrt{s}=7$, TeV using tau final states. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
479	Measurement of the ratio of branching fractions $B \rightarrow \dots$. Journal of High Energy Physics, 2013, 2013, 1.	0.9	48
480	Measurement of the effective $B \rightarrow \dots$. Journal of High Energy Physics, 2013, 2013, 1.	0.9	17
481	Prompt charm production in pp collisions at $\sqrt{s}=7$. Nuclear Physics B, 2013, 871, 1-20.	0.9	228
482	Observation of the suppressed ADS modes $B \rightarrow \dots$. Journal of High Energy Physics, 2013, 2013, 1.	1.5	15
483	Measurements of Sine χ angles for a combination of high-energy physics. Journal of High Energy Physics, 2013, 723, 44-53.	1.5	15
484	Measurement of the term $B \rightarrow \dots$ and High-Energy Physics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, .	1.5	16
485	Measurements of the $B \rightarrow \dots$ modes using semileptonic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 27-35.	1.5	17
486	Measurements of the $B \rightarrow \dots$ decay amplitudes and the $B \rightarrow \dots$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 27-35.	1.5	54

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488	Measurement of the differential branching fraction of the decay $D \rightarrow B \tau^+ \tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 25-35.	1.5	33
489	Evidence for the decay $D \rightarrow B \tau^+ \tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 25-35.	1.5	35
490	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.	0.9	35
491	Observation of $D \rightarrow B \tau^+ \tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	1.5	33
492	Observation of $D \rightarrow B \tau^+ \tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	0.9	17
493	Observations of $D \rightarrow B \tau^+ \tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	2.9	65
494	Measurement of the new charm-to-bottom transition $D \rightarrow B \tau^+ \tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	0.9	24
495	Precision measurement of the $B \rightarrow D^* \tau^+ \tau^-$ oscillation frequency with the decay $B \rightarrow D^* \tau^+ \tau^-$. New Journal of Physics, 2013, 15, 053021.	1.2	59
497	Exclusive J/ψ 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
498	Search for the Lepton-Flavor-Violating Decays $B_s \rightarrow e^+ \mu^- \tau^+$ and $B \rightarrow e^+ \mu^- \tau^+$. Physical Review Letters, 2013, 111, 091801.	1.1	182
499	Precision Measurement of the $B \rightarrow D^* \tau^+ \tau^-$ Lifetime. Physical Review Letters, 2013, 111, 102003.	1.5	35
500	Measurement of $B \rightarrow D^* \tau^+ \tau^-$ violation and the $B \rightarrow D^* \tau^+ \tau^-$ decay width difference with $B \rightarrow D^* \tau^+ \tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	1.6	74
501	Measurement of $B \rightarrow D^* \tau^+ \tau^-$ violation and the $B \rightarrow D^* \tau^+ \tau^-$ decay width difference with $B \rightarrow D^* \tau^+ \tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	1.6	74
502	First observations of $B \rightarrow D^* \tau^+ \tau^-$, $D_s \rightarrow D^* \tau^+ \tau^-$ and $D \rightarrow D^* \tau^+ \tau^-$ decays. Physical Review D, 2013, 87, .	1.6	22
503	Measurement of the $B \rightarrow D^* \tau^+ \tau^-$ violation and the $B \rightarrow D^* \tau^+ \tau^-$ decay width difference with $B \rightarrow D^* \tau^+ \tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	2.9	82
504	Measurement of $B \rightarrow D^* \tau^+ \tau^-$ violation and the $B \rightarrow D^* \tau^+ \tau^-$ decay width difference with $B \rightarrow D^* \tau^+ \tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	2.9	13

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506	Determination of the X Stretch in $B \rightarrow s$ Decays. Physical Review Letters, 2013, 111, 181801.	2.9	72
507	Measurement of the branching fractions of the decays $B_s^0 \rightarrow D^* \bar{K}^0 \ell^+ \ell^-$ and $B^0 \rightarrow D^* \bar{K}^0 \ell^+ \ell^-$. Physical Review D, 2013, 87, .	1.6	19
508	Analysis of the resonant components in $B \rightarrow s$ decays. Physical Review Letters, 2013, 111, 101801.	2.9	101
509	Observation of the decay $B \rightarrow s c \bar{c}$. Physical Review Letters, 2013, 111, 181801.	2.9	72
510	Search for the decay $B_s^0 \rightarrow D^* \bar{a}^0 \ell^+ \ell^-$. Physical Review D, 2013, 87, .	1.6	7
511	Measurement of the polarization amplitudes in $B \rightarrow s$ decays. Physical Review Letters, 2013, 111, 101801.	1.6	7
512	Measurement of $C \rightarrow P$ Violation in the Phase Space of $B \rightarrow s$ Decays. Physical Review Letters, 2013, 111, 101801.	2.9	101
513	Measurement of $B \rightarrow s c \bar{c}$ Decays. Physical Review Letters, 2013, 111, 181801.	1.6	55
514	Measurement of Form-Factor-Independent Observables in the Decay $B \rightarrow s \ell^+ \ell^-$. Physical Review Letters, 2013, 111, 191801.	2.9	45
515	Measurement of $B \rightarrow s c \bar{c}$ Decays. Physical Review Letters, 2013, 111, 181801.	1.6	55
516	Study of $B^0 \rightarrow D^* \bar{a}^0 \ell^+ \ell^-$ and $B^0 \rightarrow D^* \bar{a}^0 K^+ \ell^-$ decays. Physical Review D, 2013, 87, .	1.6	11
517	Measurement of the $C \rightarrow P$ Asymmetry in $B \rightarrow s$ Decays. Physical Review Letters, 2013, 111, 021801.	2.9	22
518	Studies of the decays $B \rightarrow \rho^+ \rho^0 \ell^+ \ell^-$ and observation of $B \rightarrow \rho^+ \rho^0 (1520) \ell^+ \ell^-$. Physical Review D, 2013, 88, .	1.6	12
519	Observation of a Resonance in $B \rightarrow s$ Decays at Low Recoil. Physical Review Letters, 2013, 111, 112003.	2.9	45
520	Amplitude analysis and branching fraction measurement of $B \rightarrow s \ell^+ \ell^-$. Physical Review Letters, 2013, 111, 112003.	1.6	36
521	First observation of $B \rightarrow s c \bar{c}$ decays. Physical Review Letters, 2013, 111, 151803.	2.9	51
522	First observation of $B \rightarrow s c \bar{c}$ decays. Physical Review Letters, 2013, 111, 151803.	1.6	20

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524	First Observation of the Decay $\langle \sigma_{\text{B}} \rangle$ Physical Review Letters, 2012, 108, 251802.	2.9	21
526	Differential Branching Fraction and Angular Analysis of the Decay $\langle \sigma_{\text{B}} \rangle$ Physical Review Letters, 2012, 108, 181806.	2.9	50
527	Measurement of the $\langle \sigma_{\text{B}} \rangle$ Lifetime in the $\langle \sigma_{\text{B}} \rangle$ Physical Review Letters, 2012, 108, 251802.	2.9	21

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541	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.	1.6	22
542	Measurements of the branching fractions of the decays $B_{\hat{s}^0} \rightarrow D_{\hat{s}^{\pm}} K^{\pm}$ and $B_{\hat{s}^0} \rightarrow D_{\hat{s}^{\pm}} \pi^{\pm}$. Journal of High Energy Physics, 2012, 2012, .	1.6	19
543	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	103
544	Measurement of the isospin asymmetry in $B_{\hat{\pm}} \rightarrow K^{\pm} \pi^{\pm}$ decays. Journal of High Energy Physics, 2012, 2012, 165		
545	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. Journal of High Energy Physics, 2012, 2012, .	1.6	56
546	Study of $D_{\hat{s}}$ decays to $D^{\pm} K_{\hat{S}}^0$ and $D^0 K^{\pm}$ final states in pp collisions. Journal of High Energy Physics, 2012, 2012, .	1.6	29
547	Measurement of the fraction of $\hat{\psi}(1S)$ originating from $\hat{\psi}(1P)$ decays in pp collisions at $\sqrt{s}=7$, TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	18
548	First observation of the decay $B \rightarrow \hat{\pi}^{\pm} \hat{\pi}^{\pm} \pi^{\pm}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	36
549	Evidence for $C \rightarrow P$ Violation in Time-Integrated $D^0 \rightarrow \hat{\pi}^{\pm} \pi^{\mp}$ Rates. Physical Review Letters, 2012, 108, 111602.	2.9	181
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552	Measurement of the ratio of branching fractions $R_{\hat{\pi}^{\pm} \pi^{\mp}}$. Physical Review Letters, 2012, 108, 111602.		

