

Celestina Satriano

List of Publications by Year in descending order

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554
papers

27,994
citations

7568

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10158

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docs citations

564
times ranked

10239
citing authors

#	ARTICLE	IF	CITATIONS
19	Search for the rare decay $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. European Physical Journal C, 2019, 79, 1.	3.9	11
20	Bose-Einstein correlations and $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. Nuclear Physics A, 2019, 982, 347-350.	1.5	0
21	Observation of the $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ decay. Physics Letters, Sec	4.1	6
22	Highlights from the LHCb experiment. Nuclear Physics A, 2019, 982, 15-21.	1.5	0
23	Direct photon production at LHCb. Nuclear Physics A, 2019, 982, 251-254.	1.5	5
24	Study of coherent J/ψ production in lead-lead collisions at $\sqrt{s} = 2.76$ TeV with the LHCb experiment. Nuclear Physics A, 2019, 982, 247-250.	1.5	14
25	Observation of the $\Lambda_b^0 \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ (3872) pK $^+$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
26	Prompt Λ_c^+ baryons and D0 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.	1.5	2
27	Measurement of the Charm-Mixing Parameter γ_{CP} . Physical Review Letters, 2019, 122, 011802.	7.8	15
28	Search for CP Violation in $D_s \rightarrow \mu^+ \mu^- K^0$, $D \rightarrow \mu^+ \mu^- K^0$, and $D \rightarrow \mu^+ \mu^- \bar{K}^0$ Decays. Physical Review Letters, 2019, 122, 191803.	7.8	9
29	Measurement of $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. Physical Review Letters, 2019, 122, 011802.	7.8	9
30	Measurement of $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. Physical Review Letters, 2019, 122, 011802.	4.7	17
31	Observation of $C \rightarrow P \mu^+ \mu^-$ Violation in Charm Decays. Physical Review Letters, 2019, 122, 232001.	7.8	157
32	Observation of a Narrow Pentaquark State $P_c(4312)^+$. Physical Review Letters, 2019, 122, 232001.	7.8	105
33	Observation of an Excited Pentaquark State. Physical Review Letters, 2019, 122, 232001.	7.8	43
34	Search for Lepton-Universality Violation in $B \rightarrow K \mu^+ \mu^-$ Decays. Physical Review Letters, 2019, 122, 191801.	7.8	355
35	Observation of the doubly Cabibbo-suppressed decay $\Lambda_b^0 \rightarrow \mu^+ \mu^- p \bar{\Lambda}^0$. Journal of High Energy Physics, 2019, 2019, 1.	7.8	2
36	Model-Independent Observation of Exotic Contributions to $B \rightarrow \mu^+ \mu^- K$ Decays. Physical Review Letters, 2019, 122, 152002.	7.8	24

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37	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^{\pm} \bar{K}^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
38	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. Physical Review Letters, 2019, 122, 132002.	7.8	48
39	Measurement of the mass and production rate of B_c barvons. Physical Review D, 2019, 99, .	4.7	18
40	Prompt $b+c$ production in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
41	Measurement of the meson production fraction and asymmetry in 7 and 13 TeV collisions. Physical Review D, Search for the Lepton-Flavor-Violating Decays $B \rightarrow C P$ -Violating and Mixing-Induced Observables in $B \rightarrow C P$ -Tagged Jets in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
42	Measurement of Charged Hadron Production in $B \rightarrow C P$ -Tagged Jets in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
43	Measurement of Charged Hadron Production in $B \rightarrow C P$ -Tagged Jets in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	7.8	10
44	Measurement of Charged Hadron Production in $B \rightarrow C P$ -Tagged Jets in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	7.8	10
45	Search for excited B_c^+ states. Journal of High Energy Physics, 2018, 2018, 1.	7.8	48
46	Search for Dark Photons Produced in 13 TeV Collisions. Physical Review Letters, 2018, 120, 061801.	4.7	15
47	Search for Dark Photons Produced in 13 TeV Collisions. Physical Review Letters, 2018, 120, 061801.	7.8	113
48	First observation of forward $Z \rightarrow b \bar{b}$ production in pp collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 430-439.	4.1	2
49	Measurement of CP observables in $B^{\pm} \rightarrow D(\bar{K}^0) K^{\pm}$ and $B^{\pm} \rightarrow D(\bar{K}^0) \bar{K}^{\pm}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 16-30.	4.1	15
50	A measurement of the CP asymmetry difference between $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow \bar{K}^+ \bar{K}^-$ decays. Journal of High Energy Physics, 2018, 2018, .	4.7	14
51	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 4.7	4.7	13
52	Search for the lepton-flavour violating decays $B^0 \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	21
53	First measurement of the CP-violating phase ϕ_{s^*} in $B^0 \rightarrow (K^+ \bar{K}^0)(K^+ \bar{K}^0)$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	11
54	Test of lepton flavor universality by the measurement of the branching fraction using three-prong $B \rightarrow D^* \mu^+ \mu^-$. Physical Review D, 2018, 97, .	4.7	189

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73	Angular moments of the decay $\Lambda^0 \rightarrow \bar{p} \pi^+ \pi^-$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	4.7	34
74	Measurement of $Z \rightarrow \bar{l} l$ production in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
75	First Observation of the Doubly Charmed Baryon Decay $\Lambda_{cc}^+ \rightarrow \Lambda^0 \pi^+$. Journal of High Energy Physics, 2018, 2018, 1.	7.8	122
76	Measurement of D_s^\pm production asymmetry in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5
77	Measurement of Angular and C Asymmetries in D^0 Decays. Journal of High Energy Physics, 2018, 2018, 1.	7.8	13
78	Measurement of the Λ_{cc}^+ Baryon Lifetime. Physical Review Letters, 2018, 121, 092003.	7.8	23
79	Evidence for the decay $B_s^0 \rightarrow \bar{K}^* \mu^+ \mu^-$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
80	Measurement of CP asymmetries in two-body $B(s) \rightarrow$ meson decays to charged pions and kaons. Physical Review D, 2018, 98, .	4.7	20
81	Observation of the decay $\Lambda^0 \rightarrow \bar{p} \pi^+ \pi^-$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
82	Measurement of the CP asymmetry in $B^0 \rightarrow D^+ D^-$ and $B^0 \rightarrow D^+ D^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	2
83	Search for CP violation using triple product asymmetries in $\Lambda^0 \rightarrow \bar{p} K^+ K^-$ and $\Lambda^0 \rightarrow \bar{p} K^+ K^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	11
84	Search for the rare decay $\Lambda^0 \rightarrow \bar{p} K^+ K^-$. Physical Review D, 2018, 97, .	4.7	17
85	Search for weakly decaying b -flavored pentaquarks. Physical Review D, 2018, 97, .	4.7	7
86	First observation of $B^0 \rightarrow D^+ K^-$ decays and a search for $B^0 \rightarrow D^+ \bar{l}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	11
87	Measurements of the branching fractions of $B^0 \rightarrow \bar{K}^* \pi^+$, $B^0 \rightarrow \bar{K}^* K^+$, and $B^0 \rightarrow \bar{K}^* K^0$. Journal of High Energy Physics, 2018, 2018, .	4.7	10
88	Measurement of CP violation in $B^0 \rightarrow D^+ D^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	4
89	Amplitude Analysis of the Decay $B^0 \rightarrow K^* K^0$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K^* K^0$. Physical Review Letters, 2018, 120, 261801.	7.8	14
90	Search for B_{c^+} decays to two charm mesons. Nuclear Physics B, 2018, 930, 563-582.	2.5	8

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91	Measurement of the Lifetime of the Doubly Charmed Baryon Λ_{cc}^{++} . Physical Review Letters, 2018, 121, 052002.	7.8	76
92	Measurement of branching fractions of charmless four-body $\hat{b} \rightarrow b \bar{0}$ and $\hat{\bar{b}} \rightarrow \bar{b} 0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	10
93	Observation of the decay $\hat{b} \rightarrow \hat{c} + p + \bar{K}^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 101-111.	4.1	8
94	Observation of a New Λ_{cc}^{++} Resonance. Physical Review Letters, 2018, 121, 072002.	7.8	77
95	Evidence for the Rare Decay $\Lambda_{cc}^{++} \rightarrow \Lambda^+ + \bar{K}^0$. Physical Review Letters, 2018, 120, 221803.	7.8	24
96	Search for the CP-violating strong decays $\Lambda_{cc}^{++} \rightarrow \Lambda^+ + \bar{K}^0$ and $\Lambda_{cc}^{++} \rightarrow \Lambda^0 + \bar{K}^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 233-240.	4.1	7
97	Search for the suppressed decays $B \rightarrow K + K + \bar{K}^0$ and $B \rightarrow \bar{K}^0 + \bar{K}^0 + K^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	4.1	9
98	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	16.7	64
99	Amplitude analysis of $B \rightarrow J/\psi + K$. Observation of the Amplitude Structure Consistent with Exotic States from Amplitude Analysis of $B \rightarrow J/\psi + K$. Physical Review Letters, 2017, 118, 081801.	4.7	92
100	Consistent with Exotic States from Amplitude Analysis of $B \rightarrow J/\psi + K$. Structures	7.8	150
101	Observation of the Annihilation Decay Mode $B \rightarrow K + \bar{K}^0$. Physical Review Letters, 2017, 118, 081801.	7.8	25
102	First Experimental Study of Photon Polarization in Radiative B_s^0 Decays. Physical Review Letters, 2017, 118, 021801.	7.8	20
103	Measurement of forward $B \rightarrow W + b$ and evidence for $B \rightarrow \bar{b} + \bar{K}^0$. Physical Review Letters, 2017, 118, 052002.	4.1	7
104	Observation of the decay $B \rightarrow \bar{b} + \bar{K}^0$ and evidence for $B \rightarrow \bar{b} + \bar{K}^0$. Physical Review Letters, 2017, 118, 052002.	4.7	21
105	Measurement of the $B \rightarrow W + b$ -Quark Production Cross Section in 7 and 13 TeV Collisions. Physical Review Letters, 2017, 118, 052002.	7.8	52
106	Measurement of the phase difference between short- and long-distance amplitudes in the $B \rightarrow K + \bar{K}^0 + \bar{K}^0$ decay. European Physical Journal C, 2017, 77, 161.	3.9	51
107	Study of the $D^0 \rightarrow p \bar{K}^0$ amplitude in $\hat{b} \rightarrow b \bar{0} \rightarrow \bar{D}^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2017, 2017, 14.7	4.7	54
108	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	3.9	54

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109	Observation of $B \rightarrow J/\psi K_S^0$ and $B \rightarrow J/\psi K_L^0$ decays. European Physical Journal C, 2017, 77, 72.	3.9	7
110	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	4.1	17
111	Observation of the Decay $B \rightarrow J/\psi K_S^0$. Physical Review Letters, 2017, 118, 071801.	7.8	9
112	Search for long-lived scalar particles in $B \rightarrow J/\psi K_S^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 159-178.	4.7	79
113	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.	4.7	45
114	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.	4.1	37
115	Study of charmonium production in $B \rightarrow J/\psi K_S^0$ decays and first evidence for the decay $B \rightarrow J/\psi K_S^0$. European Physical Journal C, 2017, 77, 609.	3.9	17
116	Improved limit on the branching fraction of the rare decay $B \rightarrow J/\psi K_S^0$. European Physical Journal C, 2017, 77, 678.	3.9	17
117	Observation of $B_c \rightarrow J/\psi D^{(*)} K^{(*)}$ decays. Physical Review D, 2017, 95, .	4.7	12
118	Measurements of charm mixing and $B \rightarrow J/\psi K_S^0$ violation using $B \rightarrow J/\psi K_S^0$ decays. Physical Review D, 2017, 95, .	4.7	11
119	Measurement of the $B \rightarrow J/\psi K_S^0$ production asymmetry and the CP asymmetry in $B \rightarrow J/\psi K_S^0$ decays. Physical Review D, 2017, 95, .	4.7	6
120	Search for the $B \rightarrow J/\psi K_S^0$ decay. Journal of High Energy Physics, 2017, 2017, 1.	4.7	3
121	Observation of the decay $B \rightarrow J/\psi K_S^0$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	4.7	11
122	Measurement of $B \rightarrow J/\psi K_S^0$ and $B \rightarrow J/\psi K_L^0$ decays. Physical Review Letters, 2017, 119, 112001.	7.8	15
123	Observation of the Doubly-Charmed Baryon. Physical Review Letters, 2017, 119, 112001.	7.8	417
124	Measurement of the CP Violation Parameter A_{CP}^{eff} in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^-$ Decays. Physical Review Letters, 2017, 118, 261803.	7.8	20
125	Observation of $B \rightarrow J/\psi K_S^0$ decays. Physical Review Letters, 2017, 118, 111803.	7.8	25
126	Observation of $B \rightarrow J/\psi K_S^0$ decays. Physical Review Letters, 2017, 118, 111803.	7.8	25

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127	Observation of Five New Narrow $\Upsilon(4S)$ States Decaying to $B_c^0 D^0$. <i>Physical Review Letters</i> , 2017, 118, 251802.	7.8	234
128	Measurement of CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D_s^0 \rightarrow K^+ K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 771, 21-30.	4.1	8
129	Measurement of the $B^0 \rightarrow K^+ K^-$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 772, 265-273.	4.1	18
130	Observation of the $B^0 \rightarrow K^+ K^-$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 772, 265-273.	4.1	17
131	Branching Fraction and Effective Lifetime and Search for $B^0 \rightarrow K^+ K^-$. <i>Physical Review Letters</i> , 2017, 118, 251802.	7.8	220
132	Study of $B^0 \rightarrow K^+ K^-$ Production in Jets. <i>Physical Review Letters</i> , 2017, 118, 192001.	7.8	39
133	Observation of the Decays $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^-$. <i>Physical Review Letters</i> , 2017, 119, 062001.	7.8	28
134	Observation of the $B^0 \rightarrow K^+ K^-$ decay. <i>Physical Review D</i> , 2017, 96, .	4.7	4
135	Search for the Decays $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^-$. <i>Physical Review Letters</i> , 2017, 118, 251802.	7.8	81
136	Measurement of the shape of the $B^0 \rightarrow K^+ K^-$ differential decay rate. <i>Physical Review D</i> , 2017, 96, .	4.7	29
137	Observation of the suppressed decay $B^0 \rightarrow K^+ K^-$. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	15
138	Test of lepton universality with $B^0 \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	425
139	$\Upsilon(4S)$ and $\Upsilon(5S)$ Resonance Parameters with the Decays $B^0 \rightarrow K^+ K^-$. <i>Physical Review Letters</i> , 2017, 119, 221801.	7.8	18
140	Observation of $B^0 \rightarrow K^+ K^-$ Meson Decays to $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^-$. <i>Physical Review Letters</i> , 2017, 119, 181805.	7.8	21
141	LHCb Collaboration. <i>Nuclear Physics A</i> , 2017, 967, 987-993.	1.5	1
142	Search for Baryon-Number Violating $B^0 \rightarrow K^+ K^-$ Oscillations. <i>Physical Review Letters</i> , 2017, 119, 181807.	7.8	6
143	Measurement of the J/ψ pair production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	34
144	New algorithms for identifying the flavour of B^0 mesons using pions and protons. <i>European Physical Journal C</i> , 2017, 77, 238.	3.9	11

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145	Measurements of prompt charm production cross-sections in pp collisions at $s = 5 \sqrt{s} = 5$ TeV. Journal of High Energy Physics, 2017, 2017, .	4.7	35
146	Search for CP violation in the phase space of $D_0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 345-356.	4.1	10
147	Evidence for the two-body charmless baryonic decay $B \rightarrow \pi^+ p \Lambda^-$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
148	First Observation of the Rare Purely Baryonic Decay $B_0 \rightarrow \pi^+ p \Lambda^-$. Physical Review Letters, 2017, 119, 232001.	7.8	15
149	Resonances and CP violation in $B \rightarrow \pi^0$ and $B \rightarrow \pi^0 \pi^+ J/\psi K^+ K^-$ decays in the mass region above the $\Lambda(1020)$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	19
150	Study of $\overline{b}b$ correlations in high energy proton-proton collisions. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
151	Measurement of CP observables in $B \rightarrow \pi^+ DK^{*\mp}$ decays using two- and four-body D final states. Journal of High Energy Physics, 2017, 2017, 1.	4.7	7
152	Measurement of $B_0 \rightarrow B^+ B^-$ and $B^+ \rightarrow B^0 \pi^+ J/\psi K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 139-158.	4.1	13
153	Measurement of CP violation in $B_0 \rightarrow \pi^+ \pi^- J/\psi K^0 S$ and $B_0 \rightarrow \pi^+ \pi^- (2S) K^0 S$ decays. Journal of High Energy Physics, 2017, 2017, .	4.7	9
154	First Observation of a Baryonic $B \rightarrow \pi^+ \pi^- \pi^0$ Decay. Physical Review Letters, 2017, 119, 041802.	4.7	14
155	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	3.9	41
156	Updated branching fraction measurements of $B_0 \rightarrow \pi^+ \pi^- K^0 S$ decays. Journal of High Energy Physics, 2017, 2017, .	4.7	6
157	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
158	Observation of the decay $B \rightarrow \pi^+ \pi^- \pi^0$ and evidence for $B \rightarrow \pi^+ \pi^- c \bar{c} \pi^0$. Journal of High Energy Physics, 2017, 2017, .	4.7	6
159	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at $s = 7 \sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
160	Measurement of the $B \rightarrow \pi^+ \pi^-$ production cross-section in pp collisions at $s = 7 \sqrt{s} = 7$ TeV and 13 TeV. Journal of High Energy Physics, 2017, 2017, .	4.7	17
161	Measurement of the $\Upsilon(nS)$ polarizations in pp collisions at $s = 7 \sqrt{s} = 7$ TeV and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
162	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B \rightarrow \pi^+ \pi^0 \pi^0$ and $B \rightarrow \pi^+ \pi^0 K^+$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	3

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163	Measurement of the front-end dead-time of the LHCb muon detector and evaluation of its contribution to the muon detection inefficiency. Journal of Instrumentation, 2016, 11, P04010-P04010.	1.2	2
164	A precise measurement of the B^0 meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	3.9	21
165	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	3.9	26
166	Observations of $\bar{b} \rightarrow \bar{c} K + \bar{c} \pi$ and $\bar{b} \rightarrow \bar{c} K + K^0$ decays and searches for other $\bar{b} \rightarrow \bar{c}$ and $\bar{b} \rightarrow \bar{u}$ decays to \bar{c} final states. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24
167	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.	4.7	16
168	Observation of $\bar{b} \rightarrow \bar{c} (2S) p K^0$ and $\bar{b} \rightarrow \bar{c} / \bar{u} \pi^+ p K^0$ decays and a measurement of the $\bar{b} \rightarrow \bar{c}$ baryon meson. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
169	Measurement of the properties of the $\bar{\Lambda}_b^0$ baryon. Journal of High Energy Physics, 2016, 2016, .	4.7	21
170	Production of associated Y 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.	4.7	37
171	Measurement of the CKM angle $\hat{\beta}$ using $B^0 \rightarrow DK^0$ with $D \rightarrow K^0 \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2016, 2016, .	4.7	8
172	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	23
173	Measurement of the ratio of branching fractions $\mathcal{B}(B^0 \rightarrow K^+ J/\psi K^-) / \mathcal{B}(B^0 \rightarrow K^+ J/\psi K^0)$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
174	Measurement of forward $W^+ e^{1/2}$ production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
175	Measurement of the CKM angle $\hat{\beta}$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
176	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ and $B^0 \rightarrow K^+ \pi^- \pi^0$ decays and the $B^0 \rightarrow K^+ \pi^- \pi^0$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	4.7	75
177	Study of the production of Λ_b^0 and Λ_b^+ hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	3.7	77
178	A new algorithm for identifying the flavour of B^0 mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	1.2	12
179	Amplitude analysis of $B^0 \rightarrow K^+ \pi^- \pi^0$ decays. Physical Review D, 2016, 94, .	4.7	75
180	Study of B_c^+ decays to the $K^+ K^0 \pi^+$ final state and evidence for the decay $B_c^+ \rightarrow K^+ \pi^0 \pi^+$. Physical Review D, 2016, 94, .	4.7	20

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181	Measurement of the CKM angle β using $B \rightarrow D^* K^0$ decays with $D^* \rightarrow \pi^+ \pi^- K^0$ and $D^* \rightarrow \pi^+ \pi^- K^0$. Journal of High Energy Physics, 2016, 2016, 1.	7.8	12
182	Search for the lepton-flavour violating decay $D^0 \rightarrow \tau^+ \tau^- e^+ e^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 484-492.	4.1	6
183	Search for the lepton-flavour violating decay $D^0 \rightarrow \tau^+ \tau^- e^+ e^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	4.1	20
184	Model-independent measurement of the CKM angle β using $B^0 \rightarrow D^* K^0$ decays with $D^* \rightarrow \pi^+ \pi^- K^0$ and $D^* \rightarrow \pi^+ \pi^- K^0$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	9
185	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.	4.1	17
186	Search for B_c^+ decays to the $p\bar{p}e^+e^-$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	4.1	12
188	Observation of the $B^0 \rightarrow D^* K^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	4.1	14
189	Measurement of CP observables in $B^0 \rightarrow D^* K^0$ and $B^0 \rightarrow D^* K^0$ with two- and four-body D decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	4.1	20
190	Asymmetry in $B \rightarrow D^* K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	7.8	22
191	Mixing. Contributions to $B \rightarrow D^* K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	7.8	102
192	Evidence for Exotic Hadron Contributions to $B \rightarrow D^* K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	7.8	110
193	Studies of the resonance structure in $B \rightarrow D^* K^0$ decays. Physical Review D, 2016, 93, .	4.7	20
194	Measurement of the mass and lifetime of the B_c^+ baryon. Physical Review D, 2016, 93, .	4.7	13
195	Oscillations in $B \rightarrow D^* K^0$ decays. Physical Review D, 2016, 93, .	7.8	27
196	First observation of the rare $B \rightarrow D^* K^0$ decay. Physical Review D, 2016, 93, .	4.7	5
197	Measurement of the $B_s^0 \rightarrow D_s^* D_s^*$ branching fractions. Physical Review D, 2016, 93, .	4.7	5
198	Constraints on the unitarity triangle angle β from Dalitz plot analysis of $B \rightarrow D^* K^0$ decays. Physical Review D, 2016, 93, .	4.7	13

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199	Observation of $B_s^0 \rightarrow D^0 K_S^0$ and Evidence for $B_s^0 \rightarrow D^0 K_S^0$ Decays. Physical Review Letters, 2016, 116, 161802.8	7.8	6
200	Measurement of the Difference of Time-Integrated Asymmetries in $B \rightarrow C P$ Decays. Physical Review Letters, 2016, 116, 161802.8	7.8	42
201	Search for Structure in the $B \rightarrow C P$ Decays. Physical Review Letters, 2016, 116, 161802.8	7.8	31
202	Search for Structure in the $B \rightarrow C P$ Decays. Physical Review Letters, 2016, 117, 152003.	7.8	25
203	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ in the $K_S^0 \pi^+ \pi^-$ region. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
204	Study of $D_{s1}^* \rightarrow D^0 K^+ K^-$ and $D_{s1}^* \rightarrow D^0 K^+ K^0$ decays. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
205	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, .	4.7	59
206	Study of $\tilde{\chi}(2S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
207	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2016, 2016, .	4.7	13
208	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	100
209	First observation of the decay $B_s^0 \rightarrow K^+ K^- K^+ K^-$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1.	4.7	5
210	Observation of the $B_s^0 \rightarrow \tilde{\chi}^0 \tilde{\chi}^0$ decay. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
211	First observation of the decay $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ in the $\tilde{\chi}^0$ region of the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	4.1	13
212	Angular analysis of the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay using 3 fb ⁻¹ of integrated luminosity. Journal of High Energy Physics, 2016, 2016, 1.	4.7	304
213	Study of CP violation in $B^0 \rightarrow D^+ D^-$ ($h=K, \pi$) with the modes $D^+ \rightarrow K^+ \pi^0, D^+ \rightarrow \pi^+ K^0$ and $D^+ \rightarrow K^+ \pi^0$. Physical Review D, 2015, 91, .	4.7	14
214	Study of $B \rightarrow C P$ decays. Physical Review D, 2015, 92, .	4.7	6
215	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	7.8	22
216	Evidence for the Strangeness-Changing Weak Decay $B \rightarrow C P$. Physical Review Letters, 2015, 115, 112001.	7.8	25

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217	First observation and amplitude analysis of the Quantum numbers of the Amplitude analysis of Dalitz plot analysis of Study of boson production in association with beauty and charm.	4.7	50
218	Measurement of the branching fraction ratio Search for the rare decays Model-independent confirmation of the Measurement of Observation of the Observation of Consistent with Pentaquark States in Measurement of the Ratio of Branching Fractions	4.7	69
219	Measurement of the branching fraction ratio Search for the rare decays Model-independent confirmation of the Measurement of Observation of the Observation of Consistent with Pentaquark States in Measurement of the Ratio of Branching Fractions	4.7	30
220	Measurement of the branching fraction ratio Search for the rare decays Model-independent confirmation of the Measurement of Observation of the Observation of Consistent with Pentaquark States in Measurement of the Ratio of Branching Fractions	4.7	80
221	Measurement of the branching fraction ratio Search for the rare decays Model-independent confirmation of the Measurement of Observation of the Observation of Consistent with Pentaquark States in Measurement of the Ratio of Branching Fractions	4.7	22
222	Measurement of the branching fraction ratio Search for the rare decays Model-independent confirmation of the Measurement of Observation of the Observation of Consistent with Pentaquark States in Measurement of the Ratio of Branching Fractions	4.7	14
223	Search for the rare decays Model-independent confirmation of the Measurement of Observation of the Observation of Consistent with Pentaquark States in Measurement of the Ratio of Branching Fractions	4.7	8
224	Measurement of the branching fraction ratio Search for the rare decays Model-independent confirmation of the Measurement of Observation of the Observation of Consistent with Pentaquark States in Measurement of the Ratio of Branching Fractions	4.7	15
225	Measurement of the branching fraction ratio Search for the rare decays Model-independent confirmation of the Measurement of Observation of the Observation of Consistent with Pentaquark States in Measurement of the Ratio of Branching Fractions	7.8	30
226	Observation of the Observation of Consistent with Pentaquark States in Measurement of the Ratio of Branching Fractions	7.8	9
227	Consistent with Pentaquark States in Measurement of the Ratio of Branching Fractions	7.8	816
228	Measurement of the Ratio of Branching Fractions		

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235	Measurement of the exclusive Υ production cross-section in pp collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$ and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	52
236	Measurement of the $B_s^0 \rightarrow \tau^+ \tau^-$ branching fraction and search for the decay $B^0 \rightarrow \tau^+ \tau^-$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	11
237	Forward production of Υ mesons in pp collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$ and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
238	Measurement of the forward-backward asymmetry in $Z/\gamma \rightarrow \tau^+ \tau^-$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	4.7	37
239	First observation and measurement of the branching fraction for the decay $B_s^0 \rightarrow D^+ D^- K^{\pm}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	7
240	First measurement of the differential branching fraction and CP asymmetry of the $B^{\pm} \rightarrow \tau^+ \tau^- K^{\pm}$ decay. Journal of High Energy Physics, 2015, 2015, .	4.7	36
241	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2015, 2015, 1.	4.7	13
242	Measurement of CP violation parameters and polarisation fractions in $B_s^0 \rightarrow J/\psi K^{\pm} K^{\mp}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	4.7	15
243	Measurement of forward $Z \rightarrow e^+ e^-$ production at $s = 8 \sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
244	Differential branching fraction and angular analysis of $B^0 \rightarrow \tau^+ \tau^- K^{\pm}$ decays. Journal of High Energy Physics, 2015, 2015, .	4.7	82
245	Measurement of the time-dependent CP asymmetries in $B_s^0 \rightarrow J/\psi K^+ K^-$. Journal of High Energy Physics, 2015, .	4.7	12
246	Search for the decay $B_s^0 \rightarrow \overline{D}^0 \pi^0(980)$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	17
247	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.	4.7	60
248	Observation of the decay $B^0 \rightarrow \tau^+ \tau^- (2S) K^{\pm}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	4.1	13
249	Angular analysis and differential branching fraction of the decay $B_s^0 \rightarrow \tau^+ \tau^- K^{\pm}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	191
250	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $s \sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	14
251	Angular analysis of the $B^0 \rightarrow \tau^+ \tau^- K^{\pm}$ decay in the low- q^2 region. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
252	Determination of the branching fractions of $B^0 \rightarrow D^+ D^- K^{\pm}$ and $B^0 \rightarrow D^+ D^- K^+$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	6

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253	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. European Physical Journal C, 2015, 75, 595.	3.9	11
254	Observation of the $B_0 \rightarrow \tau^+ \tau^-$ decay from an amplitude analysis of $B_0 \rightarrow \tau^+ (\bar{D}^0 \pi^0) (\bar{D}^0 \pi^0)$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	4.1	14
255	Observation of Two New Resonances. Physical Review Letters, 2015, 114, 062004.	7.8	29
256	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	16.7	105
257	Determination of $\hat{\Gamma}^3$ and charmless two-body decays of beauty mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 1-11.	4.1	13
258	Study of the rare $B \rightarrow \tau^+ \tau^-$ and B_0 decays into the $\bar{D}^0 \pi^0$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 46-55.	4.1	17
259	Precision Measurement of $B \rightarrow \tau^+ \tau^-$ Asymmetry in $B \rightarrow \tau^+ \tau^-$. Physical Review Letters, 2015, 114, 041801.	7.8	32
260	Violation in $B \rightarrow S \tau^+ \tau^-$. Physical Review Letters, 2015, 114, 041801.	7.8	65
261	Measurement of $B \rightarrow \tau^+ \tau^-$ in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2015, 114, 132001.	7.8	61
262	LHCb detector performance. International Journal of Modern Physics A, 2015, 30, 1530022.	1.5	604
263	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	3.9	44
264	Search for CP violation in $B \rightarrow \tau^+ \tau^-$. Physical Review Letters, 2015, 114, 041801.	7.8	65
265	Study of $\hat{\Gamma} \cdot \hat{\Gamma}^2$ mixing from measurement of $B(s) \rightarrow \tau^+ \tau^- \pi^0$ decay rates. Journal of High Energy Physics, 2015, 2015, 1.	4.7	13
266	Measurement of the $Z+b$ -jet cross-section in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. Journal of High Energy Physics, 2015, 2015, 1.	4.7	9
267	Search for the lepton flavour violating decay $\bar{D}_s \rightarrow \tau^+ \tau^- \pi^0$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	32
270	Precise measurements of the properties of the $B_1(5721)0,+$ and $B_2^*(5747)0,+$ states and observation of $B_+ \rightarrow \tau^+ \tau^-$ mass structures. Journal of High Energy Physics, 2015, 2015, 1.	4.7	21

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271	Measurement of indirect CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^+ K^-$ decays using semileptonic B decays. Journal of High Energy Physics, 2015, 2015, .	4.7	17
272	Observation of the rare $B_s^0 \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. Nature, 2015, 522, 68-72.	27.8	390
273	Identification of beauty and charm quark jets at LHCb. Journal of Instrumentation, 2015, 10, P06013-P06013.	1.2	42
274	Measurement of the $\sigma_{c(1S)}(p-p)$ production cross-section in proton-proton collisions via		

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290	Measurement of the resonant and non-resonant $B \rightarrow D^* \mu^{\pm} \mu^{\mp}$ decays. Physical Review Letters, 2014, 112, 041802.	4.7	67
291	Measurements of the $B \rightarrow D^* \mu^{\pm} \mu^{\mp}$ decays. Physical Review Letters, 2014, 112, 041803.	7.8	80
292	Measurements of the $B \rightarrow D^* \mu^{\pm} \mu^{\mp}$ decays. Physical Review Letters, 2014, 112, 041804.	7.8	17
293	Measurements of the $B \rightarrow D^* \mu^{\pm} \mu^{\mp}$ decays. Physical Review Letters, 2014, 112, 041805.	4.7	99
294	Measurements of the $B \rightarrow D^* \mu^{\pm} \mu^{\mp}$ decays. Physical Review Letters, 2014, 112, 041806.	7.8	20
295	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 032001.	7.8	36
296	Test of Lepton Universality Using $B \rightarrow K^* \mu^{\pm} \mu^{\mp}$ Decays. Physical Review Letters, 2014, 113, 151601.	7.8	845
297	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 151602.	7.8	39
298	violation in $B \rightarrow D^* \mu^{\pm} \mu^{\mp}$ decays. Physical Review D, 2014, 90, .	4.7	18
299	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	7.8	26
300	Observation of $B^0 \rightarrow D^* \mu^{\pm} \mu^{\mp}$ Decays and Measurement of the θ_{13} Mixing Angle. Physical Review Letters, 2014, 112, 091802.	7.8	24
301	fractions to $B \rightarrow D^* \mu^{\pm} \mu^{\mp}$ decays. Physical Review Letters, 2014, 112, 091803.	4.7	31
302	Studies of beauty baryon decays to $B \rightarrow D^* \mu^{\pm} \mu^{\mp}$ decays. Physical Review D, 2014, 89, .	4.7	31
303	Observation of charmonium pairs produced exclusively in pp collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002.	3.6	14
304	Study of χ_{c0} χ_{c1} χ_{c2} meson production in pp collisions at $\sqrt{s} = 7$ and 8 TeV. European Physical Journal C, 2014, 74, .	3.9	43
305	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \mu^+ \mu^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	21
306	Search for CP violation in $D^0 \rightarrow K^+ K^- \mu^+ \mu^-$ and $D^0 \rightarrow K^+ K^- \mu^+ \mu^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	13

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307	First observations of the rare decays $B \rightarrow \hat{\pi}^+ K + \hat{\pi}^- + \hat{\pi}^0$ and $B \rightarrow \hat{\pi}^+ \hat{\pi}^- K + \hat{\pi}^0$. Journal of High Energy Physics, 2014, 2014, 1.	4.7	9
308	Measurement of the $B(3P)$ mass and of the relative rate of $B(1P)$ and $B(2P)$ production. Journal of High Energy Physics, 2014, 2014, 1.	4.7	20
309	Measurement of the CKM angle $\hat{\beta}$ using $B \rightarrow \hat{\pi}^+ DK$ with $D \rightarrow K S^0 \hat{\pi}^- + \hat{\pi}^0 K S^0 \hat{\pi}^-$, $K S^0 K + K \hat{\pi}^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	22
310	Measurement of CP asymmetry in $B \rightarrow D s^+ K^{\pm}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	14
311	Measurement of the forward W boson cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
312	Measurement of the flavour-specific CP-violating asymmetry $A_{CP}^{\text{FB}}(B \rightarrow \hat{\pi}^+ K^{\pm})$. Journal of High Energy Physics, 2014, 2014, 1.	4.1	34
313	Measurement of the CP-violating phase $\hat{\beta}$ using $B \rightarrow \hat{\pi}^+ DK$ with $D \rightarrow K S^0 \hat{\pi}^- + \hat{\pi}^0 K S^0 \hat{\pi}^-$, $K S^0 K + K \hat{\pi}^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.1	13
314	Study of forward Z + jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
315	Study of J/ψ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	74
316	Measurement of the CP-violating phase $\hat{\beta}$ using $B \rightarrow \hat{\pi}^+ DK$ with $D \rightarrow K S^0 \hat{\pi}^- + \hat{\pi}^0 K S^0 \hat{\pi}^-$, $K S^0 K + K \hat{\pi}^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.1	13
317	Measurement of the CP-violating phase $\hat{\beta}$ using $B \rightarrow \hat{\pi}^+ DK$ with $D \rightarrow K S^0 \hat{\pi}^- + \hat{\pi}^0 K S^0 \hat{\pi}^-$, $K S^0 K + K \hat{\pi}^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.1	13
318	Measurement of the CP-violating phase $\hat{\beta}$ using $B \rightarrow \hat{\pi}^+ DK$ with $D \rightarrow K S^0 \hat{\pi}^- + \hat{\pi}^0 K S^0 \hat{\pi}^-$, $K S^0 K + K \hat{\pi}^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.1	40
319	Measurement of the CP-violating phase $\hat{\beta}$ using $B \rightarrow \hat{\pi}^+ DK$ with $D \rightarrow K S^0 \hat{\pi}^- + \hat{\pi}^0 K S^0 \hat{\pi}^-$, $K S^0 K + K \hat{\pi}^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	2.5	114
320	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.	4.7	34
321	Searches for Λ_b^0 and Ξ_b^0 decays to $K_{\text{charm}}^0 \pi^+$ and $K_{\text{charm}}^0 \pi^0$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{charm}}^0 \pi^+$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
322	Observation of associated production of a Z boson with a D meson in the forward region. Journal of High Energy Physics, 2014, 2014, 1.	4.7	11
323	Measurements of the B^+ , B^0 , B_s^0 meson and Λ_b^0 baryon lifetimes. Journal of High Energy Physics, 2014, 2014, 1.	4.7	26
324	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow \hat{\pi}^+ K^*(892)^0$. Journal of High Energy Physics, 2014, 2014, 1.	4.7	13

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343	Precision measurement of the ratio of the $\langle \cos\theta \rangle$ to $\langle \cos^2\theta \rangle$ for the decay $B \rightarrow D^* K^0$. Journal of High Energy Physics, 2013, 2013, 1.	4.1	50
344	Precision luminosity measurements at LHCb. Journal of Instrumentation, 2014, 9, P12005-P12005.	1.2	110
345	Differential branching fraction and angular analysis of the decay $B \rightarrow D^* K^0$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	103
346	Search for CP violation in $D \rightarrow K^* \pi$ and $D \rightarrow K^* \rho$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14
347	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	4.7	65
348	Production of J/ψ and Υ mesons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	65
349	Measurement of the $B \rightarrow D^* K^0$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
350	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.	4.7	7
351	Measurement of the fragmentation fraction ratio f_s/f_d and its dependence on B meson kinematics. Journal of High Energy Physics, 2013, 2013, 1.	4.7	89
352	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.	4.7	53
353	Differential branching fraction and angular analysis of the $B \rightarrow D^* K^0$ decay. Journal of High Energy Physics, 2013, 2013, 1.	4.7	72
354	First evidence for the annihilation decay mode $B^0 \rightarrow D_s^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, .	4.7	13
355	Measurement of J/ψ production in pp collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	30
356	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2421.	3.9	25
357	Measurements of the branching fractions of $B^0 \rightarrow \rho^+ K^-$ decays. European Physical Journal C, 2013, 73, 2462.	3.9	24
358	Search for $D \rightarrow K^* \rho$ decays. European Physical Journal C, 2013, 73, 2462.	3.9	24
359	Model-independent search for CP violation in $B \rightarrow D^* K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 203-212.	4.1	22
360	Measurement of the time-dependent CP asymmetry in $B \rightarrow D^* K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	4.1	13

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361	Study of $B_{(s)}^0 \rightarrow K_{\text{charmless}}^0 h^+ h'^-$ decays with first observation of $B_{(s)}^0 \rightarrow K_{\text{charmless}}^0 \pi^+ \pi^-$ and $B_{(s)}^0 \rightarrow K_{\text{charmless}}^0 \pi^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, .	4.1	12
362	Measurement of the relative rate of prompt $\bar{c}0$, $\bar{c}1$ and $\bar{c}2$ production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	36
364	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow \overline{p} \Lambda^0$. Journal of High Energy Physics, 2013, 2013, .	4.7	10
365	Study of D J meson decays to $D^+ \bar{\Lambda}^0$, $D^0 \bar{\Lambda}^0$ and $D^+ \bar{\Lambda}^0$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	4.7	82
366	First observation of the decay $B_c^+ \rightarrow \{ \psi \{ K^+ \} \}$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	41
367	Searches for $B_{(s)}^0 \rightarrow \{ \psi \{ p \} \} \overline{p}$ and $B^+ \rightarrow \{ \psi \{ p \} \} \overline{p} \Lambda^0$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7
368	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow \bar{K}^0 \pi^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	111
369	Measurement of B meson production cross-sections in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	50
370	Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1.	3.9	137
371	Observation of $B^0 \rightarrow \overline{B}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	3.9	17
372	Search for the doubly charmed baryon Ξ_{cc}^+ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	50
373	Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	3.9	117
374	Observation of the decay $B_c^+ \rightarrow \psi \{ K^+ K^0 \} \Lambda^0$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	25
375	First observation of the decay $B_s^0 \rightarrow \overline{K}^0 \{ \mu^+ \mu^- \}$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	9
376	First Evidence for the Decay $B_c^+ \rightarrow \psi \{ K^+ \} \Lambda^0$. Physical Review Letters, 2013, 110, 021801.	7.8	292
377	First Observation of $B_c^+ \rightarrow \psi \{ K^+ \} \Lambda^0$. Physical Review Letters, 2013, 110, 221601.	7.8	105
378	Search for the rare decay $K_{\text{charmless}}^0 \rightarrow \{ \mu^+ \mu^- \}$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	13

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397	Precision measurement of the $B \rightarrow D^* s$ oscillation frequency with the decay $B \rightarrow D^* s$. New Journal of Physics, 2013, 15, 053021.	2.9	59
398	Exclusive J/ψ and $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045001.	3.6	104
399	Search for the Lepton-Flavor-Violating Decays $B_s \rightarrow e^+ \mu^-$ and $B \rightarrow e^+ \mu^-$. Physical Review Letters, 2013, 111, 141801.	4.7	74
400	Precision Measurement of the $B \rightarrow D^* s$ Lifetime. Physical Review Letters, 2013, 111, 102003.	4.7	74
401	Measurement of $B \rightarrow D^* s$ violation and the $B \rightarrow D^* s$ decay width difference with $B \rightarrow D^* s$. Physical Review Letters, 2013, 111, 102003.	4.7	74
402	Measurement of $B \rightarrow D^* s$ Mixing Parameters and Search for $B \rightarrow D^* s$. Physical Review Letters, 2013, 111, 102003.	4.7	74
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406	Measurement of the branching fractions of the decays $B \rightarrow D^* s$ and $B \rightarrow D^* s$. Physical Review D, 2013, 87, .	4.7	19
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411	Measurement of $B \rightarrow D^* s$ Violation in the Phase Space of $B \rightarrow D^* s$. Physical Review Letters, 2013, 111, 102003.	7.8	101
412	Measurement of Form-Factor-Independent Observables in the Decay $B \rightarrow D^* s$. Physical Review D, 2013, 87, .	4.7	7
413	Measurement of $B \rightarrow D^* s$ Violation in the Phase Space of $B \rightarrow D^* s$. Physical Review Letters, 2013, 111, 102003.	7.8	101
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420	Amplitude analysis and branching fraction measurement of $B \rightarrow K^* \bar{K}^0$. Physical Review Letters, 2013, 110, 151803. $B \rightarrow K^* \bar{K}^0$	4.7	36
421	First observation of $B \rightarrow K^* \bar{K}^0$. Physical Review Letters, 2013, 110, 151803. $B \rightarrow K^* \bar{K}^0$	7.8	51
422	Measurement of the $B \rightarrow K^* \bar{K}^0$ Fraction and Search for $B \rightarrow K^* \bar{K}^0$. Physical Review D, 2013, 88, . $B \rightarrow K^* \bar{K}^0$	4.7	20
423	Fraction and Search for $B \rightarrow K^* \bar{K}^0$. Physical Review D, 2013, 88, . $B \rightarrow K^* \bar{K}^0$	7.8	258
424	Search for Rare $B \rightarrow K^* \bar{K}^0$. Physical Review D, 2013, 88, . $B \rightarrow K^* \bar{K}^0$	7.8	21
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436	Measurement of the $C \rightarrow P$ -Violating Phase $\arg(\lambda_{cb})$ in the Decay $C \rightarrow P \pi^0$. Physical Review Letters, 2012, 108, 101601.	7.8	108
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474	Measurement of b-hadron masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	4.1	58
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484	Measurement of the inclusive \bar{c} cross-section in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2025.	4.1	20
485	Measurement of CP violation in $B \rightarrow \bar{c} s$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 203-212.	4.1	15
486	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	3.9	238

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488	First observation of χ production in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.1	29
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