

Juan JosÃ© Saborido Silva

List of Publications by Year in descending order

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Version: 2024-02-01

519
papers

27,223
citations

7568

77
h-index

9861

141
g-index

530
all docs

530
docs citations

530
times ranked

9472
citing authors

#	ARTICLE	IF	CITATIONS
19	Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow \pi^+ \pi^- (2S)$ and $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
20	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^+ K^+$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	10
21	Precision measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ branching fraction. Journal of High Energy Physics, 2019, 2019, 1.	4.7	20
22	Amplitude analysis of $B^0 \rightarrow K^0 K^+ K^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
23	First Observation of the Radiative Decay $B^0 \rightarrow \pi^+ \pi^- \gamma$. Physical Review Letters, 2019, 123, 031801.	7.8	19
24	Measurement of the branching fraction and CP asymmetry in $B^+ \rightarrow \pi^+ \rho^0$ decays. European Physical Journal C, 2019, 79, 1.	3.9	3
25	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2019, 122, 231802.	7.8	55
26	Near-threshold D^0 spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	4.7	29
27	Amplitude analysis of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays and measurement of the branching fraction of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
28	Observation of New Resonances in the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decay. Sys. Physical Review Letters, 2019, 123, 152001.	7.8	19
29	Updated measurement of time-dependent CP-violating observables in $B^0 \rightarrow \pi^+ \pi^-$ decays. European Physical Journal C, 2019, 79, 1.	3.9	20
30	Measurements of CP asymmetries in charmless four-body Λ_b^0 and Ξ_b^0 decays. European Physical Journal C, 2019, 79, 1.	3.9	11
31	Measurement of $B^0 \rightarrow \pi^+ \pi^- \pi^0$ hadron fractions in 13ATeV collisions. Physical Review D, 2019, 100,	4.7	51
32	Measurement of the relative $B^0 \rightarrow D^0 D^{*0} \pi^0$ branching fractions using B^0 mesons from $B^0 \rightarrow D^0 \pi^0$ decays. Physical Review D, 2019, 99, .	4.7	3
33	Measurement of CP observables in the process $B^0 \rightarrow D^+ D^{*0}$ with two- and four-body D decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
34	Search for the rare decay $B^+ \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$. European Physical Journal C, 2019, 79, 1.	3.9	11
35	Measurement of the CP-violating phase from $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. Physics Letters, 2019, 811, 281-284.	4.1	6
36	Observation of the $\Lambda_b^0 \rightarrow \mu^+ \mu^- \pi^0$ (3872) $p \bar{K}^+$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7

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37	Measurement of the Charm-Mixing Parameter γ_{CP} . Physical Review Letters, 2019, 122, 011802.	7.8	15
38	Search for CP Violation in $D_s \rightarrow K^0 \ell^+ \ell^-$, $D \rightarrow K^0 \ell^+ \ell^-$, and $D \rightarrow K^0 \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 191803.	7.8	9
39	Measurement of $B \rightarrow K^0 \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 191803.	7.8	9
40	Measurement of $B \rightarrow K^0 \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 191803.	4.7	17
41	Observation of a Narrow Pentaquark State. Physical Review Letters, 2019, 122, 232001.	7.8	157
42	Observation of an Excited Pentaquark State. Physical Review Letters, 2019, 122, 232001.	7.8	157
43	Search for Lepton-Universality Violation in $B \rightarrow K^0 \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 191801.	7.8	355
44	Observation of the doubly Cabibbo-suppressed decay $\tilde{\chi}^0 \rightarrow c \bar{c} \pi^+ \pi^-$. Journal of High Energy Physics, 2019, 2019, 1.	7.8	2
45	Model-Independent Observation of Exotic Contributions to $B \rightarrow K^0 \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 152002.	7.8	24
46	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.	4.7	7
47	First Measurement of a Long-Lived Atom Lifetime. Physical Review Letters, 2019, 122, 082003.	7.8	28
48	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. Physical Review Letters, 2019, 122, 132002.	7.8	48
49	Measurement of the mass and production rate of $\tilde{\chi}^0$ baryons. Physical Review D, 2019, 99, .	4.7	18
50	Prompt $\tilde{b} \rightarrow c$ production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
51	A search for Ξ_{cc}^{++} decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
52	Measurement of CP violation in the $B_s^0 \rightarrow \phi \phi$ decay and search for the $B^0 \rightarrow \tilde{\chi}^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
53	Measurement of the meson production fraction and asymmetry in 7 and 13 TeV collisions. Physical Review D, 2019, 100, .	4.7	12

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55	Search for Lepton-Flavor Violating Decays $B \rightarrow K + \tau + \mu + \nu$. Physical Review Letters, 2019, 123, 241802.	7.8	18
56	Measurement of C and P -Violating and Mixing-Induced Observables in $B \rightarrow \tau + \nu$ Decays. Physical Review Letters, 2019, 123, 231802.	7.8	10
57	Amplitude Analysis of $B \rightarrow \tau + \nu$ Decays. Physical Review Letters, 2019, 123, 231802.	7.8	88
58	Observation of Two Resonances in the $B \rightarrow \tau + \nu$ Decays. Physical Review Letters, 2019, 123, 231802.	7.8	10
59	Search for excited B_c^+ states. Journal of High Energy Physics, 2018, 2018, 1.	4.7	15
60	Search for Dark Photons Produced in 13 TeV Collisions. Physical Review Letters, 2018, 120, 061801.	7.8	113
61	First observation of forward $Z \tau^+ b \bar{\nu}_\tau$ production in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 430-439.	4.1	2
62	Measurement of CP observables in $B \rightarrow D(\bar{K}^*) K^*$ and $B \rightarrow D(\bar{K}^*) \bar{K}^*$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 16-30.	4.1	15
63	Gamma-aminobutyric acid (GABA) receptors genes polymorphisms and risk for restless legs syndrome. Pharmacogenomics Journal, 2018, 18, 565-577.	2.0	18
64	A measurement of the CP asymmetry difference between $B^0 \rightarrow \tau^+ \nu_\tau K^0$ and $B^0 \rightarrow \tau^+ \nu_\tau \bar{K}^0$ decays. Journal of High Energy Physics, 2018, 2018, .	4.7	14
65	Measurement of CP asymmetry in $B^0 \rightarrow \tau^+ \nu_\tau D^0$ decays. Journal of High Energy Physics, 2018, 2018, 4.7	4.7	13
66	Search for the lepton-flavour violating decays $B^0 \rightarrow \tau^+ \nu_\tau \mu^+ \mu^-$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	21
67	First measurement of the CP-violating phase ϕ_{s^*} in $B^0 \rightarrow \tau^+ \nu_\tau (K^+ \bar{K}^0) (K^+ \bar{K}^0)$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	11
68	Test of lepton flavor universality by the measurement of the $B \rightarrow D^* \tau^+ \nu_\tau$ decays. Physical Review Letters, 2018, 121, 011801.	4.7	189
69	Measurement of the Ratio of Branching Fractions $R_{\tau/\mu}$ in $B \rightarrow D^* \tau^+ \nu_\tau$ and $B \rightarrow D^* \mu^+ \nu_\mu$ decays. Physical Review Letters, 2018, 121, 011801.	4.7	204
70	Measurement of the Ratio of Branching Fractions $R_{\tau/\mu}$ in $B \rightarrow D^* \tau^+ \nu_\tau$ and $B \rightarrow D^* \mu^+ \nu_\mu$ decays. Physical Review Letters, 2018, 121, 011801.	4.7	204
71	Measurement of the Ratio of Branching Fractions $R_{\tau/\mu}$ in $B \rightarrow D^* \tau^+ \nu_\tau$ and $B \rightarrow D^* \mu^+ \nu_\mu$ decays. Physical Review Letters, 2018, 121, 011801.	4.7	204
72	Measurement of the Ratio of Branching Fractions $R_{\tau/\mu}$ in $B \rightarrow D^* \tau^+ \nu_\tau$ and $B \rightarrow D^* \mu^+ \nu_\mu$ decays. Physical Review Letters, 2018, 121, 011801.	4.7	204

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91	First Observation of the Doubly Charmed Baryon Decay $\Lambda_{cc}^{\prime\prime}$ $\langle \text{mml:msubsup} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{c} \rangle \langle \text{mml:mi} \text{c} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \text{form="prefix"} \rangle \langle \text{mml:mo} \text{form="prefix"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \text{c} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle$	7.8	122
92	Measurement of D_{s1}^{\pm} production asymmetry in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1. $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:mi} \text{C} \rangle \langle \text{mml:mi} \text{P} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \text{D} \rangle \langle \text{mml:mn} \text{0} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle$	4.7	5
93	Asymmetries in B_{c1}^{\pm} decays $\langle \text{mml:msubsup} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \langle \text{mml:mi} \text{c} \rangle \langle \text{mml:mn} \text{0} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \langle \text{mml:mi} \text{c} \rangle \langle \text{mml:mn} \text{0} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \langle \text{mml:mi} \text{c} \rangle \langle \text{mml:mn} \text{0} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle$	7.8	13
94	Measurement of the B_c^{\pm} Baryon Lifetime. Physical Review Letters, 2018, 121, 092003.	7.8	23
95	Evidence for the decay $B_{c1}^{\pm} \rightarrow \bar{K}^0 \mu^+ \mu^-$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
96	Measurement of the CP asymmetry in $B_{c1}^{\pm} \rightarrow \bar{D}^0 \mu^+ \mu^-$ and $B_{c1}^{\pm} \rightarrow \bar{D}^0 \mu^+ \mu^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	2
97	Search for CP violation using triple product asymmetries in $B_{c1}^0 \rightarrow \bar{K}^0 \mu^+ \mu^-$, $B_{c1}^0 \rightarrow \bar{K}^0 \mu^+ \mu^-$ and $B_{c1}^0 \rightarrow \bar{K}^0 \mu^+ \mu^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	11
98	Search for the rare decay $B_{c1}^{\pm} \rightarrow \bar{K}^0 \mu^+ \mu^-$ $\langle \text{mml:msubsup} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \langle \text{mml:mi} \text{c} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \langle \text{mml:mi} \text{p} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle$	4.7	17
99	Search for weakly decaying b -flavored pentaquarks. Physical Review D, 2018, 97, .	4.7	7
100	First observation of $B_{c1}^{\pm} \rightarrow \bar{K}^0 \mu^+ \mu^-$ decays and a search for $B_{c1}^{\pm} \rightarrow \bar{K}^0 \mu^+ \mu^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	11
101	Measurements of the branching fractions of $B_{c1}^{\pm} \rightarrow \bar{K}^0 \mu^+ \mu^-$, $B_{c1}^{\pm} \rightarrow \bar{K}^0 \mu^+ \mu^-$, and $B_{c1}^{\pm} \rightarrow \bar{K}^0 \mu^+ \mu^-$. Journal of High Energy Physics, 2018, 2018, .	4.7	10
102	Measurement of CP violation in $B_{c1}^0 \rightarrow \bar{K}^0 \mu^+ \mu^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	4
103	Amplitude Analysis of the Decay $B_{c1}^0 \rightarrow \bar{K}^0 \mu^+ \mu^-$ and First Observation of the CP Asymmetry in $B_{c1}^0 \rightarrow \bar{K}^0 \mu^+ \mu^-$. Physical Review Letters, 2018, 120, 261801.	7.8	14
104	Search for B_{c1}^+ decays to two charm mesons. Nuclear Physics B, 2018, 930, 563-582.	2.5	8
105	Measurement of the Lifetime of the Doubly Charmed Baryon $\Lambda_{cc}^{\prime\prime}$ $\langle \text{mml:msubsup} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{c} \rangle \langle \text{mml:mi} \text{c} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \text{form="prefix"} \rangle \langle \text{mml:mo} \text{form="prefix"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \text{p} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle$	7.8	76
106	Measurement of branching fractions of charmless four-body $\bar{b} \rightarrow b \bar{0}$ and $\bar{b} \rightarrow b \bar{0}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	10
107	Evidence for the Rare Decay $B_{c1}^{\pm} \rightarrow \bar{K}^0 \mu^+ \mu^-$ $\langle \text{mml:msup} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \text{p} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle$	7.8	24
108	Search for the CP-violating strong decays $\Lambda_{cc}^{\prime\prime} \rightarrow \bar{K}^0 \mu^+ \mu^-$ and $\Lambda_{cc}^{\prime\prime} \rightarrow \bar{K}^0 \mu^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 233-240.	4.1	7

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109	Search for the suppressed decays $B \rightarrow K^+ K^+ \bar{K}^0$ and $B \rightarrow K^+ \bar{K}^0 K^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	4.1	9
110	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	16.7	64
111	Amplitude analysis of $B \rightarrow J/\psi K^0$ decays. Physical Review Letters, 2017, 118, 081801.	4.7	92
112	Consistent with Exotic States from Amplitude Analysis of $B \rightarrow J/\psi K^0$ decays. Physical Review Letters, 2017, 118, 081801.	7.8	150
113	Physical Review Letters, 2017, 118, 081801.	7.8	25
114	First Experimental Study of Photon Polarization in Radiative B_s^0 Decays. Physical Review Letters, 2017, 118, 021801.	7.8	20
115	Observation of the decay $B \rightarrow W^+ W^- K^0$ and evidence for $B \rightarrow W^+ W^- K^0$. Physical Review Letters, 2017, 118, 052002.	4.1	7
116	Measurement of the $B \rightarrow W^+ W^- K^0$ -Quark Production Cross Section in 7 and 13 TeV Collisions. Physical Review Letters, 2017, 118, 052002.	4.7	21
117	Measurement of the phase difference between short- and long-distance amplitudes in the $B \rightarrow K^+ K^+ \bar{K}^0$ decay. European Physical Journal C, 2017, 77, 161.	7.8	52
118	Study of the $D^0 \rightarrow p \bar{p} \pi^0$ amplitude in $B^0 \rightarrow D^0 p \bar{p} \pi^0$ decays. Journal of High Energy Physics, 2017, 2017, 14.7	14.7	54
120	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	3.9	54
121	Observation of $B \rightarrow J/\psi K^0$ and $B \rightarrow J/\psi K^0$. European Physical Journal C, 2017, 77, 72.	3.9	7
122	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	4.1	17
123	Observation of the Decay $B \rightarrow J/\psi K^0$. Physical Review Letters, 2017, 118, 071801.	7.8	9
124	Measurement of the \bar{K}^0 atom lifetime and the \bar{K}^0 scattering length. Physical Review D, 2017, 96, .	4.7	6
125	Search for long-lived scalar particles in $B \rightarrow J/\psi K^0$ decays. Physical Review Letters, 2017, 118, 071801.	4.7	79
126	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

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127	Prompt and nonprompt J/ψ production and nuclear modification in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 159-178.	4.1	37
128	Study of charmonium production in $B_s^0 \rightarrow J/\psi \phi$ and $B_s^0 \rightarrow J/\psi \phi(1025)$ decays. European Physical Journal C, 2017, 77, 609.	3.9	17
129	Improved limit on the branching fraction of the rare decay $B_s^0 \rightarrow \mu^+ \mu^- \phi$. European Physical Journal C, 2017, 77, 678.	3.9	17
130	Observation of $B_c \rightarrow J/\psi D^{(*)} K^{(*)}$ decays. Physical Review D, 2017, 95, .	4.7	12
131	Measurements of charm mixing and violation using $B_c \rightarrow D^{(*)} K^{(*)}$ decays. Physical Review D, 2017, 95, .	4.7	11
132	Measurement of the B_{Δ^\pm} production asymmetry and the CP asymmetry in $B_{\Delta^\pm} \rightarrow J/\psi K_{\Delta^\pm}$ decays. Physical Review D, 2017, 95, .	4.7	6
133	Search for the $B_s^0 \rightarrow \mu^+ \mu^- \phi$ decay. Journal of High Energy Physics, 2017, 2017, 1.	4.7	3
134	Observation of the decay $B^0 \rightarrow \mu^+ \mu^- \phi$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	4.7	11
135	Measurement of $B_c \rightarrow D^{(*)} K^{(*)}$ and $B_c \rightarrow D^{(*)} K^{(*)} \phi$ decays. Physical Review Letters, 2017, 119, 101801.	7.8	15
136	Meson Lifetimes. Physical Review Letters, 2017, 119, 101801.	7.8	417
137	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.	7.8	20
138	Observation of $B_c \rightarrow D^{(*)} K^{(*)}$ and $B_c \rightarrow D^{(*)} K^{(*)} \phi$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	7.8	25
139	Observation of Five New Narrow States Decaying to $B_c \rightarrow D^{(*)} K^{(*)}$ and $B_c \rightarrow D^{(*)} K^{(*)} \phi$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	7.8	234
140	Measurement of CP asymmetries in $D_{\Delta^\pm} \rightarrow \mu^+ \mu^- \phi$ and $D_{\Delta^\pm} \rightarrow \mu^+ \mu^- \phi$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	4.1	8
141	Observation of $B_c \rightarrow D^{(*)} K^{(*)}$ and $B_c \rightarrow D^{(*)} K^{(*)} \phi$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	4.1	18
142	Measurement of the $B_c \rightarrow D^{(*)} K^{(*)}$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	4.1	17
143	Branching Fraction and Effective Lifetime and Search for $B_c \rightarrow D^{(*)} K^{(*)}$ and $B_c \rightarrow D^{(*)} K^{(*)} \phi$ decays. Physical Review Letters, 2017, 118, 1	7.8	220

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163	Measurement of CP observables in $B_{\pm} \rightarrow DK^* \Delta_{\pm}$ decays using two- and four-body D final states. Journal of High Energy Physics, 2017, 2017, 1.	4.7	7
164	Measurement of B_0 , B^+ and B_s and B_s^0 decays. Journal of High Energy Physics, 2017, 2017, 1.	4.1	13
165	Measurement of CP violation in $B_0 \rightarrow K^* K^0$ and $B_0 \rightarrow K^* K^0(2S)$ decays. Journal of High Energy Physics, 2017, 2017, .	4.7	9
166	First Observation of a Baryonic B_c decay. Physical Review Letters, 2017, 119, 041802.	4.7	14
167	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	3.9	41
168	Updated branching fraction measurements of $B_0 \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2017, 2017, .	4.7	6
169	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
170	Observation of the decay $B_s^0 \rightarrow K^* K^0$ and evidence for $B_s^0 \rightarrow K^* K^0$. Journal of High Energy Physics, 2017, 2017, .	4.7	6
171	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
172	Measurement of the B_{\pm} production cross-section in pp collisions at $s = 7 \sqrt{s} = 7$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, .	4.7	17
173	Measurement of the $Y(nS)$ polarizations in pp collisions at $s = 7 \sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
174	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^+ \rightarrow K^* K^+$ and $B^+ \rightarrow K^* K^0$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	3
175	A precise measurement of the B^0 meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	3.9	21
176	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	3.9	26
177	Observations of $\bar{b} \rightarrow b$ decays and searches for other $\bar{b} \rightarrow b$ decays to final states. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24
178	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $s = 8 \sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	16
179	Observation of $\bar{b} \rightarrow b$ decays and a measurement of the $\bar{b} \rightarrow b$ baryon. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
180	Measurement of the properties of the $\bar{b} \rightarrow b$ baryon. Journal of High Energy Physics, 2016, 2016, .	4.7	21

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182	Measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow DK^*$ with $D \rightarrow K^* S^0 \bar{K}^0 + \bar{K}^* \bar{K}^0$ decays. Journal of High Energy Physics, 2016, 2016, .	4.7	8
183	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.	4.7	23
184	Measurement of the ratio of branching fractions $\hat{a}_{\rightarrow B^0 c + \hat{a}^+ J / \hat{a}_{\rightarrow B^0 c + \hat{a}^+ J}$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
185	Measurement of forward $W^+ e^{1/2}$ production in pp collisions at s = 8 $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
186	Measurement of the CKM angle $\hat{\beta}^3$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
187	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ \bar{K}^0 \hat{a}^+ + \hat{a}^+ \bar{K}^0$ decays and the $B^0 \rightarrow K^+ \bar{K}^0 - (892)^0 \hat{a}^+ + \hat{a}^+ \bar{K}^0$ differential branchi. Journal of High Energy Physics, 2016, 2016, 1.	4.7	75
188	Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	3.7	77
189	A new algorithm for identifying the flavour of B_c mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	1.2	12
190	Amplitude analysis of $B_c \rightarrow D^* \bar{K}^0 \hat{a}^+$ decays. Physical Review D, 2016, 94, .	4.7	7
191	Study of $B_c \rightarrow K^+ \bar{K}^0 \bar{K}^0$ final state and evidence for the decay $B_c \rightarrow K^+ \bar{K}^0 \bar{K}^0$. Physical Review D, 2016, 94, .	4.7	20
192	Measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow DK^*$ decays with $D \rightarrow K^* S^0 \bar{K}^0 + \bar{K}^* \bar{K}^0$ and $K^* S^0 \bar{K}^0$. Journal of High Energy Physics, 2016, 2016, 1.	7.8	12
193	Measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow DK^*$ decays with $D \rightarrow K^* S^0 \bar{K}^0 + \bar{K}^* \bar{K}^0$ and $K^* S^0 \bar{K}^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 484-488.	4.1	6
194	Search for the lepton-flavour violating decay $D^0 \rightarrow e^+ \mu^- \hat{a}^+$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	4.1	20
195	Model-independent measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow DK^*$ decays with $D \rightarrow K^* S^0 \bar{K}^0 + \bar{K}^* \bar{K}^0$ and $K^* S^0 \bar{K}^0$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	9
196	Observation of $B_c \rightarrow D^* \bar{K}^0 \hat{a}^+$ decays. Physical Review D, 2016, 94, .	7.8	14
197	Measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow DK^*$ decays with $D \rightarrow K^* S^0 \bar{K}^0 + \bar{K}^* \bar{K}^0$ and $K^* S^0 \bar{K}^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 484-488.	4.1	17
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202	Measurement of the $B_c^+ \rightarrow C^+ P^-$ Asymmetry in $B_c^+ \rightarrow \bar{p} \ell^+ \nu_\ell$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	7.8	22
203	Evidence for Exotic Hadron Contributions to $B_c^+ \rightarrow \bar{p} \ell^+ \nu_\ell$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	7.8	102
204	Studies of the resonance structure in $B_c^+ \rightarrow \bar{p} \ell^+ \nu_\ell$ decay. Physical Review D, 2016, 93, .	7.8	110
205	Measurement of the mass and lifetime of the B_c^+ baryon. Physical Review D, 2016, 93, .	4.7	20
206	Constraints on the unitarity triangle angle α_1 from Dalitz plot analysis of $B_c^+ \rightarrow \bar{p} \ell^+ \nu_\ell$ decay. Physical Review D, 2016, 93, .	4.7	13
207	Observation of the rare $B_c^+ \rightarrow \bar{p} \ell^+ \nu_\ell$ decay. Physical Review D, 2016, 93, .	7.8	27
208	First observation of the rare $B_c^+ \rightarrow \bar{p} \ell^+ \nu_\ell$ decay. Physical Review D, 2016, 93, .	4.7	5
209	Measurement of the $B_c^+ \rightarrow \bar{p} \ell^+ \nu_\ell$ branching fractions. Physical Review D, 2016, 93, .	4.7	5
210	Constraints on the unitarity triangle angle α_1 from Dalitz plot analysis of $B_c^+ \rightarrow \bar{p} \ell^+ \nu_\ell$ decay. Physical Review D, 2016, 93, .	4.7	13
211	Observation of $B_c^+ \rightarrow \bar{p} \ell^+ \nu_\ell$ and Evidence for $B_c^+ \rightarrow \bar{p} \ell^+ \nu_\ell$ Decays. Physical Review Letters, 2016, 116, 161802.	7.8	6
212	Measurement of the Difference of Time-Integrated $B_c^+ \rightarrow \bar{p} \ell^+ \nu_\ell$ Asymmetries in $B_c^+ \rightarrow \bar{p} \ell^+ \nu_\ell$ decay. Physical Review D, 2016, 93, .	7.8	42
213	Search for Structure in the $B_c^+ \rightarrow \bar{p} \ell^+ \nu_\ell$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	7.8	31
214	Upgraded DIRAC spectrometer at CERN PS for the investigation of B_c^+ and B_c^0 atoms. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 839, 52-85.	1.6	5
215	Search for Structure in the $B_c^+ \rightarrow \bar{p} \ell^+ \nu_\ell$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	7.8	31
216	Differential branching fraction and angular moments analysis of the decay $B_c^+ \rightarrow \bar{p} \ell^+ \nu_\ell$ in the $K_{0,2}^0$ region. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15

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218	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
219	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.	4.7	14
220	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^+ K^- S^0$ decays. Journal of High Energy Physics, 2016, 2016, .	4.7	13
221	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
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223	Observation of the $B_s^0 \rightarrow K^+ K^- S^0$ decay. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
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225	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.	4.7	304
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227	Study of $B^0 \rightarrow K^+ K^- S^0$ decay. Physical Review D, 2015, 92, .	4.7	14
228	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	7.8	22
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230	First observation and amplitude analysis of the $B^0 \rightarrow K^+ K^- S^0$ decay. Physical Review D, 2015, 91, .	4.7	50
231	Amplitude analysis of $B^0 \rightarrow K^+ K^- S^0$ decay. Physical Review D, 2015, 92, .	4.7	69
232	Amplitude analysis of $B^0 \rightarrow K^+ K^- S^0$ decay. Physical Review D, 2015, 92, .	4.7	30
233	Amplitude analysis of $B^0 \rightarrow K^+ K^- S^0$ decay. Physical Review D, 2015, 92, .	4.7	80
234	Study of W boson production in association with beauty and charm. Physical Review D, 2015, 92, .	4.7	22

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236	Search for the rare decays $B \rightarrow \tau^+ \bar{\nu}_\tau$ and $B_s \rightarrow \tau^+ \bar{\nu}_\tau$. Physical Review D, 2015, 92, .	4.7	8
237	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.	7.8	30
238	Measurement of $C P$ violation in $B \rightarrow J/\psi \tau^+ \bar{\nu}_\tau$. Physical Review Letters, 2015, 115, 031601.	7.8	30
239	Observation of the $B_s \rightarrow \tau^+ \bar{\nu}_\tau$ Decay. Physical Review Letters, 2015, 115, 051801.	7.8	9
240	Observation of J/ψ resonances consistent with pentaquark states in $B \rightarrow J/\psi \tau^+ \bar{\nu}_\tau$. Physical Review Letters, 2015, 115, 051801.	7.8	816
241	Measurement of $B \rightarrow J/\psi \tau^+ \bar{\nu}_\tau$ decay. Physical Review Letters, 2015, 115, 051801.		

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254	First measurement of the differential branching fraction and CP asymmetry of the $B^{\pm} \rightarrow \bar{D}^0 K^{\pm}$ decay. Journal of High Energy Physics, 2015, 2015, .	4.7	36
255	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
256	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
257	Measurement of forward $Z \rightarrow e^+e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
258	Differential branching fraction and angular analysis of $B^0 \rightarrow \bar{D}^0 K^{\pm}$ decays. Journal of High Energy Physics, 2015, 2015, .	4.7	82
259	Measurement of the time-dependent CP asymmetries in $B_s^0 \rightarrow \bar{D}^0 K^0$. Journal of High Energy Physics, 2015, 2015, .	4.7	12
260	Search for the decay $B_s^0 \rightarrow \bar{D}^0 \gamma$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	17
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263	Angular analysis and differential branching fraction of the decay $B^0 \rightarrow \bar{D}^0 K^+ K^-$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	191
264	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.	4.7	14
265	Angular analysis of the $B^0 \rightarrow K^* K^0$ decay in the low- q^2 region. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
266	Determination of the branching fractions of $B_s^0 \rightarrow D_s^{\pm} K^{\mp}$ and $B^0 \rightarrow D^{\pm} K^{\mp}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	6
267	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
268	Observation of the $B^0 \rightarrow \bar{D}^0 K^+ K^-$ decay from an amplitude analysis of $B^0 \rightarrow \bar{D}^0 K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	4.1	14
269	Measurement of the branching fraction of the decay $B^0 \rightarrow \bar{D}^0 K^+ K^-$ using the $B^0 \rightarrow \bar{D}^0 K^+ K^-$ decay. Journal of High Energy Physics, 2015, 2015, 1.	4.7	29
270	Observation of Two New Resonances. Physical Review Letters, 2015, 114, 062004.	7.8	47

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272	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	16.7	105
273	Determination of $\hat{\Gamma}^{\pm}$ 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
274	Study of the rare $B \rightarrow D^{\pm} K^{\mp}$ and B_0 decays into the $\hat{\Gamma}^{\pm} + \hat{\Gamma}^{\pm}$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 46-55.	4.1	17
275	Precision Measurement of $B \rightarrow D^{\pm} K^{\mp}$ Asymmetry in $B \rightarrow D^{\pm} K^{\mp}$ decays. Journal of High Energy Physics, 2015, 2015, 1-14.	7.8	32
276	Violation in $B \rightarrow D^{\pm} K^{\mp}$ decays. Journal of High Energy Physics, 2015, 2015, 1-14.	7.8	65
277	Measurement of $B \rightarrow D^{\pm} K^{\mp}$ in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2015, 114, 132001.	7.8	61
278	LHCb detector performance. International Journal of Modern Physics A, 2015, 30, 1530022.	1.5	604
279	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	3.9	44
280	Search for CP violation in $B \rightarrow D^{\pm} K^{\mp}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.	4.1	20
281	Study of $\hat{\Gamma}^{\pm} + \hat{\Gamma}^{\pm}$ mixing from measurement of $B \rightarrow D^{\pm} K^{\mp}$ ($\hat{\Gamma}^{\pm}$) decay rates. Journal of High Energy Physics, 2015, 2015, .	4.7	13
282	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
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286	Observation of the rare $B_s^0 \rightarrow \hat{\Gamma}^{\pm} \hat{\Gamma}^{\pm}$ decay from the combined analysis of CMS and LHCb data. Nature, 2015, 522, 68-72.	27.8	390
287	Identification of beauty and charm quark jets at LHCb. Journal of Instrumentation, 2015, 10, P06013-P06013.	1.2	42
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290	Measurement of $C \rightarrow P$ violation parameters in $B \rightarrow D^* K$ decays. <i>Physical Review D</i> , 2014, 90, .	4.7	14
291	Violation in the three-body phase space of charmless $B \rightarrow A_{\pm}^{\pm} K$ decays. <i>Physical Review D</i> , 2014, 90, .	4.7	65
292	Updated measurements of exclusive $\bar{B} \rightarrow \bar{D}^* K$ and $\bar{B} \rightarrow \bar{D}^* K^* S$ production cross-sections in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014, 41, 055002.	3.6	111
293	Measurement of CP asymmetries in the decays $B \rightarrow \bar{D}^* K^* K$ and $B \rightarrow \bar{D}^* K^* K^* K$. <i>Journal of High Energy Physics</i> , 2014, 2014, .	4.7	26
294	Observation of $B_{\text{s}}^0 \rightarrow \bar{D}^* K^* K$ and evidence for $B_{\text{s}}^0 \rightarrow \bar{D}^* K^* K^* K$ decays. <i>New Journal of Physics</i> , 2014, 16, 123001.	2.9	13
295	Measurement of CP violation and constraints on the CKM angle $\hat{\Gamma}^3$ in $B \rightarrow \bar{D}^* K^* K$ decays. <i>Nuclear Physics B</i> , 2014, 888, 169-193.	2.5	27
296	First \bar{K} atom lifetime and \bar{K} scattering length measurements. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 735, 288-294.	4.1	18
297	Measurement of the $B \rightarrow \bar{D}^* K^* K$ production asymmetries in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 739, 218-228.	4.1	23
298	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. <i>Physical Review Letters</i> , 2014, 113, 082003.	7.8	15
299	Violation in $B \rightarrow \bar{D}^* K^* K$ decays. <i>Physical Review D</i> , 2014, 90, .	7.8	27
300	First Observation of a Baryonic B_c Decay. <i>Physical Review Letters</i> , 2014, 113, 152003.	7.8	28
301	Measurement of resonant and non-resonant $B \rightarrow \bar{D}^* K^* K$ components in $B \rightarrow \bar{D}^* K^* K$ decays. <i>Physical Review D</i> , 2014, 90, .	4.7	73
302	Search for Majorana Neutrinos in $B \rightarrow \bar{D}^* K^* K$ Decays. <i>Physical Review Letters</i> , 2014, 112, 131802.	7.8	106
303	Publisher's Note: Observation of $B_c \rightarrow \bar{D}^* K^* K$ and $B_c \rightarrow \bar{D}^* K^* K^* K$ decays [Phys. Rev. D 87, 112012 (2013)]. <i>Physical Review D</i> , 2014, 89, .	4.7	15
304	Measurement of the $B \rightarrow \bar{D}^* K^* K$ Meson Lifetime in $D_s \rightarrow \bar{D}^* K^* K$ Decays. <i>Physical Review Letters</i> , 2014, 113, 172001.	7.8	14
305	Violation in the Phase Space of $B \rightarrow \bar{D}^* K^* K$ decays. <i>Physical Review D</i> , 2014, 90, .	7.8	78
306	Measurement of the resonant and non-resonant $B \rightarrow \bar{D}^* K^* K$ components in $B \rightarrow \bar{D}^* K^* K$ decays. <i>Physical Review D</i> , 2014, 90, .	4.7	67

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308	Measurement of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ Decay Form Factors. Physical Review Letters, 2014, 112, 041802.	7.8	17
309	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 032001.	4.7	99
310	Measurement of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ Decay Form Factors. Physical Review Letters, 2014, 112, 041801.	7.8	20
311	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 032001.	7.8	36
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313	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 032001.	7.8	39
314	Measurement of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ Decay Form Factors. Physical Review Letters, 2014, 112, 041802.	4.7	18
315	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	7.8	26
316	Observation of $B^0 \rightarrow D^+ D^-$ Decays and Measurement of the $\theta(1285)$ Mixing Angle. Physical Review Letters, 2014, 112, 091802.	7.8	24
317	Measurement of the ratio of $B \rightarrow D^* \ell \bar{\nu}_\ell$ Decay Form Factors. Physical Review Letters, 2014, 112, 041801.	4.7	31
318	Studies of beauty baryon decays to $B \rightarrow D^* \ell \bar{\nu}_\ell$ Decays. Physical Review Letters, 2014, 112, 041802.	4.7	31
319	Observation of charmonium pairs produced exclusively in pp collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002.	3.6	14
320	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \bar{K}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	21
321	Search for CP violation in $D^0 \rightarrow K^+ K^- \bar{K}^0$ and $D^0 \rightarrow K^+ K^- \bar{K}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	13
322	First observations of the rare decays $B \rightarrow K^+ K^- \bar{K}^0$ and $B \rightarrow K^+ K^- \bar{K}^0$. Journal of High Energy Physics, 2014, 2014, 1.	4.7	9
323	Measurement of the B_c mass and of the relative rate of B_c and B_c production. Journal of High Energy Physics, 2014, 2014, 1.	4.7	20
324	Measurement of the CKM angle β_3 using $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	22

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326	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
327	Measurement of the flavour-specific CP-violating asymmetry in $B \rightarrow D^* K$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.1	34
328	A study of CP violation in $B \rightarrow D^* K$ and $B \rightarrow D^* K^*$ decays with $B \rightarrow D^* K$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.1	13
329	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
330	Measurement of the CP-violating phase $\arg(-A_2/B_2)$ in $B \rightarrow D^* K$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.1	13
331	Measurement of the CP-violating phase $\arg(-A_2/B_2)$ in $B \rightarrow D^* K$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.1	40
332	Measurement of the CP-violating phase $\arg(-A_2/B_2)$ in $B \rightarrow D^* K$ decays. Journal of High Energy Physics, 2014, 2014, 1.	2.5	114
333	Measurement of the CP-violating phase $\arg(-A_2/B_2)$ in $B \rightarrow D^* K$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	34
334	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	25
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337	Measurements of the B^+ , B^0 , B_s^0 meson and Λ_b^0 baryon lifetimes. Journal of High Energy Physics, 2014, 2014, .	4.7	13
338	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow K^* K^*$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	26
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341	Differential branching fractions and isospin asymmetries of $B \rightarrow K^* K^*$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	52
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345	Observation of the $B_s \rightarrow c \ell \bar{\nu}_\ell$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	8
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347	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
348	Measurement of Υ production in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	3.9	27
349	Measurement of the B_c^+ meson lifetime using $B_c^+ \rightarrow \psi^0 / \psi^- + \mu^+ / \mu^-$. European Physical Journal C, 2014, 74, 2839.	3.9	43
350	Measurement of $\psi(2S)$ polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	3.9	53
351	Measurement of charged particle multiplicities and densities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2014, 74, 2888.	3.9	30
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354	Measurement of the charge asymmetry in $D \rightarrow \mu^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	4.1	12
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358	Precision luminosity measurements at LHCb. Journal of Instrumentation, 2014, 9, P12005-P12005.	1.2	110
359	Cloud flexibility using DIRAC interware. Journal of Physics: Conference Series, 2014, 513, 032031.	0.4	2
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364	Measurement of CP observables in $B^0 \rightarrow DK^* \rightarrow 0$ with $D \rightarrow K^* K^*$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	6
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367	First evidence for the annihilation decay mode $B^+ \rightarrow D_s^+ \phi$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	13
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410	Measurement of the $B_c \rightarrow 0 \gamma$ Lifetime. Physical Review Letters, 2013, 111, 102003.	4.7	22
411	Measurement of the $B_c \rightarrow 0 \gamma$ Lifetime. Physical Review Letters, 2013, 111, 102003.	4.7	22
412	Measurement of the $B_c \rightarrow 0 \gamma$ Lifetime. Physical Review Letters, 2013, 111, 102003.	4.7	22
413	Measurement of the $B_c \rightarrow 0 \gamma$ Lifetime. Physical Review Letters, 2013, 111, 102003.	4.7	22
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480	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	4.1	15
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486	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	4.1	29

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