

# Simone Bifani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/991818/publications.pdf>

Version: 2024-02-01

181  
papers

7,306  
citations

70961

41  
h-index

64668

79  
g-index

191  
all docs

191  
docs citations

191  
times ranked

7500  
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the branching fractions of the decays $D^+ \rightarrow K^+ K^+ K^+$ , $D^+ \rightarrow \bar{K}^0 K^+ K^+$ and $D^+ \rightarrow \pi^+ K^+ K^+$ . Journal of High Energy Physics, 2019, 2019, .	1.6	6
2	Study of the $B^0 \rightarrow \bar{K}^{*0} K^0$ decay with an amplitude analysis of $B^0 \rightarrow \bar{K}^{*0} (K^+ \bar{K}^0)$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
3	Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow \pi^+ \pi^- (2S)$ and $B^0 \rightarrow \pi^+ \pi^- / f_1$ . Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
4	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^+ K^+$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
5	Precision measurement of the $B^0 \rightarrow \pi^+ \pi^- K^+ K^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	20
6	Amplitude analysis of $B^0 \rightarrow \pi^+ \pi^- K^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
7	First Observation of the Radiative Decay $B^0 \rightarrow \pi^+ \pi^- \gamma$ . Physical Review Letters, 2019, 123, 031801.	2.9	19
8	Measurement of the branching fraction and CP asymmetry in $B^+ \rightarrow \pi^+ \rho^0$ decays. European Physical Journal C, 2019, 79, 1.	1.4	3
9	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2019, 122, 231802.	2.9	55
10	Near-threshold $D^0$ spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	1.6	29
11	Amplitude analysis of the $B^0 \rightarrow \pi^+ \pi^- K^+ K^-$ decays and measurement of the branching fraction of the $B^0 \rightarrow \pi^+ \pi^- K^+ K^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
12	Observation of New Resonances in the $B^0 \rightarrow \pi^+ \pi^- K^+ K^-$ decays. Physical Review Letters, 2019, 123, 152001.	2.9	19
13	Updated measurement of time-dependent CP-violating observables in $B^0 \rightarrow \pi^+ \pi^-$ decays. European Physical Journal C, 2019, 79, 1.	1.4	20
14	Measurements of CP asymmetries in charmless four-body $B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^- \rho^0 \rho^0$ decays. European Physical Journal C, 2019, 79, 1.	1.4	11
15	Measurement of hadron fractions in $13.6$ TeV $p\bar{p}$ collisions. Physical Review D, 2019, 100, .	1.6	51
16	Measurement of the relative $B^0 \rightarrow D^* D^* \pi^0$ branching fractions using $B^0$ mesons from $B^0 \rightarrow D^* D^* \pi^0$ decays. Physical Review D, 2019, 99, .	1.6	3
17	Measurement of CP observables in the process $B^0 \rightarrow DK^0$ with two- and four-body D decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
18	Search for the rare decay $B^+ \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ . European Physical Journal C, 2019, 79, 1.	1.4	11

#	ARTICLE	IF	CITATIONS
19	Measurement of the CP-violating phase $\beta$ from $B \rightarrow D^* s$ decays. Physical Review Letters, 2019, 122, 011802.	1.5	6
20	Observation of the $\Lambda_b \rightarrow \Lambda_c \gamma$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
21	Measurement of the Charm-Mixing Parameter $\gamma_{CP}$ . Physical Review Letters, 2019, 122, 011802.	2.9	15
22	Search for CP Violation in $D_s \rightarrow K^0 \ell^+ \ell^-$ , $D \rightarrow K^0 \ell^+ \ell^-$ , and $D \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 191803.	2.9	9
23	Measurement of $B \rightarrow D^* K^0$ decays. Physical Review Letters, 2019, 122, 011802.	2.9	9
24	Measurement of $B \rightarrow D^* K^0$ decays. Physical Review Letters, 2019, 122, 011802.	1.6	17
25	Observation of a Narrow Pentaquark State $\Lambda(4312)^+$ . Physical Review Letters, 2019, 122, 232001.	2.9	157
26	Search for Lepton-Universality Violation in $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 191801.	2.9	355
27	Observation of an Excited $B_c$ State. Physical Review Letters, 2019, 122, 232001.	1.6	4
28	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
29	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. Physical Review Letters, 2019, 122, 132002.	2.9	48
30	Measurement of the mass and production rate of $B_c$ baryons. Physical Review D, 2019, 99, 114012.	1.6	18
34	Prompt $b \rightarrow c$ production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
35	Search for CP Violating Decays $B \rightarrow D^* K^0$ and $B \rightarrow D^* K^*$ decays. Physical Review Letters, 2019, 122, 152002.	2.9	18
36	Measurement of $B \rightarrow D^* K^0$ decays. Physical Review Letters, 2019, 122, 152002.	2.9	10

#	ARTICLE	IF	CITATIONS
37	Measurement of Charged Hadron Production in $Z$ -Tagged Jets in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. Physical Review Letters, 2019, 123, 232001.	2.9	10
38	First observation and study of the $K_{S,L}^0 \rightarrow \pi^0 e^+ e^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 552-561.	1.5	9
39	Review of lepton universality tests in $B \rightarrow \ell \ell$ decays. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 023001.	1.4	132
40	Observation of Two Resonances in the $B_c^+ \rightarrow \pi^+ \rho^0$ Decays. Physical Review Letters, 2018, 120, 061801.	2.9	48
41	Search for excited $B_c^+$ states. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
42	Search for Dark Photons Produced in $13.6$ TeV $pp$ Collisions. Physical Review Letters, 2018, 120, 061801.	2.9	113
43	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.	1.5	2
44	Measurement of CP observables in $B_{d,s}^0 \rightarrow D(\bar{K}^0)K_{S,L}^0$ and $B_{d,s}^0 \rightarrow D(\bar{K}^0)\bar{K}_{S,L}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 16-30.	1.3	15
45	A measurement of the CP asymmetry difference between $B_{d,s}^0 \rightarrow \pi^+ \rho^0 K^+$ and $B_{d,s}^0 \rightarrow \pi^+ \bar{\rho}^0 K^+$ decays. Journal of High Energy Physics, 2018, 2018, .	1.8	14
46	Measurement of CP asymmetry in $B^0 \rightarrow \pi^+ \pi^- D^0$ $s\bar{K}_{S,L}^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
47	Search for the lepton-flavour violating decays $B^0 \rightarrow \pi^+ \pi^- e^+ e^-$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	21
48	First measurement of the CP-violating phase $\phi_1$ in $B^0 \rightarrow \pi^+ \pi^- (K^+ \bar{K}^0)$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
49	Test of lepton flavor universality by the measurement of the $B^0 \rightarrow \pi^+ \pi^- D^0$ decays. Physical Review Letters, 2018, 120, 171802.	1.6	189
50	Measurement of the Ratio of the $B^0 \rightarrow \pi^+ \pi^- D^0$ and $B^0 \rightarrow \pi^+ \pi^- D^0$ decays. Physical Review Letters, 2018, 120, 171802.	2.9	204
51	Measurement of the CP asymmetry in $B^0 \rightarrow \pi^+ \pi^- D^0$ decays. Physical Review Letters, 2018, 120, 171802.	2.9	204

#	ARTICLE	IF	CITATIONS
55	Search for beautiful tetraquarks in the $\tilde{\chi}(1S)^{1/4+1/4}$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	39
56	Search for CP violation in $b \rightarrow c \tau \nu$ and $b \rightarrow c \mu \nu$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 787, 124-133.	1.5	13
57	Search for lepton-flavour-violating decays of Higgs-like bosons. European Physical Journal C, 2018, 78, 1008.	1.4	9
58	Evidence for an $\eta_c(1S) \rightarrow \pi^+ \pi^- \chi_{c1}(1S)$ resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^-$		

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73	Measurement of $D_{\pm}^*$ s production asymmetry in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
74	Measurement of Angular and $C$ Asymmetries in $D^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	2.9	13
75	Measurement of the $D_{s1}^*$ Lifetime. Physical Review Letters, 2018, 121, 092003.	2.9	23
76	Evidence for the decay $B_s^0 \rightarrow \overline{K}^{*0} \mu^+ \mu^-$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
77	Measurement of CP asymmetries in two-body $B(s)0$ -meson decays to charged pions and kaons. Physical Review D, 2018, 98, .	1.6	20
78	Observation of the decay $B^0 \rightarrow \pi^+ \pi^- (2S)$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
79	Measurement of the CP asymmetry in $B^+ \rightarrow D^+ D^0$ and $B^+ \rightarrow D^+ D^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	2
80	Search for CP violation using triple product asymmetries in $B^0 \rightarrow \pi^+ \pi^- K^+ K^-$ , $B^0 \rightarrow \pi^+ \pi^- K^+ K^+$ and $B^0 \rightarrow \pi^+ \pi^- K^+ K^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
81	Search for the rare decay $B^0 \rightarrow \pi^+ \pi^- K^+ K^-$ . Physical Review D, 2018, 97, .	1.6	17
82	Search for weakly decaying $b$ -flavored pentaquarks. Physical Review D, 2018, 97, .	1.6	7
83	First observation of $B^+ \rightarrow D^+ s + K^+ K^-$ decays and a search for $B^+ \rightarrow D^+ s + \bar{\nu}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
84	Measurements of the branching fractions of $B^+ \rightarrow \pi^+ \pi^0 K^+$ , $B^+ \rightarrow \pi^+ \pi^0 K^+ K^+$ , and $B^+ \rightarrow \pi^+ \pi^0 \pi^+ K^+$ . Journal of High Energy Physics, 2018, 2018, .	1.6	10
85	Measurement of CP violation in $B^0 \rightarrow D^+ \pi^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
86	Amplitude Analysis of the Decay $B^0 \rightarrow K^* K^+$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K^* K^+$ . Physical Review Letters, 2018, 120, 261801.	2.9	14
87	Search for $B_{c^+}$ decays to two charm mesons. Nuclear Physics B, 2018, 930, 563-582.	0.9	8
88	Measurement of the Lifetime of the Doubly Charmed Baryon $\Xi_{cc}^{++}$ . Physical Review Letters, 2018, 121, 052002.	2.9	76
89	Measurement of branching fractions of charmless four-body $B^0$ and $\bar{B}^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
90	Observation of the decay $B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 101-111.	1.5	8

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91	Observation of a New $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \hat{Z} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle b \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \hat{a}^{77} \langle \text{mml:mo} \rangle$ Resonance. <i>Physical Review Letters</i> , 2018, 121, 072002.	2.9	77
92	Evidence for the Rare Decay $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \hat{Z} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \hat{\tau}^+ \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \hat{1}/4 \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle$ <i>Physical Review Letters</i> , 2018, 120, 221803.	2.9	24
93	Search for the CP-violating strong decays $\hat{B} \rightarrow \hat{K}^+ \hat{K}^0 \hat{K}^+ \hat{K}^0$ and $\hat{B} \rightarrow \hat{K}^+ \hat{K}^0 \hat{K}^+ \hat{K}^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 764, 233-240.	1.5	7
94	Search for the suppressed decays $B \rightarrow \hat{K}^+ K^+ \hat{K}^0 \hat{K}^0$ and $B \rightarrow \hat{K}^+ \hat{K}^0 \hat{K}^+ \hat{K}^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 765, 307-316.	1.5	9
95	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , 2017, 13, 391-396.	6.5	64
96	Amplitude analysis of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \hat{\tau}^+ \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle J \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \langle \text{mml:mi} \rangle \hat{K} \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle$ <i>Physical Review D</i> , 2017, 95.	1.6	92
97	Consistent with Exotic States from Amplitude Analysis of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle J \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \langle \text{mml:mi} \rangle \hat{K} \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 765, 307-316.	2.9	150
98	Observation of the Annihilation Decay Mode $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \hat{\tau}^+ \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle$ <i>Physical Review Letters</i> , 2017, 118, 081801.	2.9	25
99	First Experimental Study of Photon Polarization in Radiative $B_s^0$ Decays. <i>Physical Review Letters</i> , 2017, 118, 021801.	2.9	20
100	Measurement of forward $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mi} \rangle t \langle \text{mml:mi} \rangle \langle \text{mml:mover} \text{accent="true"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle t \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \hat{\alpha}^{3/4} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle, \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"} \rangle \langle \text{mml:mi} \rangle W \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle b \langle \text{mml:mi} \rangle \langle \text{mml:mover} \text{accent="true"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle b \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mi} \rangle \hat{B} \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \hat{K} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle$ <i>Physical Review Letters</i> , 2017, 118, 052002.	1.5	7
101	Measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{B} \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \hat{K} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle$ and evidence for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{B} \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \hat{K} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle$ . <i>Physical Review Letters</i> , 2017, 118, 052002.	1.6	21
102	Measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle b \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Quark Production Cross Section in 7 and 13 $\hat{A} \text{TeV}$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Collisions. <i>Physical Review Letters</i> , 2017, 118, 052002.	2.9	52
103	Measurement of the $\hat{K}^0$ electromagnetic transition form factor slope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 768, 38-45.	1.5	27
104	Measurement of the phase difference between short- and long-distance amplitudes in the $B \rightarrow K \hat{K}^+ \hat{K}^0$ decay. <i>European Physical Journal C</i> , 2017, 77, 161.	1.4	51
105	Study of the $D^0 p$ amplitude in $\hat{B} \rightarrow b \hat{B} \hat{K}^+ \hat{K}^0 p \hat{K}^+ \hat{K}^0$ decays. <i>Journal of High Energy Physics</i> , 2017, 11.6	1.6	54
106	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , 2017, 77, 224.	1.4	54
107	Observation of $B \rightarrow \hat{K}^+ \hat{K}^0 \hat{K}^+ \hat{K}^0$ and $B \rightarrow \hat{K}^+ \hat{K}^0 \hat{K}^+ \hat{K}^0$ . <i>European Physical Journal C</i> , 2017, 77, 72.	1.4	7
108	Measurement of CP asymmetry in $D^0 \hat{K}^+ \hat{K}^0 K^+ K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 767, 177-187.	1.5	17

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109	Searches for lepton number violation and resonances in $K\hat{A}\pm\hat{\pi}^0\hat{\pi}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 67-76.	1.5	26
110	Observation of the Decay $\hat{B}^0\hat{\pi}^0\hat{K}^0\hat{K}^0$ . Physical Review Letters, 2017, 118, 071801.	2.9	9
111	Search for long-lived scalar particles in $\hat{B}^0\hat{\pi}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 159-178.	1.6	79
112	Study of prompt $D^0$ meson production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	45
113	Prompt and nonprompt $J/\psi$ production and nuclear modification in pPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 159-178.	1.5	37
114	Study of charmonium production in $B^0$ hadron decays and first evidence for the decay $B^0 \rightarrow \psi(3700) \pi^0$ . European Physical Journal C, 2017, 77, 609.	1.4	17
115	Improved limit on the branching fraction of the rare decay $B^0 \rightarrow \mu^+ \mu^- \pi^0$ . European Physical Journal C, 2017, 77, 678.	1.4	17
116	Observation of $B_c \rightarrow J/\psi D^{(*)} K^{(*)}$ decays. Physical Review D, 2017, 95, .	1.6	12
117	Measurements of charm mixing and violation using $B^0 \rightarrow D^{(*)} K^{(*)}$ decays. Physical Review D, 2017, 95, .	1.6	11
118	Measurement of the $B\hat{A}\pm$ production asymmetry and the CP asymmetry in $B\hat{A}\pm\hat{\pi}^0\hat{K}^0$ decays. Physical Review D, 2017, 95, .	1.6	6
119	Search for the $B^0 \rightarrow \pi^0 \pi^0 \pi^0$ decay. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
120	Observation of the decay $\hat{B}^0 \rightarrow \pi^0 \pi^0 K^0$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	1.6	11
121	Measurement of $B^0 \rightarrow D^{(*)} K^{(*)}$ and $B^0 \rightarrow D^{(*)} K^{(*)}$ decays. Physical Review Letters, 2017, 119, 01801.	2.9	15
122	Meson Lifetimes. Physical Review Letters, 2017, 119, 112001.	2.9	417
123	Measurement of the CP Violation Parameter $\hat{A}^0$ in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. Physical Review Letters, 2017, 118, 261803.	2.9	20
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126	Observation of $B^0 \rightarrow D^{(*)} K^{(*)}$ and $B^0 \rightarrow D^{(*)} K^{(*)}$ decays. Physical Review Letters, 2017, 118, 111603.	2.9	234



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