

Martino Borsato

List of Publications by Year in descending order

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Version: 2024-02-01

415
papers

17,610
citations

22548

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114
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425
all docs

425
docs citations

425
times ranked

9010
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the $B \rightarrow B_s \gamma$ decay properties and search for the $B \rightarrow B_s \gamma$ decay. Physical Review Letters, 2022, 128, 041801. http://www.w3.org/1998/Math/MathML	1.6	51
2	Analysis of Neutral B -Meson Decays into Two Muons. Physical Review Letters, 2022, 128, 041801. http://www.w3.org/1998/Math/MathML	2.9	46
3	Measurement of the $B \rightarrow B_s \gamma$ decay and $B \rightarrow B_s \gamma$ decay. Physical Review Letters, 2022, 128, 041801. http://www.w3.org/1998/Math/MathML	2.9	33
4	Unleashing the full power of LHCb to probe stealth new physics. Reports on Progress in Physics, 2022, 85, 024201.	8.1	20
5	Identification of charm jets at LHCb. Journal of Instrumentation, 2022, 17, P02028.	0.5	2
6	Study of Z Bosons Produced in Association with Charm in the Forward Region. Physical Review Letters, 2022, 128, 082001.	2.9	11
7	Measurement of the photon polarization in $B \rightarrow B_s \gamma$ decay. Physical Review Letters, 2022, 128, 041801. http://www.w3.org/1998/Math/MathML	1.6	6
8	Observation of the $B \rightarrow B_s \gamma$ decay and $B \rightarrow B_s \gamma$ decay. Physical Review D, 2022, 105, .	1.6	2
9	States Decaying to $B \rightarrow B_s \gamma$ decay. Physical Review Letters, 2022, 128, 041801. http://www.w3.org/1998/Math/MathML	2.9	10
10	Search for massive long-lived particles decaying semileptonically at $\sqrt{s} = 13, \text{hbox {TeV}}$. European Physical Journal C, 2022, 82, .	1.4	2
11	Measurement of the charm mixing parameter $B \rightarrow B_s \gamma$ decay. Physical Review Letters, 2022, 128, .	2.9	33
12	Centrality determination in heavy-ion collisions with the LHCb detector. Journal of Instrumentation, 2022, 17, P05009.	0.5	2
13	Tests of Lepton Universality Using $B \rightarrow B_s \gamma$ decay. Physical Review Letters, 2022, 128, .	2.9	33
14	Measurement of the charm mixing parameter $B \rightarrow B_s \gamma$ decay. Physical Review Letters, 2022, 128, .	2.9	33
15	Angular Analysis of $B \rightarrow B_s \gamma$ decay. Physical Review Letters, 2022, 128, .	2.9	33
16	Study of the doubly charmed tetraquark ${}^4_{cc}T$. Nature Communications, 2022, 13, .	5.8	107
17	Observation of a new $B \rightarrow B_s \gamma$ decay state. Physical Review D, 2021, 103, .	1.6	21
18	Search for long-lived particles decaying to $e \mu p \mu u$. European Physical Journal C, 2021, 81, 1.	1.4	9

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19	Observation of a New Excited D^*_{s1} Meson in $B^0 \rightarrow D^*_{s1} K^0$ Decays. Physical Review Letters, 2021, 126, 091802.	2.9	20
20	Observation of Multiplicity-Dependent Prompt D^*_{s1} Production in $B^0 \rightarrow D^*_{s1} K^0$ Decays. Physical Review Letters, 2021, 126, 091802.	2.9	9
21	Search for heavy neutral leptons in $B^0 \rightarrow \mu^+ \mu^- \nu \bar{\nu}$, $B^0 \rightarrow \mu^+ \mu^- \nu \bar{\nu} \nu$, $B^0 \rightarrow \mu^+ \mu^- \nu \bar{\nu} \nu \nu$ decays. European Physical Journal C, 2021, 81, 1.	1.4	15
22	Measurement of C^*_{μ} Violation in the Decay $B^0 \rightarrow D^*_{s1} K^0$. Physical Review Letters, 2021, 126, 091802.	2.9	9
23	Search for the rare decay $B^0 \rightarrow \mu^+ \mu^- K^0$. Chinese Physics C, 2021, 45, 043001.	1.5	2
24	Angular Analysis of the $B^0 \rightarrow K^0 \mu^+ \mu^-$ Decay. Physical Review Letters, 2021, 126, 161802.	2.9	96
25	Observation of the $B^0 \rightarrow K^0 K^+ K^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136172.	1.5	1
26	Measurement of the prompt-production cross-section ratio $\sigma(\mu^+ \mu^-) / \sigma(\mu^+ \mu^-)$ in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV. Physical Review C, 2021, 103, .	1.1	5
27	Observation of new excited $B^*_{(s)}$ states. European Physical Journal C, 2021, 81, .	1.4	9
28	Measurement of C^*_{μ} asymmetry in $B^0 \rightarrow D^*_{s1} K^0$ decays. Physical Review Letters, 2021, 126, 091802.	1.6	3
29	Observation of fragmentation fractions and of $B^0 \rightarrow D^*_{s1} K^0$ decays. Physical Review Letters, 2021, 126, 091802.	1.6	32
30	Observation of New Resonances Decaying to $B^0 \rightarrow D^*_{s1} K^0$ and $B^0 \rightarrow D^*_{s1} K^0$. Physical Review Letters, 2021, 126, 091802.	2.9	93
31	Search for the doubly charmed baryon Ξ_{cc}^+ . Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	2.0	10
32	Search for C^*_{μ} violation in $B^0 \rightarrow D^*_{s1} K^0$ decays. Physical Review D, 2021, 104, .	1.6	6
33	Search for the doubly heavy baryons Ξ_{cc}^+ and Ξ_{cc}^0 decaying to $B^0 \rightarrow D^*_{s1} K^0$ and $B^0 \rightarrow D^*_{s1} K^0$. Chinese Physics C, 2021, 45, 093002.	1.5	23
34	Observation of the Mass Difference between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2021, 127, 111801.	2.9	23
35	Measurement of the Rare $B^0 \rightarrow D^*_{s1} K^0$ and $B^0 \rightarrow D^*_{s1} K^0$ decays. Physical Review Letters, 2021, 126, 091802.	2.9	7
36	Search for time-dependent C^*_{μ} violation in $B^0 \rightarrow D^*_{s1} K^0$ decays. Physical Review D, 2021, 104, .	1.6	9

#	ARTICLE	IF	CITATIONS
37	First measurement of the $C\!P$ -violating phase in $B^0 \rightarrow \psi(3700) \pi^0$. <i>Physical Review Letters</i> , 2020, 125, 212001.	1.4	10
38	Observation of excited baryons in $\Lambda^0 \rightarrow \Lambda^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2020, 125, 212001.	1.6	19
39	Measurement of the $B^0 \rightarrow \Lambda^+ \pi^-$ decay with $\Lambda^+ \rightarrow p \pi^0$. <i>Physical Review Letters</i> , 2020, 125, 212001.	1.6	10
40	Search for the doubly charmed baryon Ξ_{cc}^{++} . <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, 1.	2.0	35
41	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at $\sqrt{s_{NN}}=8.16$ TeV. <i>Physical Review Letters</i> , 2020, 125, 212001.	2.9	10
42	Precision measurement of the B_c^+ meson mass. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	8
43	Updated measurement of decay-time-dependent CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2020, 101.	1.6	8
44	Isospin Amplitudes in $B^0 \rightarrow \Lambda^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2020, 125, 212001.	1.6	10

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55	First branching fraction measurement of the suppressed decay $\Lambda_c^+ \rightarrow \Lambda_c^+ \ell^+ \ell^-$. Physical Review D, 2020, 102, .	1.6	18
56	Test of lepton universality with $\Lambda_b^0 \rightarrow p \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	31
57	Observation of New Baryons Decaying to Baryons. Physical Review Letters, 2020, 124, 082002.	2.9	45
58	First Observation of Excited Λ_b^0 States. Physical Review Letters, 2020, 124, 082002.	2.9	44
59	Measurement of the Λ_b^0 angular distribution and the polarisation in pp collisions. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
60	Measurement of Averaged Observables in the $B^0 \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review Letters, 2020, 125, 011802.	2.9	128
61	Measurement of CP observables in $B^0 \rightarrow K^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
62	Precision measurement of the χ_{cc}^{++} mass. Journal of High Energy Physics, 2020, 2020, 1.	1.6	33
63	Measurement of χ_{cc}^{++} production in pp collisions at $\sqrt{s} = 13$ TeV. Chinese Physics C, 2020, 44, 022001.	1.5	16
64	Determination of quantum numbers for several excited charmed mesons observed in $B^0 \rightarrow D^* \ell^+ \ell^-$ decays. Physical Review D, 2020, 101, .	1.6	21
65	Amplitude analysis of the $B^0 \rightarrow K^* \ell^+ \ell^-$ decays. Observation of Several Sources of $B^0 \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review Letters, 2020, 124, 031801.	1.6	42
66	Violation in $B^0 \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review Letters, 2020, 124, 031801.	2.9	32
67	Measurement of $\psi(2S)$ production cross-sections in proton-proton collisions at $\sqrt{s} = 7$ and 13 TeV. European Physical Journal C, 2020, 80, .	1.4	8
68	Measurement of $B^0 \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review Letters, 2020, 124, 031801.	1.6	28
69	Search for $B^0 \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review Letters, 2020, 124, 041801.	2.9	148
70	Search for the lepton flavour violating decay $B^+ \rightarrow K^+ \ell^+ \ell^-$, using $B^0 \rightarrow K^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	13
71	Observation of a new baryon state in the Λ_b^0 mass spectrum. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24
72	Searches for low-mass dimuon resonances. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24

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73	Strong constraints on the $B^0 \rightarrow \pi^+ \pi^-$ photon polarisation from $B^0 \rightarrow K^* \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	19
74	Searching for long-lived particles beyond the Standard Model at the Large Hadron Collider. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 090501.	1.4	133
75	Measurement of the relative branching fractions of $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2020, 102, .	1.6	6
76	Measurement of the $\eta_c(1S)$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	17
77	Search for CP violation in $B^0 \rightarrow \pi^+ \pi^-$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	1.4	14
78	First observation of the decay $B^0 \rightarrow \pi^+ \pi^-$. Journal of High Energy Physics, 2020, 2020, .	1.6	0
79	Observation of the semileptonic decay $B^0 \rightarrow \pi^+ \mu^- \bar{\nu}_\mu$. Journal of High Energy Physics, 2020, 2020, .	1.6	4
80	Measurement of CP violation in $B^0 \rightarrow D^+ D^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
81	Measurement of the branching fractions of the decays $D^+ \rightarrow \pi^+ K^+ K^-$, $D^+ \rightarrow \pi^+ \bar{K}^0 K^+$ and $D^+ \rightarrow \pi^+ \bar{K}^0 K^+$. Journal of High Energy Physics, 2019, 2019, .	1.6	6
82	Study of the $B^0 \rightarrow \pi^+ \pi^-$ decay with an amplitude analysis of $B^0 \rightarrow \pi^+ (\pi^+ \pi^-)$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
83	Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^-$. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
84	Dalitz plot analysis of the $D^+ \rightarrow \pi^+ K^+ K^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
85	Precision measurement of the $B^0 \rightarrow \pi^+ \pi^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	20
86	Effective-field-theory arguments for pursuing lepton-flavor-violating K decays at LHCb. Physical Review D, 2019, 99, .	1.6	10
87	Amplitude analysis of $B^0 \rightarrow \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
88	First Observation of the Radiative Decay $B^0 \rightarrow \pi^+ \pi^- \gamma$. Physical Review Letters, 2019, 123, 031801.	2.9	19
89	Measurement of the branching fraction and CP asymmetry in $B^0 \rightarrow \pi^+ \pi^-$ decays. European Physical Journal C, 2019, 79, 1.	1.4	3
90	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2019, 122, 231802.	2.9	55

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91	Near-threshold \overline{D} spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	1.6	29
92	Amplitude analysis of the $B_{(s)}^0 \rightarrow K^* \overline{K}^0$ decays and measurement of the branching fraction of the $B^0 \rightarrow K^* \overline{K}^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
93	Observation of New Resonances in the $B^0 \rightarrow K^* \overline{K}^0$ Decays. Physical Review Letters, 2019, 123, 152001.	2.9	49
94	Updated measurement of time-dependent CP-violating observables in $B^0 \rightarrow \psi K^+ K^-$ decays. European Physical Journal C, 2019, 79, 1.	1.4	20
95	Measurements of CP asymmetries in charmless four-body Λ_b^0 and Ξ_b^0 decays. European Physical Journal C, 2019, 79, 1.	1.4	11
96	Measurement of hadron fractions in 13 TeV $p\bar{p}$ collisions. Physical Review D, 2019, 100, .	1.6	51
97	Measurement of the relative $B^0 \rightarrow D^* \rho^+ \rho^-$ branching fractions using B^0 mesons from $B^0 \rightarrow D^* \rho^+ \rho^-$ decays. Physical Review D, 2019, 99, .	1.6	3
98	Measurement of CP observables in the process $B^0 \rightarrow DK^*$ with two- and four-body D decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
99	Search for the rare decay $B^0 \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. European Physical Journal C, 2019, 79, 1.	1.4	11
100	Measurement of the CP-violating phase β_1 from $B^0 \rightarrow \mu^+ \mu^-$ decays. Physics Letters, 2019, 800, 131803.	1.5	6
101	Observation of the $\Lambda_b^0 \rightarrow \psi(3712) \mu^+ \mu^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
102	Measurement of the Charm-Mixing Parameter γ_{CP} . Physical Review Letters, 2019, 122, 011802.	2.9	15
103	Search for CP Violation in $D_s^+ \rightarrow K^0 \ell^+ \ell^-$, $D^+ \rightarrow K^0 \ell^+ \ell^-$, and $D^+ \rightarrow \pi^+ \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 191803.	2.9	9
104	Observation of $B^0 \rightarrow K^* \rho^+ \rho^-$ decays. Physical Review Letters, 2019, 122, 211803.	2.9	9
105	Measurement of $B^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ decays. Physical Review Letters, 2019, 122, 211803.	1.6	17
106	Observation of $C \rightarrow P$ Violation in Charm Decays. Physical Review Letters, 2019, 122, 211803.	2.9	157
107	Measurement of $B^0 \rightarrow P^+ P^-$ decays. Physical Review Letters, 2019, 122, 232001.	2.9	14
108	Observation of an Excited State. Physical Review Letters, 2019, 122, 232001.	2.9	14

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109	Search for Lepton-Universality Violation in $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 101801.	2.9	355
110	Observation of the doubly Cabibbo-suppressed decay $\tilde{\Lambda}^0 \rightarrow \bar{c} \ell^+ \ell^- p \bar{\pi}^0$. Journal of High Energy Physics, 2019, 2019, 1.	2.9	2
111	Model-Independent Observation of Exotic Contributions to $B \rightarrow J \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 152002.	2.9	24
112	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^0 \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
113	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. Physical Review Letters, 2019, 122, 132002.	2.9	48
114	Measurement of the mass and production rate of Λ_b^0 baryons. Physical Review D, 2019, 99, .	1.6	18
115	Prompt $b+c$ production in pPb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
116	Measurement of the electron reconstruction efficiency at LHCb. Journal of Instrumentation, 2019, 14, P11023-P11023.	0.5	7
117	A search for $\Xi_{cc}^{++} \rightarrow p K^+ \ell^+$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
118	Measurement of CP violation in the $B_s^0 \rightarrow \phi \phi$ decay and search for the $B^0 \rightarrow \ell^+ \ell^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
119	Measurement of the B_c meson production fraction and asymmetry in 7 and 13 TeV collisions. Physical Review D, 2019, 99, .	1.6	12
120	Search for the Lepton-Flavor-Violating Decays $B \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ and $B \rightarrow \ell^+ \ell^- \ell^+ \ell^-$. Physical Review D, 2019, 99, .	1.6	18
121	Search for Lepton-Flavor Violating Decays $B \rightarrow \ell^+ K^+ \ell^-$. Physical Review Letters, 2019, 123, 241802.	2.9	18
122	Measurement of C -Violating and Mixing-Induced Observables in $B \rightarrow P \ell^+ \ell^-$ Decay. Amplitude Analysis of $B \rightarrow \ell^+ \ell^-$ Decay. Physical Review Letters, 2019, 123, 241801.	2.9	10
123	Amplitude Analysis of $B \rightarrow \ell^+ \ell^-$ Decay. Physical Review Letters, 2019, 123, 241801.	2.9	38
124	Measurement of Charged Hadron Production in Z -Tagged Jets in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. Physical Review Letters, 2019, 123, 241801.	2.9	10
125	Measurement of $B \rightarrow \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 123, 241801.	2.9	48
126	Global analysis of dark matter simplified models with leptophobic spin-one mediators using MasterCode. European Physical Journal C, 2019, 79, 1.	1.4	17

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127	Search for excited B c + states. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
128	Search for Dark Photons Produced in 13 TeV collisions. Physical Review Letters, 2018, 120, 061801.	2.9	113
129	First observation of forward $Z\tau^+\tau^-$ production in pp collisions at $s=8\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 430-439.	1.5	2
130	Measurement of CP observables in $B\Delta^{\pm}\Delta^{\mp}D(\tilde{a})K\Delta^{\pm}$ and $B\Delta^{\pm}\Delta^{\mp}D(\tilde{a})\tilde{K}\Delta^{\pm}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 16-30.	1.5	15
131	A measurement of the CP asymmetry difference between $\hat{b}^+ \rightarrow c\bar{c}\tau^+\tau^-K^+K^+$ and $\hat{p}\bar{c}\tau^+\tau^-K^+K^+$ decays. Journal of High Energy Physics, 2018, 2018, .	1.6	14
132	Measurement of CP asymmetry in $B0 \rightarrow s\bar{c}\tau^+\tau^-K^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
133	Search for the lepton-flavour violating decays $B0(\tau) \rightarrow s\bar{c}\tau^+\tau^-K^{\pm}$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	21
134	First measurement of the CP-violating phase $\phi_{s^{\overline{d}}}$ in $B0 \rightarrow s\bar{c}\tau^+\tau^-(K^+\tilde{K}^+)(K^+\tilde{K}^+)$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
135	Test of lepton flavor universality by the measurement of the $\langle B^0 \rightarrow D^0 \tau^+ \tau^- \rangle$ ratio. Physical Review Letters, 2018, 120, 171802.	1.6	189
136	Measurement of the Ratio of the $\langle B^0 \rightarrow D^0 \tau^+ \tau^- \rangle$ and $\langle B^0 \rightarrow D^0 \mu^+ \mu^- \rangle$ ratios. Physical Review Letters, 2018, 120, 171802.	1.9	204
137	Measurement of the $\langle B^0 \rightarrow D^0 \tau^+ \tau^- \rangle$ ratio. Physical Review Letters, 2018, 120, 171802.	1.9	204

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145	Observation of the decay $B_s^0 \rightarrow D^0 K^+ K^-$. Physical Review D, 2018, 98, .	1.6	9
146	Observation of $B \rightarrow D^0 K^+ K^-$ decays. Physical Review Letters, 2018, 121, 222001.	1.6	10
147	Collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	2.9	41
148	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
149	Measurement of $\tilde{\chi}^0$ production in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
150	Measurement of forward top pair production in the dilepton channel in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
151	Observation of the decay $\overline{B}_s^0 \rightarrow \chi_{c2}^0 K^+ K^-$ in the $\tilde{\chi}^0$ mass region. Journal of High Energy Physics, 2018, 2018, 1.	1.6	1
152	Search for a dimuon resonance in the $\tilde{\chi}^0$ mass region. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
153	Studies of the resonance structure in $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ decays. European Physical Journal C, 2018, 78, 443.	1.4	28
154	Angular moments of the decay $B^0 \rightarrow \bar{K}^* \rho^+ \rho^-$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
155	Measurement of $Z \rightarrow \tilde{\chi}_1^0, \tilde{\chi}_2^0$ production in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
156	First Observation of the Doubly Charmed Baryon Decay $\Lambda_{cc}^+ \rightarrow \Lambda_c^+ \bar{c} c$. Physical Review Letters, 2018, 121, 122001.	2.9	122
157	Measurement of the CKM angle $\hat{\beta}$ using $B_{\pm}^0 \rightarrow D_{\pm}^0 K^{\pm}$ with $D \rightarrow K^0 \pi^{\pm} K^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	14
158	Measurement of D_{\pm}^0 s production asymmetry in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
159	Measurement of Angular and CP Asymmetries in $B \rightarrow D^0 K^+ K^-$ Decays. Physical Review Letters, 2018, 121, 092003.	2.9	13
160	Measurement of the $B \rightarrow D^0 K^+ K^-$ CP Asymmetries in $B \rightarrow D^0 K^+ K^-$ Decays. Physical Review Letters, 2018, 121, 092003.	2.9	23
161	Evidence for the decay $B^0 \rightarrow \overline{K}^* \mu^+ \mu^-$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
162	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

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163	Observation of the decay $\hat{b} \rightarrow \hat{c} \ell^+ \ell^- (2S)$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
164	Measurement of the CP asymmetry in $\hat{B}^0 \rightarrow \hat{c} \ell^+ \ell^-$ and $\hat{B}^0 \rightarrow \hat{c} \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	2
165	Search for CP violation using triple product asymmetries in $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$, $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$ and $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
166	Search for the rare decay $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$. Physical Review D, 2018, 97, .	1.6	17
167	Search for weakly decaying $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$ flavored pentaquarks. Physical Review D, 2018, 97, .	1.6	7
168	First observation of $\hat{B}^0 \rightarrow \hat{c} \ell^+ \ell^-$ and a search for $\hat{B}^0 \rightarrow \hat{c} \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.8	11
169	Measurements of the branching fractions of $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$, $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$, and $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$. Journal of High Energy Physics, 2018, 2018, .	1.6	10
170	Measurement of CP violation in $\hat{B}^0 \rightarrow \hat{c} \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
171	Amplitude Analysis of the Decay $\hat{B}^0 \rightarrow \hat{c} \ell^+ \ell^-$ and First Observation of the CP Asymmetry in $\hat{B}^0 \rightarrow \hat{c} \ell^+ \ell^-$. Physical Review Letters, 2018, 120, 261801.	2.9	14
172	Search for \hat{B}_c^+ decays to two charm mesons. Nuclear Physics B, 2018, 930, 563-582.	0.9	8
173	Measurement of the Lifetime of the Doubly Charmed Baryon $\hat{\Xi}_{cc}^{++}$. Physical Review Letters, 2018, 121, 052002.	2.9	76
174	Likelihood analysis of the sub-GUT MSSM in light of LHC 13-TeV data. European Physical Journal C, 2018, 78, 1.	1.4	28
175	Likelihood analysis of the pMSSM11 in light of LHC 13-TeV data. European Physical Journal C, 2018, 78, 256.	1.4	91
176	Measurement of branching fractions of charmless four-body $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$ and $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
177	Observation of the decay $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 101-111.	1.5	8
178	Observation of a New $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$ Resonance. Physical Review Letters, 2018, 121, 072002.	2.9	77
179	Evidence for the Rare Decay $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$. Physical Review Letters, 2018, 120, 221803.	2.9	24
180	Search for the CP-violating strong decays $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$ and $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 233-240.	1.5	7

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182	Amplitude analysis of $B \rightarrow K^+ K^+ \bar{K}^0$ decays. Physical Review D, 2017, 95, 074011.	1.6	92
183	Consistent with Exotic States from Amplitude Analysis of $B \rightarrow K^+ K^+ \bar{K}^0$ Structures. Physical Review Letters, 2017, 118, 021801.	2.9	150
184	Observation of the Annihilation Decay Mode $B \rightarrow K^+ K^+ \bar{K}^0$. Physical Review Letters, 2017, 118, 081801.	2.9	25
185	First Experimental Study of Photon Polarization in Radiative B_s^0 Decays. Physical Review Letters, 2017, 118, 021801.	2.9	20
186	Measurement of forward $B \rightarrow K^+ K^+ \bar{K}^0$ decays. Physical Review Letters, 2017, 118, 021801.	1.5	7
187	Measurement of the $B \rightarrow K^+ K^+ \bar{K}^0$ and evidence for $B \rightarrow K^+ K^+ \bar{K}^0$. Physical Review Letters, 2017, 118, 052002.	1.6	21
188	-Quark Production Cross Section in 7 and 13 TeV $p\bar{p}$ Collisions. Physical Review Letters, 2017, 118, 052002.	2.9	52
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193	Observation of $B \rightarrow K^+ K^+ \bar{K}^0$ and $B \rightarrow K^+ K^+ \bar{K}^0$. European Physical Journal C, 2017, 77, 72.	1.4	7
194	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.	1.5	17
195	Observation of the Decay $B \rightarrow K^+ K^+ \bar{K}^0$. Physical Review Letters, 2017, 118, 071801.	2.9	9
196	Search for long-lived scalar particles in $B \rightarrow K^+ K^+ \bar{K}^0$ decays. Physical Review Letters, 2017, 118, 071801.	1.6	79
197	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
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200	Study of charmonium production in $B \rightarrow \psi(3700) \Lambda_c^+ \pi^-$ hadron decays and first evidence for the decay $B \rightarrow \psi(3700) \Lambda_c^+ \pi^-$. European Physical Journal C, 2017, 77, 609.	1.4	17
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202	Observation of $B_c \rightarrow J/\psi D^{(*)} K^{(*)}$ decays. Physical Review D, 2017, 95, .	1.6	12
203	Measurements of charm mixing and CP violation using $B \rightarrow D^0 K^0$ decays. Physical Review D, 2017, 95, .	1.6	11
204	Measurement of the $B \Delta^\pm$ production asymmetry and the CP asymmetry in $B \Delta^\pm \rightarrow J/\psi K \Delta^\pm$ decays. Physical Review D, 2017, 95, .	1.6	6
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206	Observation of the decay $B \rightarrow \rho^0 \pi^+ \pi^-$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	1.6	11
207	Measurement of $B \rightarrow D^0 K^0$ and $B \rightarrow D^0 K^0$ decays. Physical Review Letters, 2017, 118, 261803.	2.9	15
208	Observation of the Doubly-Charmed Baryon Ξ_{cc}^+ . Physical Review Letters, 2017, 119, 112001.	2.9	417
209	Measurement of the CP Violation Parameter A^{CP} in $D \rightarrow K^+ K^-$ and $D \rightarrow \pi^+ \pi^-$ Decays. Physical Review Letters, 2017, 118, 261803.	2.9	20
210	Observation of $B \rightarrow D^0 K^0$ decays. Physical Review Letters, 2017, 118, 111803.	2.9	25
211	States Decaying to $B \rightarrow D^0 K^0$. Physical Review Letters, 2017, 118, 111803.	2.9	234
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213	Measurement of CP asymmetries in $D \rightarrow K^+ K^-$ and $D_s \rightarrow K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	1.5	18
214	Observation of the $B \rightarrow J/\psi K^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	17
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219	Search for the Decays $B \rightarrow \pi^+ \rho^0$ and $B \rightarrow \pi^+ \rho^+$. Physical Review Letters, 2017, 118, 251802.	2.9	81
220	Measurement of the shape of the $B \rightarrow \pi^+ \rho^0$ differential decay rate. Physical Review D, 2017, 96, .	1.6	29
221	Observation of the suppressed decay $B \rightarrow \pi^0 \rho^+ \ell^-$. Journal of High Energy Physics, 2017, 2017, 1.		15
222	Test of lepton universality with $B \rightarrow K^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2017, 2017, 1.	1.6	425
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224	Observation of Meson Decays to $B \rightarrow \pi^+ \rho^0$ and $B \rightarrow \pi^+ \rho^+$. Physical Review Letters, 2017, 119, 181805.	2.9	21
225	Search for Baryon-Number Violating $B \rightarrow \pi^+ \rho^0$ Oscillations. Physical Review Letters, 2017, 119, 181807.	2.9	0
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234	Study of $b \rightarrow b$ correlations in high energy proton-proton collisions. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10

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254	Measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow DK^*$ with $D \rightarrow K^* S^0 \bar{K}^0 + \bar{K}^* \hat{\pi}^0$ decays. <i>Journal of High Energy Physics</i> , 2016, 2016, .	1.6	8
255	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	23
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257	Measurement of forward $W^+ e^{\frac{1}{2}}$ production in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	18
258	Measurement of the CKM angle $\hat{\beta}^3$ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	29
259	Measurements of the S-wave fraction in $B^0 \rightarrow K^* K^0 + \bar{K}^* \hat{\pi}^0$ and $B^0 \rightarrow K^* K^+ - (892)^0 \hat{\pi}^0 + \hat{\pi}^0 \hat{\pi}^0$ decays and the $B^0 \rightarrow K^* K^+ - (892)^0 \hat{\pi}^0 + \hat{\pi}^0 \hat{\pi}^0$ differential branchi. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	75
260	Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. <i>Chinese Physics C</i> , 2016, 40, 011001.	1.5	77
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264	Measurement of the $B^0 \rightarrow D^+ \bar{K}^0 \pi^0$ decays. <i>Physical Review Letters</i> , 2016, 117, 261801.	2.9	12
265	Measurement of the $B^0 \rightarrow D^+ \bar{K}^0 \pi^0$ decays. <i>Physical Review Letters</i> , 2016, 117, 261801.	1.5	6
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274	Contributions to $B^0 \rightarrow D^+ D_s^-$ Mixing. Physical Review D, 2016, 93, .	2.9	102
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276	Measurement of the mass and lifetime of the $B^0 \rightarrow D^+ D_s^-$ baryon. Physical Review D, 2016, 93, .	1.6	20
277	First Observation of $B^0 \rightarrow D^+ D_s^-$ Oscillations. Physical Review D, 2016, 93, .	2.9	27
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282	Observation of $B_s^0 \rightarrow D^+ D_s^-$ and Evidence for $B_s^0 \rightarrow D^+ D_s^-$ Decays. Physical Review Letters, 2016, 116, 161802.	2.9	6
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284	Search for Structure in the $B^0 \rightarrow D^+ D_s^-$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	2.9	31
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287	Study of $D^0 \rightarrow K^+ K^-$ mesons decaying to $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^-$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
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290	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	13
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293	Observation of the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
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298	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	2.9	22
299	Evidence for the Strangeness-Changing Weak Decays $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$. Physical Review D, 2015, 91, .	2.9	25
300	First observation and amplitude analysis of the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay. Physical Review D, 2015, 91, .	1.6	50
301	Amplitude analysis of $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay. Physical Review D, 2015, 92, .	1.6	69
302	Amplitude analysis of $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay. Physical Review D, 2015, 92, .	1.6	30
303	Amplitude analysis of $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay. Physical Review D, 2015, 92, .	1.6	80
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308	Observation of the $B \rightarrow J/\psi \psi(3700) \psi(3700) \psi(3700) \psi(3700)$ Resonances Consistent with Pentaquark States in Physical Review Letters, 2015, 115, 051801.	2.9	9
309	Observation of $B \rightarrow J/\psi \psi(3700) \psi(3700) \psi(3700) \psi(3700)$ Resonances Consistent with Pentaquark States in Physical Review Letters, 2015, 115, 051801.	2.9	816
310	Observation of $B \rightarrow J/\psi \psi(3700) \psi(3700) \psi(3700) \psi(3700)$ Resonances Consistent with Pentaquark States in Physical Review Letters, 2015, 115, 051801.	2.9	816
311	Observation of $B \rightarrow J/\psi \psi(3700) \psi(3700) \psi(3700) \psi(3700)$ Resonances Consistent with Pentaquark States in Physical Review Letters, 2015, 115, 051801.	2.9	816

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326	Measurement of the time-dependent CP asymmetries in $B^0 \rightarrow K^* S^0$. Journal of High Energy Physics, 2015, 2015, .	1.6	12
327	Search for the decay $B_s^0 \rightarrow \bar{D}^* \ell^+ \ell^-$ (980). Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
328	Measurement of forward J/ψ production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
329	Observation of the decay $B^0 \rightarrow \bar{D}^* \ell^+ \ell^-$ (2S). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	1.5	13
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332	Angular analysis of the $B^0 \rightarrow K^* e^+ e^-$ decay in the low- q^2 region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
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334	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. European Physical Journal C, 2015, 75, 595.	1.4	11
335	Observation of the $B^0 \rightarrow \bar{D}^* \ell^+ \ell^-$ decay from an amplitude analysis of $B^0 \rightarrow \bar{D}^* (\ell^+ \ell^-)$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	1.5	14
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339	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	6.5	105
340	Design and performance of the focusing DIRC detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 775, 112-131.	0.7	21
341	Determination of β_1 and charmless two-body decays of beauty mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 1-11.	1.5	13
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344	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	2.9	65
345	Search for CP violation in $B \rightarrow D$ $\hat{\alpha}^2$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.	2.9	61
346	Study of $\hat{\alpha}^2$ mixing from measurement of $B(s) \rightarrow \hat{\alpha}^2$ decay rates. Journal of High Energy Physics, 2015, 2015, .	2.9	61
347	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.	1.4	44
348	Search for the lepton flavour violating decay $\tilde{l}, \tilde{\nu} \rightarrow \hat{1}/4 \tilde{\nu} + \hat{1}/4 \tilde{\nu}$. Journal of High Energy Physics, 2015, 2015, .	1.6	9
349	Precise measurements of the properties of the $B(5721)0,+$ and $B(5747)0,+$ states and observation of $B(5721)0,+$ mass structures. Journal of High Energy Physics, 2015, 2015, 1.	1.6	9
350	Measurement of indirect CP asymmetries in $D_0 \rightarrow K^+ K^+$ and $D_0 \rightarrow \bar{K}^+ \bar{K}^+$ decays using semileptonic B decays. Journal of High Energy Physics, 2015, 2015, .	1.6	17
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362	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. Physical Review Letters, 2014, 113, 082003.	2.9	15
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364	First Observation of a Baryonic $B_c^+ \rightarrow B_c^+$ Decay. Physical Review Letters, 2014, 113, 152003.	2.9	28
365	Measurement of resonant and non-resonant components in $B \rightarrow B$ decays.	1.6	73
366	Search for Majorana Neutrinos in $B^0 \rightarrow \tau^+ \tau^- \nu \nu$ Decays. Physical Review Letters, 2014, 112, 131802.	2.9	106
367	Measurement of the $B^0 \rightarrow B^0$ Meson Lifetime in $D_s \rightarrow B^0$ Decays. Physical Review Letters, 2014, 113, 172001.	2.9	14
368	Measurement of the resonant and non-resonant components in $B \rightarrow B$ decays.	1.6	67
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370	Measurement of the $B^0 \rightarrow B^0$ Meson Lifetime in $D_s \rightarrow B^0$ Decays.	2.9	17
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