

Stefano Perazzini

List of Publications by Year in descending order

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Version: 2024-02-01

176
papers

8,494
citations

50170

46
h-index

51492

86
g-index

176
all docs

176
docs citations

176
times ranked

7824
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the Ratio of Branching Fractions B_{script}		

#	ARTICLE	IF	CITATIONS
19	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$; $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	103
20	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow \bar{c} \ell \nu + \bar{c} \ell \nu$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	103
21	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	100
22	Measurement of the fragmentation fraction ratio f_s/f_d and its dependence on B meson kinematics. Journal of High Energy Physics, 2013, 2013, 1.	1.6	89
23	Measurement of $\Upsilon(2S)$ meson production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2100.	1.4	83
24	Study of D J meson decays to $D + \bar{c} \ell \nu$, $D + \bar{c} \ell \nu$ and $D + \bar{c} \ell \nu$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	1.6	82
25	Search for the Decays $B \rightarrow \bar{c} \ell \nu$ and $B \rightarrow \bar{c} \ell \nu$. $\frac{B \rightarrow \bar{c} \ell \nu}{B \rightarrow \bar{c} \ell \nu} \approx \frac{1}{2.9} \approx 0.034$	2.9	81
26	Search for Structure in the $B \rightarrow \bar{c} \ell \nu$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	1.6	78
27	Measurements of the S-wave fraction in $B \rightarrow \bar{c} \ell \nu$ decays and the $B \rightarrow \bar{c} \ell \nu$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	1.6	75
28	Study of J/ψ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	74
29	Measurement of the $\eta_c(1S)$ production cross-section in proton-proton collisions via		

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37	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	1.4	58
38	Study of the $D^0 \rightarrow \rho^+ b^0 \bar{a}^0 \hat{a}^0$ amplitude in $\hat{b} \rightarrow b^0 \bar{a}^0 \hat{a}^0$ decays. Journal of High Energy Physics, 2017, 2017, 11.6	1.6	54
39	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	1.4	54
40	Measurement of the cross-section for $Z \rightarrow e^+e^-$ production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	53
41	Measurement of $\psi(2S)$ $\Upsilon(2S)$ polarisation in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2014, 74, 2872.	1.4	53
42	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^+ \bar{K}^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	52
43	Measurement of the exclusive Υ production cross-section in pp collisions at $s = 7$ TeV and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	52
44	Measurement of the phase difference between short- and long-distance amplitudes in the $B^+ \rightarrow K^+ \mu^+ \mu^-$ decay. European Physical Journal C, 2017, 77, 161.	1.4	51
45	Measurement of B meson production cross-sections in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
46	Search for the doubly charmed baryon Ξ_{cc}^+ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
47	Study of prompt D^0 meson production in pPb collisions at $s_{NN} = 5$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	45
48	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	1.4	44
49	Measurement of the Difference of Time-Integrated Asymmetries in $B^+ \rightarrow K^+ \mu^+ \mu^-$ decay. European Physical Journal C, 2017, 77, 161.	2.9	42
50	First observation of the decay $B_c^+ \rightarrow \mu^+ \psi(K^+)$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	41
51	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	1.4	41
52	Study of the kinematic dependences of $\hat{b} \rightarrow b^0$ production in pp collisions and a measurement of the $\hat{b} \rightarrow b^0 \bar{a}^0 \hat{a}^0$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
53	Study of J/ψ Production in Jets. Physical Review Letters. 2017, 118, 192001.	2.9	39
54	Measurement of the forward-backward asymmetry in $Z \rightarrow \hat{a}^+ \hat{a}^-$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37

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55	Production of associated Υ and open charm hadrons in pp collisions at $\sqrt{s} = 7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	1.6	37
56	First observation of the decay $B \rightarrow \hat{\pi}^+ \hat{\pi}^- + \hat{\pi}^0 \hat{\pi}^0$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	36
57	Measurement of the relative rate of prompt $c0$, $c1$ and $c2$ production at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	36
58	Observation of the $\hat{b} \rightarrow \hat{c} \hat{\pi}^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
59	Addendum: Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	34
60	Measurement of the J/ψ pair production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	34
61	Study of Υ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	33
62	Measurement of forward $Z \rightarrow e^+e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
63	Search for the lepton flavour violating decay $\hat{B}_s \rightarrow \hat{\pi}^+ \hat{\pi}^- + \hat{\pi}^0 \hat{\pi}^0$. Journal of High Energy Physics, 2015, 2015, 1.		32
64	Search for Violations of Lorentz Invariance and Symmetry in $B \rightarrow C P$. Symmetry	2.9	31
65	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2012, 72, 1.	1.4	30
66	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	30
67	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.	1.4	30
68	Forward production of Υ mesons in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
69	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
70	Measurement of relative branching fractions of B decays to $\Upsilon(2S)$ and J/ψ mesons. European Physical Journal C, 2012, 72, 2118.	1.4	29
71	Measurement of the CKM angle $\hat{\beta}$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
72	Measurement of the $B^0 \rightarrow K^* e^+ e^-$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28

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73	First measurement of time-dependent CP violation in $B_{s^0} \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
74	First Observation of $D^0 \rightarrow \pi^+ \pi^-$ Oscillations	2.9	27
75	Measurement of prompt hadron production ratios in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. European Physical Journal C, 2012, 72, 1.	1.4	26
76	Measurement of mixing and CP violation parameters in two-body charm decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26
77	Angular analysis of charged and neutral $B \rightarrow K^{1/2} + \bar{1/2} \pi^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26
78	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	1.4	26
79	Measurement of the forward energy flow in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2421.	1.4	25
80	Observation of the decay $B_c^+ \rightarrow \pi^+ K + K \pi^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	25
81	Study of forward Z + jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
82	Searches for Λ_b^0 and Ξ_b^0 decays to $K_{\text{charm}}^0 \pi^0$ and $K_{\text{charm}}^0 \pi^+$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{charm}}^0 \pi^+$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
83	Observation of $B_c^+ \rightarrow \pi^+ K$ decays. Journal of High Energy Physics, 2017, 2017, 1.	2.9	25
84	Observation of $B_c^+ \rightarrow \pi^+ K$ decays. Physical Review Letters, 2017, 118, 111803.	2.9	25
85	Measurements of the branching fractions of $B^+ \rightarrow p \bar{p} K^+$ decays. European Physical Journal C, 2013, 73, 2462.	1.4	24
86	Measurement of the forward W boson cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
87	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
88	Observations of $\Lambda_b^0 \rightarrow \pi^+ \pi^- K^+$ and $\Lambda_b^0 \rightarrow \pi^+ \pi^- K + K \pi^+$ decays and searches for other Λ_b^0 and Ξ_b^0 decays to $\pi^+ \pi^- K$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
89	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	23
90	Measurement of the B_{charm}^{\pm} production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	22

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91	Measurement of the CKM angle $\hat{\beta}^3$ using $B \hat{A}^\pm \hat{\alpha}^+ DK \hat{A}^\pm$ with $D \hat{\alpha}^0 \hat{\alpha}^+ K S O \hat{\alpha}^+ \hat{\alpha}^+ K S O K + K \hat{\alpha}^+$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21
92	Search for CP violation using T-odd correlations in $D O \hat{\alpha}^+ K + K \hat{\alpha}^+ \hat{\alpha}^+ \hat{\alpha}^+$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21
93	Precise measurements of the properties of the $B_1(5721)_{0,+}$ and $B_2^*(5747)_{0,+}$ states and observation of $B_{+,0} \hat{\alpha}^+$, mass structures. Journal of High Energy Physics, 2015, 2015, 1.	1.6	21
94	A precise measurement of the B^0 meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.4	21
95	Observation of $D^0 \rightarrow K^+ K^-$ Meson Decays to $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^-$. Physical Review Letters, 2017, 119, 181805.	2.9	21
96	Search for the lepton-flavour violating decays $B_0(s) \rightarrow \mu^+ \mu^- e^+ e^-$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	21
97	Measurement of the $\hat{\beta}^3$ mass and of the relative rate of $\hat{\beta}^3 b_1(1P)$ and $\hat{\beta}^3 b_2(1P)$ production. Journal of High Energy Physics, 2014, 2014, 1.	1.6	20
98	Measurement of the CP Violation Parameter \hat{A}^{CP} in $D O \hat{\alpha}^+ K + K \hat{\alpha}^+$ and $D O \hat{\alpha}^+ \hat{\alpha}^+ \hat{\alpha}^+$ Decays. Physical Review Letters, 2017, 118, 261803.	2.9	20
99	Resonances and CP violation in B_s^0 and $B^0 \rightarrow \psi(3770) \rightarrow K^+ K^-$ decays in the mass region above the $\hat{\beta}^3(1020)$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	19
100	Measurement of V_0 production ratios in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	18
101	Measurement of the fraction of $\hat{\beta}^3(1S)$ originating from $\hat{\beta}^3 b_1(1P)$ decays in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	18
102	Measurement of forward $W \hat{\alpha}^+ e^{1/2}$ production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
103	$\hat{\beta}^3_{c1}$ and $\hat{\beta}^3_{c2}$ Resonance Parameters with the Decays $\hat{\beta}^3_{c1,c2} \hat{\alpha}^+ \hat{\alpha}^+ \hat{\alpha}^+$. Physical Review Letters, 2017, 119, 221801.	1.6	18
104	Search for the decay $B_s^0 \rightarrow D^0 f_0(980)$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
105	Observation of $\hat{\beta}^3 b_0 \hat{\alpha}^+ \hat{\alpha}^+ \hat{\alpha}^+$ and $\hat{\beta}^3 b_0 \hat{\alpha}^+ \hat{\alpha}^+ \hat{\alpha}^+$ decays and a measurement of the $\hat{\beta}^3 b_0$ baryon mass. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
106	Study of charmonium production in $B^0 \rightarrow \psi(3770) \rightarrow K^+ K^-$ hadron decays and first evidence for the decay $B^0 \rightarrow \psi(3770) \rightarrow K^+ K^-$. European Physical Journal C, 2017, 77, 609.	1.4	17
107	Improved limit on the branching fraction of the rare decay $B^0 \rightarrow \mu^+ \mu^-$. European Physical Journal C, 2017, 77, 678.	1.4	17
108	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

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109	Evidence for the decay $B_{\text{c}}^+ \rightarrow \psi(3700) \psi(3700) \psi(3700)$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	16
110	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	16
111	Measurement of CP violation parameters and polarisation fractions in $B_s^0 \rightarrow J/\psi K^{\pm} \bar{K}^{\pm}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
112	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^+ K^{\pm} \pi^{\mp}$ in the $K^0(1430) \pi^0$ region. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
113	Measurement of $B^0 \rightarrow D^+ D^{\mp} \pi^{\pm}$ and $B^0 \rightarrow D^+ D^{\mp} \pi^{\pm} \pi^0$ decays. Physical Review Letters, 2017, 119, 101801.	2.9	15
114	Observation of the suppressed decay $B^0 \rightarrow \rho^+ \rho^{\mp} \pi^{\pm}$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
115	First Observation of the Rare Purely Baryonic Decay $\Lambda_b^0 \rightarrow p \bar{p} \bar{\Lambda}^0$. Physical Review Letters, 2017, 119, 232001.	2.9	15
116	Search for excited B_c^+ states. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
117	Search for heavy neutral leptons in $W^+ \rightarrow \mu^+ \mu^{\pm} \nu$, $\text{ext } \{jet\}$ decays. European Physical Journal C, 2021, 81, 1.	1.4	15
118	Search for CP violation in $D^+ \rightarrow \bar{K}^0 \pi^+$ and $D_s^+ \rightarrow \bar{K}^0 \pi^+$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
119	A study of the Z production cross-section in pp collisions at $\sqrt{s} = 7$ TeV using tau final states. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
120	Measurement of CP asymmetry in $B_s^0 \rightarrow D_s^{\pm} K^{\pm}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	14
121	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	14
122	Study of $\Upsilon(2S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
123	Search for CP violation in $\chi_{c1}^+ \rightarrow p \bar{K}^+ \pi^+$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	1.4	14
124	Search for the rare decay $K_S^0 \rightarrow \mu^+ \mu^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	13
125	Search for CP violation in $D^{\pm} \rightarrow K^0 K^{\pm} \bar{K}^0$ and $D_s^{\pm} \rightarrow K^0 K^{\pm} \bar{K}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
126	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow \bar{K}^* (892) \pi^0$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13

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127	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	13
128	Measurement of the ratio of branching fractions $\mathcal{B}(B^0 \rightarrow K^+ K^-) / \mathcal{B}(B^0 \rightarrow K^+ K^0)$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
129	Study of $D^0 \rightarrow K^+ K^-$ mesons decaying to $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^0$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
130	Measurement of CP asymmetry in $B^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
131	Performance of 10 Gigabit Ethernet Using Commodity Hardware. IEEE Transactions on Nuclear Science, 2010, 57, 630-641.	1.2	12
132	Measurement of CP asymmetries and polarisation fractions in $B^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	12
133	A new algorithm for identifying the flavour of B^0 mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	0.5	12
134	Violation in $B^0 \rightarrow K^+ K^-$ decays. Physical Review Letters, 2016, 117, 261801.	2.9	12
135	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12
136	Measurement of the $B^0 \rightarrow K^+ K^-$ branching fraction and search for the decay $B^0 \rightarrow K^+ K^0$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	11
137	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
138	New algorithms for identifying the flavour of B^0 mesons using pions and protons. European Physical Journal C, 2017, 77, 238.	1.4	11
139	First measurement of the CP-violating phase ϕ_1 in $B^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
140	First observation of $B^0 \rightarrow K^+ K^-$ decays and a search for $B^0 \rightarrow K^+ K^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.8	11
141	Evidence for the two-body charmless baryonic decay $B^0 \rightarrow p \bar{\Lambda}^0$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
142	Study of $\overline{\text{b}} \text{b}$ correlations in high energy proton-proton collisions. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
143	Measurement of branching fractions of charmless four-body \hat{b}^0 and \hat{b}^+ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
144	Observation of CP violation in two-body $B_{(s)}^0$ -meson decays to charged pions and kaons. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10

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145	First observation of the decay $B_s^0 \rightarrow \psi(3710) \rightarrow \psi(3710) \psi(3710)$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	9
146	First observations of the rare decays $B \rightarrow \pi^0 \pi^0 \pi^0$ and $B \rightarrow \pi^0 \pi^0 \pi^0$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	9
147	Search for the $B \rightarrow \pi^0 \pi^0 \pi^0$ and $B \rightarrow \pi^0 \pi^0 \pi^0$ decays with the LHCb detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	9
148	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.	1.6	9
149	Model-independent measurement of the CKM angle β using $B \rightarrow D^* \pi^0$ decays with $D^* \rightarrow K^0 \pi^0$ and $D^* \rightarrow K^0 \pi^0$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	9
150	Measurement of the $\Upsilon(nS)$ polarizations in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
151	Search for long-lived particles decaying to $e^+ \mu^+ \mu^-$. European Physical Journal C, 2021, 81, 1.	1.4	9
152	Observation of the $B_s^0 \rightarrow \pi^0 \pi^0 \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	8
153	Observation of the $B_s^0 \rightarrow \pi^0 \pi^0 \pi^0$ decay. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
154	Comparison of UDP Transmission Performance Between IP-Over-InfiniBand and 10-Gigabit Ethernet. IEEE Transactions on Nuclear Science, 2011, 58, 1606-1612.	1.2	7
155	Limits on neutral Higgs boson production in the forward region in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7
156	Searches for $B \rightarrow \psi(3710) \psi(3710)$ and $B \rightarrow \psi(3710) \psi(3710)$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7
157	First observation and measurement of the branching fraction for the decay $B_s^0 \rightarrow \pi^0 \pi^0 \pi^0$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	7
158	Measurement of CP observables in $B \rightarrow D^* \pi^0$ decays using two- and four-body D final states. Journal of High Energy Physics, 2017, 2017, 1.	1.6	7
159	Measurement of CP observables in $B \rightarrow D^* \pi^0$ with $D^* \rightarrow \pi^0 \pi^0$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	6
160	Determination of the branching fractions of $B \rightarrow D^* \pi^0$ and $B \rightarrow D^* \pi^0$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
161	Observation of $B \rightarrow D^* \pi^0$ and Evidence for $B \rightarrow D^* \pi^0$ Decays. Physical Review Letters, 2016, 116, 161802.	1.9	6
162	Search for Baryon-Number Violating $\langle \mathcal{M} \mathcal{O}_6 \mathcal{M} \rangle$. Physical Review Letters, 2017, 119, 181807.	2.9	6

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163	First observation of the decay $B_s^0 \rightarrow \bar{D}^* K^0$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1.	1.5	5
164	High rate packet transmission on 10 Gbit/s Ethernet LAN using commodity hardware. , 2009, , .		4
165	Search for the $B_s^0 \rightarrow \bar{D}^* K^0$ decay. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
166	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B \rightarrow \bar{D}^* K^0$ and $B \rightarrow \bar{D}^* K^+$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
167	Search for the rare decay $B^0 \rightarrow \bar{D}^* K^0$. Chinese Physics C, 2021, 45, 043001.	1.5	2
168	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. , 2012, 2012, 1.		2
169	First measurement of the CP-violating phase in $B^0 \rightarrow \psi K^0$. Physical Review Letters, 2014, 112, 011801.	1.4	2
170	Development of an MCP-Based Timing Layer for the LHCb ECAL Upgrade-2. Instruments, 2022, 6, 7.	0.8	2
171	Search for massive long-lived particles decaying semileptonically at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, .	1.4	2
172	High rate packet transmission via IP-over-InfiniBand using commodity hardware. , 2010, , .		0
173	LHCb Physics and 2010-11 prospects. , 2011, , .		0
174	Major Changes to the LHCb Grid Computing Model in Year 2 of LHC Data. Journal of Physics: Conference Series, 2012, 396, 032092.	0.3	0
175	Measurement of branching fractions and direct CP asymmetries in charmless charged two-body B decays at LHCb. European Physical Journal Plus, 2013, 128, 1.	1.2	0
176	Dalitz plot analyses of charmless b-hadron decays at LHCb. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1391-1397.	0.2	0