

# Anton Poluektov

## List of Publications by Year in descending order

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Version: 2024-02-01

150  
papers

5,071  
citations

101384

36  
h-index

106150

65  
g-index

163  
all docs

163  
docs citations

163  
times ranked

6372  
citing authors

#	ARTICLE	IF	CITATIONS
1	Test of lepton universality with $B \rightarrow K^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2017, 2017, 1.	1.6	425
2	Angular analysis of the $B \rightarrow K^* \ell^+ \ell^-$ decay using 3 fb <sup>-1</sup> of integrated luminosity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	304
3	The Physics of the B Factories. European Physical Journal C, 2014, 74, 1.	1.4	292
4	Angular analysis and differential branching fraction of the decay $B \rightarrow K^* \ell^+ \ell^-$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	191
5	Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1.	1.4	137
6	Differential branching fraction and angular analysis of the decay $B \rightarrow K^* \ell^+ \ell^-$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	111
7	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ ; TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	103
8	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
9	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
10	Evidence for direct CP violation in the decay $B \rightarrow D^* K^* \ell^+ \ell^-$ and measurement of the CKM phase $\beta_3$ . Physical Review D, 2010, 81, .	1.6	82
11	Study of $D^* J/\psi$ meson decays to $D^* \ell^+ \ell^-$ , $D^* \ell^+ \ell^-$ and $D^* \ell^+ \ell^-$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	1.6	82
12	Feasibility study of model-independent approach to $\beta_3$ measurement using Dalitz plot analysis. European Physical Journal C, 2006, 47, 347-353.	1.4	75
13	Measurements of the S-wave fraction in $B \rightarrow K^* \ell^+ \ell^-$ decays and the $B \rightarrow K^* \ell^+ \ell^-$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	1.6	75
14	Study of $J/\psi$ 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
15	Measurement of $\beta_3$ with Dalitz plot analysis of $B \rightarrow D^* K^* \ell^+ \ell^-$ decay. Physical Review D, 2004, 70, .	1.6	73
16	Selection and processing of calibration samples to measure the particle identification performance of the LHCb experiment in Run 2. EPJ Techniques and Instrumentation, 2019, 6, .	0.5	73
17	Differential branching fraction and angular analysis of the $B \rightarrow K^* \ell^+ \ell^-$ decay. Journal of High Energy Physics, 2013, 2013, 1.	1.6	72
18	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	69

#	ARTICLE	IF	CITATIONS
19	Measurement of the isospin asymmetry in $B \rightarrow K^{*0} \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2012, 2012, 165		
20	Production of $J/\psi$ and $\Upsilon$ mesons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	65
21	Measurement of forward $J/\psi$ production cross-sections in pp collisions at $s = 13$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
22	The use of quantum-correlated $D^0$ decays for $\beta$ measurement. European Physical Journal C, 2008, 55, 51-56.	1.4	59
23	High Statistics Measurement of the Cross Sections of $\Upsilon(3S) \rightarrow e^+ e^-$ Production. Journal of the Physical Society of Japan, 2007, 76, 074102.	0.7	58
24	Studies of CP Violation in $B \rightarrow J/\psi K^0$ Decays. Physical Review Letters, 2005, 95, 091601.	2.9	57
25	Study of the $D^0 \rightarrow \rho^+ \pi^-$ amplitude in $B^0 \rightarrow D^0 \rho^+ \pi^-$ decays. Journal of High Energy Physics, 2017, 2017, 11.6		54
26	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
27	Measurement of the exclusive $\Upsilon$ production cross-section in pp collisions at $s = 7$ TeV and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	52
28	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
29	Search for the doubly charmed baryon $\Xi_{cc}^{++}$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
30	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.	1.6	45
31	First observation of the decay $B_c^+ \rightarrow \rho^+ \psi(3770)$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	41
32	Search for beautiful tetraquarks in the $\Upsilon(1S) \rightarrow \pi^+ \pi^-$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	39
33	Measurement of the forward-backward asymmetry in $Z \rightarrow \pi^+ \pi^-$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37
34	Production of associated $\Upsilon$ and open charm hadrons in pp collisions at $s = 7$ TeV and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	1.6	37
35	First observation of the decay $B \rightarrow \pi^+ \pi^- \pi^+$ . Journal of High Energy Physics, 2012, 2012, 1.	1.6	36
36	Measurement of the relative rate of prompt $\Upsilon(0)$ , $\Upsilon(1)$ and $\Upsilon(2)$ production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	36

#	ARTICLE	IF	CITATIONS
37	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
38	Measurement of the $J/\psi$ pair production cross-section in pp collisions at $s = 13 \sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	34
39	Angular moments of the decay $\Lambda_b^0 \rightarrow \Lambda^0 \pi^+ \pi^-$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
40	Study of $\Upsilon$ production and cold nuclear matter effects in pPb collisions at $s_{NN} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	33
41	Measurement of forward $Z \rightarrow e^+e^-$ production at $s = 8 \sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
42	Charm mixing in a model-independent analysis of correlated $D^0 \rightarrow D^+ D^-$ decays. Physical Review D, 2010, 82, .	1.6	32
43	First measurement of $B^0 \rightarrow D^+ D^-$ with a model-independent Dalitz plot analysis of $B^0 \rightarrow D^+ D^-$ decay. Physical Review D, 2012, 85, .	1.6	32
44	Measurement of $J/\psi$ production in pp collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	30
45	Forward production of $\Upsilon$ mesons in pp collisions at $s = 7 \sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
46	Measurement of the CKM angle $\beta_3$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
47	Measurement of the Quark Mixing Parameter $\cos^2 \theta_{13}$ Using Time-Dependent Dalitz Analysis of $B^0 \rightarrow D^+ D^-$ . Physical Review Letters, 2006, 97, 081801.	2.9	28
48	Measurement of the $B^0 \rightarrow K^+ K^- e^+ e^-$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
49	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
50	Studies of the resonance structure in $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ decays. European Physical Journal C, 2018, 78, 443.	1.4	28
51	Measurement of mixing and CP violation parameters in two-body charm decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26
52	Observation of the decay $B_c^+ \rightarrow J/\psi K^+ K^-$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	25
53	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
54	Searches for $\Lambda_b^0$ and $\Xi_b^0$ decays to $K_{\text{charm}}^0 \pi^+$ 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

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55	Measurement of the forward W boson cross-section in pp collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$ . Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
56	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
57	Kernel density estimation of a multidimensional efficiency profile. Journal of Instrumentation, 2015, 10, P02011-P02011.	0.5	24
58	Observations of $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$ and $\hat{b} \rightarrow \hat{c} K^+ K^-$ decays and searches for other $\hat{b} \rightarrow \hat{c}$ and $\hat{b} \rightarrow \hat{s}$ decays to final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
59	Measurement of the forward Z boson production cross-section in pp collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	23
60	Measurement of the $B_{\hat{c}}^{\pm}$ production cross-section in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	1.6	22
61	Measurement of the CKM angle $\hat{\beta}_3$ using $B_{\hat{c}}^{\pm} \rightarrow DK_{\hat{c}}^{\pm}$ with $D \rightarrow K^0 \ell^+ \ell^-$ , $K^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22
62	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21
63	Search for the lepton-flavour violating decays $B^0 \rightarrow \tau^+ \tau^- \ell^+ \ell^-$ . Journal of High Energy Physics, 2018, 2018, 1.		21
64	Evidence for the decay $B_{\hat{c}}^0 \rightarrow \overline{K}^0 \mu^+ \mu^-$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
65	Resonances and CP violation in $B_{\hat{c}}^0$ and $B_{\hat{c}}^{\pm} \rightarrow J/\psi K^+ K^-$ decays in the mass region above the $\overline{D}(1020)$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	19
66	Measurement of $V_0$ production ratios in pp collisions at $\sqrt{s} = 0.9 \text{ TeV}$ and $7 \text{ TeV}$ . Journal of High Energy Physics, 2011, 2011, 1.	1.6	18
67	Measurement of the fraction of $\hat{\chi}(1S)$ originating from $\hat{\psi}(1P)$ decays in pp collisions at $\sqrt{s} = 7, 7 \text{ TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	1.6	18
68	Measurement of forward $W \hat{e}^{1/2}$ production in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
69	Search for the decay $B_{\hat{c}}^0 \rightarrow \overline{D}^0 \ell^+ \ell^-$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
70	Observation of $\hat{b} \rightarrow \hat{c} \ell^+ \ell^- (2S) p K^{\pm}$ and $\hat{b} \rightarrow \hat{c} \ell^+ \ell^- p K^{\pm}$ decays and a measurement of the $\hat{b} \rightarrow \hat{c}$ baryon mixing. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
71	Evidence for the decay $B_{\hat{c}}^0 \rightarrow \overline{D}^0 \ell^+ \ell^-$ . Journal of High Energy Physics, 2014, 2014, 1.	1.6	16
72	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	16

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73	Study of $\tilde{\chi}$ production in pPb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
74	Measurement of CP violation parameters and polarisation fractions in $B \rightarrow 0 \hat{+}' J / \tilde{\chi} K \hat{A}^- \hat{0}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
75	Differential branching fraction and angular moments analysis of the decay $B \rightarrow 0 \hat{+}' K + \tilde{\chi} \hat{+}' \hat{+}' + \hat{+}' \hat{+}'$ in the $K_{0,2} \hat{+}'$ (1430)0 region. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
76	Observation of the suppressed decay $\hat{+}' b \rightarrow 0 \hat{+}' \hat{+}' \hat{+}' \hat{+}' + \hat{+}' \hat{+}'$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
77	Search for excited $B_c +$ states. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
78	Search for CP violation in $D + \hat{+}' \tilde{\chi} \hat{+}' +$ and $D_{s^+} \rightarrow K_S^0 \pi^+$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
79	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
80	Study of $\tilde{\chi}(2S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{\mathrm{NN}}}=5$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
81	Measurement of the CKM angle $\hat{+}'$ using $B_{\hat{+}' \hat{+}' DK_{\hat{+}' \hat{+}'}$ with $D \rightarrow K_S^0 \pi^+, K_S^0 \pi^0, K_S^0 K^+, K_S^0 K^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	14
82	Prompt $\hat{+}' + c$ production in pPb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
83	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
84	Search for the rare decay $K_S^0 \rightarrow \mu^+ \mu^-$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	13
85	Search for CP violation in $D \rightarrow K_S^0 K^+ K^{\pm}$ and $D_s \rightarrow K_S^0 \tilde{\chi} K^{\pm}$ decays. Journal of High Energy Physics, 2014, 1.	1.6	13
86	Measurement of polarization amplitudes and CP asymmetries in $B \rightarrow 0 \hat{+}' \tilde{\chi} K^*(892)0$ . Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
87	Measurement of the time-integrated CP asymmetry in $D \rightarrow K_S^0 K_S^0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	13
88	Measurement of the ratio of branching fractions $\hat{+}' B_c + \hat{+}' J / \tilde{\chi} K + / \hat{+}' B_c + \hat{+}' J$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
89	Study of $D_{s1}^*$ mesons decaying to $D \hat{+}' K_S^0$ and $D^* K +$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
90	Measurement of CP asymmetry in $B \rightarrow D_s^* K^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13

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91	Measurement of $\Upsilon$ production in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
92	Measurement of CP asymmetries and polarisation fractions in $B_s^0 \rightarrow K^+ K^- \pi^0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	12
93	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12
94	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
95	Double Dalitz plot analysis of the decay $B \rightarrow D_1^0 \pi^+ \pi^-$ . Physical Review D, 2010, 81, 1.	1.6	11
96	Measurement of the $B \rightarrow D^+ \pi^-$ branching fraction and search for the decay $B \rightarrow D^+ \pi^0$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	11
97	First measurement of the CP-violating phase $\phi_{s^{\overline{D}}}$ in $B \rightarrow D^+ (K^+ \pi^-) (K^+ \pi^0)$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
98	Search for CP violation using triple product asymmetries in $B \rightarrow D^+ K^+ K^-$ , $B \rightarrow D^+ K^+ K^0$ and $B \rightarrow D^+ K^0 K^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
99	First observation of $B \rightarrow D^+ s^+ K^+$ decays and a search for $B \rightarrow D^+ s^+ \pi^+$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
100	Measurements of CP asymmetries in charmless four-body $\Lambda_b^0$ and $\Xi_b^0$ decays. European Physical Journal C, 2019, 79, 1.	1.4	11
101	Search for the rare decay $B^+ \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ . European Physical Journal C, 2019, 79, 1.	1.4	11
102	Evidence for the two-body charmless baryonic decay $B^+ \rightarrow p \Lambda^0$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
103	Study of $\overline{b}b$ correlations in high energy proton-proton collisions. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
104	Search for a dimuon resonance in the $\Upsilon$ mass region. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
105	Measurement of branching fractions of charmless four-body $\Lambda_b^0$ and $\Xi_b^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
106	Displaced $B^{\overline{c}}$ mesons as an inclusive signature of weakly decaying double beauty hadrons. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
107	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^+ K^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
108	Effect of direct CP violation in charm on $\hat{\Gamma}^3$ extraction from $B \rightarrow D K^0 \pi^+ \pi^-$ Dalitz plot analysis. European Physical Journal C, 2013, 73, 1.	1.4	9

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109	First observation of the decay $B_{s^0} \rightarrow \overline{K}^{*0} \phi$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	9
110	Search for the $B^0 \rightarrow \rho^+ \rho^- \pi^0$ and $B^0 \rightarrow \rho^+ \rho^- \pi^+$ decays with the LHCb detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	9
111	Model-independent measurement of the CKM angle $\beta^3$ using $B^0 \rightarrow \rho^+ \rho^- \pi^0$ decays with $D^0 \rightarrow \rho^+ \rho^- \pi^0$ and $K_S^0 \rightarrow \rho^+ \rho^- \pi^0$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	9
112	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
113	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
114	Search for lepton-flavour-violating decays of Higgs-like bosons. European Physical Journal C, 2018, 78, 1008.	1.4	9
115	Observation of the $B_s^0 \rightarrow \rho^+ \rho^- \pi^0$ decay. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
116	Optimizing sensitivity to $B^0 \rightarrow \rho^+ \rho^- \pi^0$ with $B^0 \rightarrow \rho^+ \rho^- \pi^0$ decays. Physical Review D, 2018, 97, .	1.6	8
117	Observation of the decay $B^0 \rightarrow \rho^+ \rho^- \pi^0(2S)$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
118	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
119	Searches for $B_{s^0} \rightarrow \rho^+ \rho^- \pi^0$ and $B^+ \rightarrow \rho^+ \rho^- \pi^0$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7
120	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow \rho^+ \rho^- \pi^0$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	7
121	Measurement of CP observables in $B^0 \rightarrow \rho^+ \rho^- \pi^0$ decays using two- and four-body D final states. Journal of High Energy Physics, 2017, 2017, 1.	1.6	7
122	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow \rho^+ \rho^- \pi^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	7
123	Study of the $B^0 \rightarrow \rho^+ \rho^- \pi^0$ decay with an amplitude analysis of $B^0 \rightarrow \rho^+ \rho^- \pi^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
124	Search for CP violation through an amplitude analysis of $D^0 \rightarrow \rho^+ \rho^- \pi^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
125	Measurement of CP observables in $B^0 \rightarrow \rho^+ \rho^- \pi^0$ with $D^0 \rightarrow \rho^+ \rho^- \pi^0$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	6
126	Determination of the branching fractions of $B^0 \rightarrow \rho^+ \rho^- \pi^0$ and $B^0 \rightarrow \rho^+ \rho^- \pi^+$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	6



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127	Measurement of $Z \rightarrow \bar{l}_i, +l_i, \gamma$ production in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
128	Measurement of the CKM angle $\hat{\beta}$ in $B_{\pm} \rightarrow DK_{\pm}$ and $B_{\pm} \rightarrow D\bar{K}_{\pm}$ decays with $D \rightarrow K_{\text{S}}^0 \pi^{\pm}$ . Journal of High Energy Physics, 2021, 2021, 1.	1.6	6
129	Efficient description of experimental effects in amplitude analyses. Journal of Instrumentation, 2021, 16, P06016.	0.5	6
130	First observation of the decay $B_s^0 \rightarrow K_S^0 K^{\pm} \pi^{\mp}$ (892)0 at LHCb. Journal of High Energy Physics, 2016, 2016, 1.	2.0	5
131	Measurement of $D_{\pm}^*$ production asymmetry in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
132	Unbinned model-independent measurements with coherent admixtures of multibody neutral D meson decays. European Physical Journal C, 2018, 78, 121.	1.4	5
133	Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow \bar{K}^* \pi^0$ and $B^0 \rightarrow \bar{K}^* \pi^+$ . Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
134	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
135	Measurement of CP violation in $B^0 \rightarrow D^* \pi^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
136	Search for the $B_s^0 \rightarrow \bar{K}^* \pi^0$ decay. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
137	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^+ \rightarrow \bar{K}^* \pi^+$ and $B^+ \rightarrow \bar{K}^* \pi^0$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
138	Measurement of the branching fraction and CP asymmetry in $B^+ \rightarrow \pi^0 \rho^+$ decays. European Physical Journal C, 2019, 79, 1.	1.4	3
139	Searches for 25 rare and forbidden decays of $D^+$ and $D_s^+$ mesons. Journal of High Energy Physics, 2021, 2021, 1.	1.6	3
140	Measurement of the CP asymmetry in $B^+ \rightarrow D^* \pi^0$ and $B^+ \rightarrow D^* \pi^+$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	2
141	Observation of the doubly Cabibbo-suppressed decay $\bar{B}^0 \rightarrow \pi^+ \rho^-$ . Journal of High Energy Physics, 2019, 2019, 1.	2.0	2
142	Observation of the $B_s^0 \rightarrow D^* \pi^0$ decay. Journal of High Energy Physics, 2021, 2021, 1.	1.6	2
143	Oscillations of $B_s^0$ Mesons as a Probe of Decays with Unreconstructed Particles. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
144	Measurements of prompt charm production cross-sections in pp collisions at ( $\sqrt{s}=13$ ) TeV. , 2016, 2016, 1.		2

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145	Observation of double charm production involving open charm in pp collisions at $(\sqrt{s} = 7; \text{TeV})$ . , 2012, 2012, 1.		2
146	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays and the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ differential branching fraction. , 2016, 2016, 1.		2
147	Radiation Damage Effects and Operation of the LHCb Vertex Locator. IEEE Transactions on Nuclear Science, 2018, 65, 1127-1132.	1.2	1
148	Observation of the decay $\overline{B}_s^0 \rightarrow \chi_{c2}^+ K^-$ in the $\overline{B}$ mass region. Journal of High Energy Physics, 2018, 2018, 1.	1.6	1
149	Observation of the decay $\Lambda_{\text{b}}^0 \rightarrow \pi^+ \pi^- p \pi^+$ . Journal of High Energy Physics, 2021, 2021, 1.	1.6	1
150	Measurement of branching fraction ratios for $B^+ \rightarrow D^{*+} D^+ K^+$ , $B^+ \rightarrow D^{*+} D^0 K^+$ , and $B^0 \rightarrow D^{*+} D^0 K^+$ decays. Journal of High Energy Physics, 2020, 2020, .	1.6	1