

Ulrik Egede

List of Publications by Year in descending order

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Version: 2024-02-01

880
papers

43,505
citations

3116

95
h-index

5347

170
g-index

899
all docs

899
docs citations

899
times ranked

12245
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Particle Physics. Progress of Theoretical and Experimental Physics, 2020, 2020, .	1.8	3,177
2	The LHCb Detector at the LHC. Journal of Instrumentation, 2008, 3, S08005-S08005.	0.5	969
3	Test of Lepton Universality Using $B \rightarrow K^* \ell \ell$ Observations of $B \rightarrow K^* \ell \ell$	2.9	845
4	Resonances Consistent with Pentaquark States in J/ψ Mass Spectrum around $4.26 \text{ GeV}/c^2$. Physical Review Letters, 2005, 95, 142001.	2.9	816
5	Measurement of the Ratio of Branching Fractions $B \rightarrow K^* \ell \ell$	2.9	650
6			

#	ARTICLE	IF	CITATIONS
19	Angular analysis of the $B^0 \rightarrow K^* \rho^0 \pi^+ \pi^-$ decay using 3 fb ⁻¹ of integrated luminosity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	304
20	Measurement of the Ratio of the $B^0 \rightarrow D^* \rho^0 \pi^+ \pi^-$ and $B^0 \rightarrow D^* \rho^0 \pi^+ \pi^-$ Decays. Physical Review Letters, 2018, 120, 171802.	2.9	204
21	First Evidence for the Decay $B^0 \rightarrow D^* \rho^0 \pi^+ \pi^-$. Physical Review Letters, 2013, 110, 021801.	2.9	292
22	The Physics of the B Factories. European Physical Journal C, 2014, 74, 1.	1.4	292
23	Measurement of the $B^0 \rightarrow D^* \rho^0 \pi^+ \pi^-$ Fraction and Search for $B^0 \rightarrow D^* \rho^0 \pi^+ \pi^-$. Physical Review Letters, 2013, 111, 101805.	2.9	258
24	Averages of b-hadron, c-hadron, and τ -lepton properties as of 2018. European Physical Journal C, 2021, 81, 1.	1.4	248
25	Measurement of the CP Asymmetry Amplitudes in $B^0 \rightarrow \rho^0 \pi^+ \pi^-$ with BOMesons. Physical Review Letters, 2002, 89, 201802.	2.9	247
26	Evidence of a Broad Structure at an Invariant Mass of 4.32 GeV/c ² in the Reaction $e^+e^- \rightarrow \rho^0 \pi^+ \pi^- (2S)$ Measured at BABAR. Physical Review Letters, 2007, 98, 212001.	2.9	247
27	Measurement of J/ψ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	238
28	Observation of Five New Narrow States Decaying to $B^0 \rightarrow D^* \rho^0 \pi^+ \pi^-$. Physical Review Letters, 2013, 111, 101805.	2.9	234
29	Measurement of the $B^0 \rightarrow D^* \rho^0 \pi^+ \pi^-$ Amplitude. Physical Review Letters, 2013, 111, 101805.	2.9	234

#	ARTICLE	IF	CITATIONS
37	Evidence for CP Violation in Time-Integrated Rates. <i>Physical Review Letters</i> , 2012, 108, 111602.	2.9	181
38	Direct CP Violating Asymmetry in $B_0 \rightarrow K^* \bar{K}^0$ Decays. <i>Physical Review Letters</i> , 2004, 93, 131801.	2.9	167
39	Flavor physics in the quark sector. <i>Physics Reports</i> , 2010, 494, 197-414.	10.3	164
40	Strong Constraints on the Rare Decays $B_s \rightarrow s \gamma$. <i>Physical Review Letters</i> , 2012, 108, 231801.	2.9	160
41	Test of lepton universality in beauty-quark decays. <i>Nature Physics</i> , 2022, 18, 277-282.	6.5	160
42	Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , 2019, 122, 211803.	2.9	157
43	Observation of $X(3872)$ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	153
44	Observation of $J/\psi \rightarrow \gamma \psi(2S)$ Structures Consistent with Exotic States from Amplitude Analysis of $B \rightarrow J/\psi K$. <i>Physical Review Letters</i> , 2020, 124, 041801.	2.9	150
45	Search for $B \rightarrow J/\psi K$ Decays. <i>Physical Review Letters</i> , 2020, 124, 041801.	2.9	148
46	Measurement of double charmonium production in e^+e^- annihilations at $\sqrt{s} = 10.6$ GeV. <i>Physical Review D</i> , 2005, 72, .	1.6	147
47	Measurement of the $B \rightarrow K^* \pi^0$ Branching Fraction with a Sum over Exclusive Modes. <i>Physical Review Letters</i> , 2004, 93, 081802.	2.9	146
48	B , D and K decays. <i>European Physical Journal C</i> , 2008, 57, 309-492.	1.4	146
49	New observables in the decay mode $B \rightarrow K^* \pi^0$. <i>Journal of High Energy Physics</i> , 2008, 2008, 032-032.	1.6	142
50	Observation of a New D_s Meson Decaying to $D K^*$ at a Mass of 2.86 GeV. <i>Physical Review Letters</i> , 2006, 97, 222001.	2.9	139
51	Study of the $e^+e^- \rightarrow \gamma^* \rightarrow B^0 \bar{B}^0$ process using initial state radiation with BABAR. <i>Physical Review D</i> , 2004, 70, .	1.6	138
52	Search for Hidden-Sector Bosons in $B \rightarrow K^* \pi^0$. <i>Physical Review Letters</i> , 2015, 115, 161802.	1.6	138
53	Measurements of branching fractions, rate asymmetries, and angular distributions in the rare decays $B \rightarrow K^* \pi^0$. <i>Physical Review D</i> , 2006, 73, .	1.6	137
54	Implications of LHCb measurements and future prospects. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	137

#	ARTICLE	IF	CITATIONS
55	Search for doubly charmed baryons Λ_{cc}^{++} and Σ_{cc}^{++} in BABAR. Physical Review D, 2006, 74, .	1.6	135
56	The $e^+e^- \rightarrow \Lambda_c^+ \bar{\Lambda}_c^0$, $\Lambda_c^+ \bar{\Lambda}_c^+$ and $K^+ \bar{K}^0$ cross sections at center-of-mass energies from production threshold to 4.5 GeV measured with initial-state radiation. Physical Review D, 2006, 73, .	1.6	128
57	Averaged Observables in the $B \rightarrow D^0 K^0$ System. Physical Review Letters, 2020, 125, 011802.	2.9	128
58	Measurement of CP-Violating Asymmetries in B^0 Decays to CP Eigenstates. Physical Review Letters, 2001, 86, 2515-2522.	2.9	125
59	Search for Lepton Flavor Violation in the Decay $\tilde{\nu}_\tau \rightarrow \tau \tilde{\nu}_\mu$. Physical Review Letters, 2005, 95, 041802.	2.9	124
60	Observation of an exotic narrow doubly charmed tetraquark. Nature Physics, 2022, 18, 751-754.	6.5	124
61	B_c^0 pair production in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 52-59.	1.5	123
62	Measurements of Branching Fractions and CP-Violating Asymmetries in $B^0 \rightarrow \Lambda_c^+ \bar{\Lambda}_c^0, K^+ \bar{\Lambda}_c^0, K^+ \bar{K}^0$ Decays. Physical Review Letters, 2002, 89, 281802.	2.9	122
63	Rates, Polarizations, and Asymmetries in Charmless Vector-Vector Meson Decays. Physical Review Letters, 2003, 91, 171802.	2.9	122
64	Structure at 2175 MeV in $e^+e^- \rightarrow \Lambda_c^+ \bar{\Lambda}_c^0$ observed via initial-state radiation. Physical Review D, 2006, 74, .	1.6	122
65	First Observation of the Doubly Charmed Baryon Decay $\Lambda_{cc}^{++} \rightarrow \Lambda_c^+ \bar{\Lambda}_c^0$. Physical Review D, 2005, 71, .	2.9	122
66	$e^+e^- \rightarrow \Lambda_c^+ \bar{\Lambda}_c^0, \Lambda_c^+ \bar{\Lambda}_c^+, K^+ \bar{\Lambda}_c^0, K^+ \bar{K}^0$ cross sections at center-of-mass energies 0.5 to 4.5 GeV measured with initial-state radiation. Physical Review D, 2005, 71, .	1.6	119
67	Measurement of J/ψ polarization in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2631.	1.4	117
68	Amplitude analysis of the $B_c^0 \rightarrow D^0 K^0$ decay. Physical Review D, 2020, 102, .	1.6	117
69	Measurement of B_c^0 hadron production fractions in $\sqrt{s} = 7$ TeV. Physical Review D, 2007, 75, 011101.	1.6	116
70	Measurement of $B_c^0 \rightarrow D^0 K^0$ decay. Physical Review D, 2020, 102, .	1.5	115
71	Observation of a Charmed Baryon Decaying to $D^0 p$ at a Mass Near 2.94 GeV/c ² . Physical Review Letters, 2007, 99, 012001.	2.9	114
72	Evidence for the decay $X_c^0 \rightarrow D^0 K^0$. Physical Review Letters, 2007, 99, 012001.	0.9	114

#	ARTICLE	IF	CITATIONS
73	Search for $B \rightarrow X(3872)K, X(3872)\hat{1}^3$. Physical Review D, 2006, 74, .	1.6	113
74	Search for Dark Photons Produced in 13ÅTeV Collisions. Physical Review Letters, 2018, 120, 061801.	2.9	113
75	Differential branching fraction and angular analysis of the decay $B \rightarrow K \hat{1}^4 + \hat{1}^4 \hat{a}^{\sim}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	111
76	Updated measurements of exclusive J/ψ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s}=7\text{ TeV}$. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 055002.	1.4	111
77	Model-independent Study of Structure in $B \rightarrow D$ Decays. Physical Review Letters, 2013, 110, 221601.	2.9	111
78	Evidence for Exotic Hadron Contributions to $B \rightarrow D$ Decays. Physical Review Letters, 2013, 110, 221601.	2.9	110
79	Violation of C and P Symmetry in the Decay $B \rightarrow \bar{1}^3 S_0$. Physical Review Letters, 2013, 110, 221601.	2.9	108
80	Study of the doubly charmed tetraquark B_{cc}^+ . Nature Communications, 2022, 13, .	5.8	107
81	Measurement of J/ψ production in pp collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2012, 72, 2025.	1.4	106
82	Search for Majorana Neutrinos in $B \rightarrow \bar{1}^4 \hat{a}^{\sim}$ Decays. Physical Review Letters, 2014, 112, 131802.	2.9	106
83	First Observation of C and P Violation in the Decays of $B \rightarrow \bar{1}^3 S_0$. Physical Review Letters, 2013, 110, 221601.	2.9	105
84	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	6.5	105
85	Exclusive J/ψ and $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7\text{ TeV}$. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045001.	1.4	104
86	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7\text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	103
87	Differential branching fraction and angular analysis of the decay $B \rightarrow K \hat{1}^4 + \hat{1}^4 \hat{a}^{\sim}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	103
88	Observation of an Excited Charm Baryon Λ_c^* Decaying to Λ_c^0 . Physical Review Letters, 2006, 97, 232001.	2.9	102
89	Model-independent Evidence for C and P Violation in the Phase Space of $B \rightarrow D$ Decays. Physical Review Letters, 2013, 110, 221601.	2.9	102
90	Measurement of C and P Violation in the Phase Space of $B \rightarrow D$ Decays. Physical Review Letters, 2013, 111, 101801.	2.9	101

#	ARTICLE	IF	CITATIONS
91	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1. Dalitz plot analysis of $B \rightarrow D^0 \pi^+ \pi^-$. Physical Review D, 2014, 90, .	1.6	100
92	Search for Lepton Flavor Violation in the Decay $\tilde{\nu}_\tau \rightarrow e \mu \nu$. Physical Review Letters, 2006, 96, 041801.	2.9	98
94	Observation of Excited B_c Baryons. Physical Review Letters, 2012, 109, 172003.	2.9	98
95	Dalitz-plot analysis of the decays $B \rightarrow D^0 \pi^+ \pi^-$. Physical Review D, 2005, 72, .	1.6	97
96	Angular Analysis of the $B \rightarrow D^0 \pi^+ \pi^-$ Decay. Physical Review Letters, 2021, 126, 161802.	2.9	96
97	Improved Measurement of CP Asymmetries in $B \rightarrow D^0 \pi^0$ Decays. Physical Review Letters, 2005, 94, 161803.	2.9	95
98	Measurements of the $B \rightarrow X s \gamma$ branching fraction and photon spectrum from a sum of exclusive final states. Physical Review D, 2005, 72, .	1.6	93
99	Amplitude analysis of $B \rightarrow D^0 \pi^+ \pi^-$ and $B \rightarrow D^0 \pi^+ \pi^-$. Physical Review Letters, 2006, 96, 041801.	2.9	93
100	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	92
101	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
102	Study of the $X(3872)$ and $Y(4260)$ in $B \rightarrow D^0 \pi^+ \pi^-$ and $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review D, 2006, 73, .	1.6	84
103	On the new physics reach of the decay mode $B \rightarrow D^0 \pi^+ \pi^-$. Journal of High Energy Physics, 2010, 2010, 1.	1.6	84
104	Measurements of the Mass and Width of the c -Meson and of an c (2S) Candidate. Physical Review Letters, 2004, 92, 142002.	2.9	83
105	Ganga: A tool for computational-task management and easy access to Grid resources. Computer Physics Communications, 2009, 180, 2303-2316.	3.0	83
106	Measurement of $\Upsilon(2S)$ meson production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2100.	1.4	83
107	Study of D^0 meson decays to $D^0 \pi^+ \pi^-$, $D^0 \pi^+ \pi^0$ and $D^0 \pi^+ \pi^-$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	1.6	82
108	Measurement of the $B \rightarrow D^0 \pi^+ \pi^-$ and $B \rightarrow D^0 \pi^+ \pi^-$. Physical Review Letters, 2006, 96, 041801.	2.9	82

#	ARTICLE	IF	CITATIONS
127	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. Journal of High Energy Physics, 2016, 2016, 1.		75
128	Measurement of $C \rightarrow P$ violation and the $B \rightarrow C$ decay width difference with $B \rightarrow s$ components in $B \rightarrow C$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	74
129	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
130	Measurement of resonant and $C \rightarrow P$ components in $B \rightarrow C$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	73
131	Measurement of the $\eta_c(1S)$ production cross-section in proton-proton collisions via $\eta_c(1S) \rightarrow \gamma \gamma$.		

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145	Study of the lineshape of the $B_c^0 \rightarrow B^0 \pi^0$ decay. Physical Review Letters, 2013, 108, 251802.	1.6	66
146	Evidence for the Rare Decay $B^0 \rightarrow K^* \pi^0$ and Measurement of the $B^0 \rightarrow K^* \pi^0$ Branching Fraction. Physical Review Letters, 2003, 91, 221802.	2.9	65
147	Analysis of the resonant components in $B^0 \rightarrow K^* \pi^0$ decays. Physical Review Letters, 2013, 108, 251802.	1.6	65
148	Search for the rare decay $B^0 \rightarrow K^* \pi^0$. Physical Review Letters, 2013, 108, 251802.	1.6	65
149	Measurement of the isospin asymmetry in $B^0 \rightarrow K^* \pi^0$ decays. Journal of High Energy Physics, 2012, 2012, 165		
150	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	1.6	65
151	Production of J/ψ and Υ mesons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	65
152	Observation of $B^0 \rightarrow D^0 \pi^0$ oscillation. Physical Review Letters, 2012, 108, 241801.	2.9	65
153	Measurement of $B^0 \rightarrow D^0 \pi^0$ violation in the three-body phase space of charmless $B^0 \rightarrow D^0 \pi^0$ decays. Physical Review Letters, 2012, 108, 241801.	1.6	65
154	Violation in $B^0 \rightarrow D^0 \pi^0$ decays. Physical Review Letters, 2015, 114, 041801.	2.9	65
155	Exclusive Branching-Fraction Measurements of Semileptonic $B^0 \rightarrow K^* \pi^0$ Decays into Three Charged Hadrons, $B^0 \rightarrow K^* \pi^0$, and $B^0 \rightarrow K^* \pi^0$. Physical Review Letters, 2008, 100, 011801.	2.9	64
156	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	6.5	64
157	Measurement of the electron energy spectrum and its moments in inclusive $B^0 \rightarrow X e^+ \pi^-$ decays. Physical Review D, 2004, 69, .	1.6	63
158	Dalitz plot analysis of the decay $B^0 \rightarrow K^* K^0$. Physical Review D, 2006, 74, .	1.6	63
159	First Observation of the Decay $B^0 \rightarrow K^* \pi^0$. Physical Review Letters, 2012, 108, 251802.	2.9	62
160	Determination of the Sign of the Decay Width Difference in the $B^0 \rightarrow K^* \pi^0$ System. Physical Review Letters, 2012, 108, 241801.	2.9	61
161	Measurement of $B^0 \rightarrow K^* \pi^0$ in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. Physical Review Letters, 2013, 111, 152001.	2.9	61
162	Search for the rare decays $B^0 \rightarrow K^* \pi^0$. Physical Review Letters, 2013, 111, 152001.	1.5	60

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163	Analysis of the resonant components in $B \rightarrow \pi \pi$ decays. <i>Physical Review D</i> , 2013, 87, .	1.6	60
164	Measurement of forward J/ψ production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	60
165	Observation of the Decay $B \rightarrow \pi \pi$ and Search for $X(3872) \rightarrow J/\psi \pi$. <i>Physical Review Letters</i> , 2004, 93, 041801.	2.9	59
166	Precision measurement of the $B \rightarrow \pi \pi$ oscillation frequency with the decay $B \rightarrow \pi \pi$. <i>New Journal of Physics</i> , 2013, 15, 053021.	1.2	59
167	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, .	1.6	59
168	Determination of the Branching Fraction for $B \rightarrow X c \bar{c}$, $1/2$ Decays and of $ V_{cb} $ from Hadronic-Mass and Lepton-Energy Moments. <i>Physical Review Letters</i> , 2004, 93, .	2.9	58
169	Observation of $B \rightarrow \pi^0 K^0$ and $B \rightarrow \pi^0 K^0$. <i>Physical Review Letters</i> , 2006, 97, 171805.	2.9	58
170	Measurement of the Branching Fraction and Photon Energy Moments of $B \rightarrow X s \gamma$ and $ACP(B \rightarrow X s + d \gamma^3)$. <i>Physical Review Letters</i> , 2006, 97, 171803.	2.9	58
171	Measurement of b-hadron masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 708, 241-248.	1.5	58
172	Opposite-side flavour tagging of B mesons at the LHCb experiment. <i>European Physical Journal C</i> , 2012, 72, 2022.	1.4	58
173	Measurement of J/ψ Production in Continuum e^+e^- Annihilations near $\sqrt{s} = 10.6$ GeV. <i>Physical Review Letters</i> , 2001, 87, 162002.	2.9	57
174	Evidence for an $\eta_c(1S) \pi^+ \pi^-$ resonance in $B \rightarrow \eta_c(1S) K^+ \pi^-$		

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181	Measurements of the $B \rightarrow D^0 p$ amplitude in $\bar{B} \rightarrow D^0 p$ decays. Journal of High Energy Physics, 2017, 2017, 11.6	1.5	54
182	Study of the $D^0 p$ amplitude in $\bar{B} \rightarrow D^0 p$ decays. Journal of High Energy Physics, 2017, 2017, 11.6	1.5	54
183	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	1.4	54
184	Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^* \ell^+ \ell^-$. Physical Review D, 2004, 70, .	1.6	53
185	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
186	Measurement of $\psi(2S)$ polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	1.4	53
187	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ Decay Amplitudes. Physical Review Letters, 2001, 87, 241801.	2.9	52
188	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
189	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
190	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ -Quark Production Cross Section in 7 and 13 TeV Collisions. Physical Review Letters, 2017, 118, 052002.	2.9	52
191	Measurement of the W boson mass. Journal of High Energy Physics, 2022, 2022, 1.	1.6	52
192	Measurement of Branching Fractions and Search for CP-Violating Charge Asymmetries in Charmless Two-Body B Decays into Pions and Kaons. Physical Review Letters, 2001, 87, 151802.	2.9	51
193	Measurements of Branching Fractions and CP-Violating Asymmetries in $B^0 \rightarrow \pi^+ \pi^-$ Decays. Physical Review Letters, 2003, 91, 201802.	2.9	51
194	First Observation of the Decay $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2013, 110, 151803.	2.9	51
195	Measurement of the phase difference between short- and long-distance amplitudes in the $B \rightarrow K^* \ell^+ \ell^-$ decay. European Physical Journal C, 2017, 77, 161.	1.4	51
196	Measurement of hadron fractions in 13 TeV collisions. Physical Review D, 2019, 100, .	1.6	51
197	Measurement of $B \rightarrow K^* \ell^+ \ell^-$ decay properties and search for the $B \rightarrow K^* \ell^+ \ell^-$ decay. Physical Review D, 2022, 105, .	1.6	51
198	Differential Branching Fraction and Angular Analysis of the Decay $B^0 \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2012, 108, 181806.	2.9	50

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199	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
200	Search for the doubly charmed baryon Ξ_{cc}^{++} . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
201	Precision measurement of the ratio of the Λ_{cc}^{++} to Ξ_{cc}^{++} cross sections in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.5	50
202	First observation and amplitude analysis of the Λ_{cc}^{++} baryon in proton-proton collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2012, 108, 201601.	1.6	50
203	First evidence of D_{s1} production in proton-proton collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2012, 108, 201601.	2.9	49
204	Searches for Majorana neutrinos in B^0 decays. Physical Review D, 2012, 85, .	1.6	49
205	Measurements of long-range near-side angular correlations in proton-lead collisions in the forward region. Physics Letters, Section B: Nuclear, Elementary Particle Physics, 2016, 360, 479-483.	1.6	49
206	Observation of New Resonances in the Λ_{cc}^{++} Baryon. Physical Review Letters, 2019, 123, 152001.	2.9	49
207	J/ψ production via initial state radiation in $e^+e^- \rightarrow \gamma^* \rightarrow J/\psi + \gamma$ at a center-of-mass energy near 10.6 GeV. Physical Review D, 2004, 69, .	1.6	48
208	Study of the $D_{s1}^*(2317)$ and $D_{s1}(2460)$ mesons in inclusive $e^+e^- \rightarrow J/\psi + \text{hadrons}$ production near $\sqrt{s}=10.6$ GeV. Physical Review D, 2006, 74, .	1.6	48
209	Measurement of the cross-section ratio $\sigma(\Lambda_{cc}^{++})/\sigma(\Xi_{cc}^{++})$ in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.5	50

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217	Measurements of Branching Fractions, Polarizations, and Direct CP-Violation Asymmetries in $B \rightarrow K^* \pi$ and $B \rightarrow \rho(980) K^*$ Decays. Physical Review Letters, 2006, 97, 201801.	2.9	46
218	Observation of Photon Polarization in the $b \rightarrow c s \bar{c}$ Transition. Physical Review Letters, 2014, 112, 161801.	2.9	46
219	Analysis of Neutral B^0 -Meson Decays into Two Muons. Physical Review Letters, 2022, 128, 041801.	2.9	46
220	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
221	Observation of New Λ_c^+ Baryons Decaying to $\Lambda_c^+ \rightarrow \Lambda_c^+ c \bar{c}$. Physical Review Letters, 2017, 117, 161801.	2.9	45
222	Tests of Lepton Universality Using $B \rightarrow K^* S$ and $B \rightarrow K^* \mu^+ \mu^-$. Physical Review Letters, 2022, 128, .	2.9	45
223	Measurement of the inclusive electron spectrum in charmless semileptonic B decays near the kinematic end point and determination of $ V_{ub} $. Physical Review D, 2006, 73, .	1.6	44
224	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	1.4	44
225	First Observation of Excited B_c^+ States. Physical Review Letters, 2020, 124, 082002.	2.9	44
226	Measurements of the Branching Fractions of Exclusive Charmless B Meson Decays with $\pi^+ \pi^-$ Mesons. Physical Review Letters, 2001, 87, 221802.	2.9	43
227	Search for the Decay $B \rightarrow K^* \pi^+ \pi^- \pi^+$. Physical Review Letters, 2005, 94, 101801.	2.9	43
228	Measurement of $B \rightarrow D^0 \pi^+ \pi^-$ and $B \rightarrow D^0 \pi^+ \pi^-$ Mixing Parameters and Search for $B \rightarrow D^0 \pi^+ \pi^-$ Mixing. Physical Review Letters, 2017, 118, 161801.	2.9	43
229	Study of χ_{c1} b meson production in $p p$ collisions at $\sqrt{s} = 7$ and 8 TeV. European Physical Journal C, 2014, 74, .	1.4	43
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233	Observation of $\Upsilon(4S)$ Decays to $e^+ e^- \Upsilon(1S)$ and $e^+ e^- \Upsilon(2S)$. Physical Review Letters, 2006, 96, 232001.	2.9	42
234	Observation of B^0 Meson Decay to $\Lambda^0 \pi^0$. Physical Review Letters, 2006, 97, 051802.	2.9	42

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236	Combined performance tests before installation of the ATLAS Semiconductor and Transition Radiation Tracking Detectors. Journal of Instrumentation, 2008, 3, P08003-P08003.	0.5	42
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238	Study of the $\bar{\psi}(3823)$ and $\psi(3872)$ states in $B \rightarrow \tau^+ (J/\psi + \psi(3872)) K^+$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	42
239	Amplitude analysis of the $B \rightarrow \tau^+ \nu \tau^+ \nu$ decay. Physical Review D, 2020, 101, .	1.6	42
240	Measurement of the Pseudoscalar Decay Constant f_D Using Charm-Tagged Events in e^+e^- Collisions at $\sqrt{s} = 10.58$ GeV. Physical Review Letters, 2007, 98, 141801.	2.9	41
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255	Study of J/ψ Production in Jets. <i>Physical Review Letters</i> , 2017, 118, 192001.	2.9	39
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257	Measurement of $B \rightarrow K^* \ell^+ \ell^-$ Branching Fractions and Charge Asymmetries. <i>Physical Review Letters</i> , 2002, 88, 101805.	2.9	38
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264	Amplitude analysis of the decay $B \rightarrow K^* \ell^+ \ell^-$. <i>Physical Review D</i> , 2005, 72, .	1.6	37
265	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ Branching Fraction and Determination of $ V_{ub} $ with Tagged B Mesons. <i>Physical Review Letters</i> , 2006, 97, 211801.	2.9	37
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281	Measurement of the differential branching fraction of the decay $B \rightarrow K^0 \ell^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 253-255.	1.5	35
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283	Precision Measurement of the $B \rightarrow K^0 \ell^+ \ell^-$ Lifetime. Physical Review Letters, 2013, 111, 102003.	2.9	35
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310	Search for the rare decays $B_c^0 \rightarrow \tau^+ \nu_\tau \nu_\mu \nu_\tau$ and $B_c^0 \rightarrow \tau^+ \nu_\tau \nu_\mu \nu_\tau$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 55-67.	1.5	32
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312	Observation of the decay $B_c^0 \rightarrow \tau^+ \nu_\tau \nu_\mu \nu_\tau$. Physical Review Letters, 2013, 111, 0141801.	2.9	32
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319	Search for Violations of Lorentz Invariance and $B_c^0 \rightarrow \tau^+ \nu_\tau \nu_\mu \nu_\tau$. Physical Review D, 2014, 89, .	1.5	31
320	Study of $B_c^0 \rightarrow \tau^+ \nu_\tau \nu_\mu \nu_\tau$ decays and measurement of $D_s^* \rightarrow D_s \gamma$ and $D_s(2460) \rightarrow D_s \gamma$ branching fractions. Physical Review D, 2006, 74, .	2.9	31
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323	Study of $B_c^0 \rightarrow \tau^+ \nu_\tau \nu_\mu \nu_\tau$ decays and measurement of $D_s^* \rightarrow D_s \gamma$ and $D_s(2460) \rightarrow D_s \gamma$ branching fractions. Physical Review D, 2006, 74, .	1.6	30
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346	Measurement of the total width, the electronic width, and the mass of the $\Upsilon(10580)$ resonance. Physical Review D, 2005, 72, .	1.6	28
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349	Collisions and Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ branching fraction at low dilepton mass. Physical Review Letters, 2011, 107, 211801.	2.9	28
349	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
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352	Observation of the Decays $B_c^+ \rightarrow \pi^+ K^0$ and $B_c^+ \rightarrow \pi^+ K^+$. Physical Review Letters, 2017, 119, 062001.	2.9	28
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354	Measurement of $\langle m_{\text{eff}} \rangle$ and $\langle m_{\text{eff}} \rangle^2$ for $B \rightarrow \pi \ell^+ \ell^-$ decays. Physical Review Letters, 2011, 107, 211801.	1.6	28
355	First Observation of the Decay $B \rightarrow \pi^0 \ell^+ \ell^-$ and a Measurement of $\langle m_{\text{eff}} \rangle$ and $\langle m_{\text{eff}} \rangle^2$ for $B \rightarrow \pi \ell^+ \ell^-$ decays. Physical Review Letters, 2011, 107, 211801.	2.9	28
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358	Measurements of the branching fractions of charged B decays to $K^* \ell^+ \ell^-$ final states. Physical Review D, 2004, 70, .	1.6	27
359	Measurement of the $B \rightarrow K^*(1430) \ell^+ \ell^-$ and $B \rightarrow K^*(1430) \ell^+ \ell^-$ branching fractions. Physical Review D, 2004, 70, .	1.6	27
360	Determination of $ V_{ub} $ from Measurements of the Electron and Neutrino Momenta in Inclusive Semileptonic B Decays. Physical Review Letters, 2005, 95, 111801.	2.9	27

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363	Measurement of CP violation and constraints on the CKM angle $\hat{\beta}^3$ in $B \rightarrow D K^* K^0$ decays. Nuclear Physics B, 2014, 888, 169-193.	1.5	27
364	Violation in $B \rightarrow D K^* K^0$ decays. Nuclear Physics B, 2014, 888, 169-193.	0.9	27
365	Measurement of Υ production in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	2.9	27
366	Oscillations in $B \rightarrow D K^* K^0$ decays. Nuclear Physics B, 2014, 888, 169-193.	1.4	27
367	Oscillations in $B \rightarrow D K^* K^0$ decays. Nuclear Physics B, 2014, 888, 169-193.	2.9	27
368	Measurement of Branching Fractions and Charge Asymmetries in $B \rightarrow D K^* K^0$ and $B \rightarrow D K^* K^0$ Decays, and Search for $B \rightarrow D K^* K^0$. Physical Review Letters, 2004, 93, 051802.	2.9	26
369	Search for the decay $B \rightarrow D K^* K^0$. Physical Review D, 2004, 69, .	1.6	26
370	Measurement of the $B \rightarrow D K^* K^0$ and $D_s \rightarrow K^* K^0$ branching fractions. Physical Review D, 2005, 71, .	1.6	26
371	Measurements of neutral B decay branching fractions to $K^* K^0$ final states and the charge asymmetry of $B \rightarrow D K^* K^0$. Physical Review D, 2006, 73, .	1.6	26
372	Prompt B production in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 2012, 1.	1.5	26
373	Measurement of prompt hadron production ratios in pp collisions at $\sqrt{s} = 0.9$ and 2.76 TeV. European Physical Journal C, 2012, 72, 1.	1.4	26
374	Measurement of mixing and CP violation parameters in two-body charm decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26
375	Measurement of CP asymmetries in the decays $B \rightarrow K^* K^0$ and $B \rightarrow K^* K^0$. Journal of High Energy Physics, 2014, 2014, .	1.6	26
376	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	2.9	26
377	Measurements of the B^+ , B^0 , B_s^0 meson and Λ_b^0 baryon lifetimes. Journal of High Energy Physics, 2014, 2014, .	1.6	26
378	Angular analysis of charged and neutral $B \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26

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380	Measurement of the Direct CP Asymmetry in $B^0 \rightarrow \pi^0 \pi^0$ Decays. Physical Review Letters, 2004, 93, 021804.	2.9	25
381	The ATLAS Transition Radiation Tracker (TRT) proportional drift tube: design and performance. Journal of Instrumentation, 2008, 3, P02013-P02013.	0.5	25
382	Measurements of the branching fractions for $B \rightarrow \pi \pi$ decays. Physical Review Letters, 2004, 93, 021804.	2.9	25
383	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2421.	1.4	25
384	Observation of the decay $B_c^+ \rightarrow \pi^+ K^+ K^0$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	25
385	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
386	Searches for Λ_b^0 and Ξ_b^0 decays to $K_{\text{S}}^0 \pi^+$ and $K_{\text{S}}^0 \pi^0$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{S}}^0 \pi^+$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
387	Observation of the Annihilation Decay Mode $B^0 \rightarrow \pi^+ \pi^-$. Physical Review Letters, 2017, 118, 081801.	2.9	25
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389	Observation of $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review Letters, 2017, 118, 111803.	2.9	25
390	Search for the Rare Decays $B^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^+ \pi^-$. Physical Review Letters, 2002, 88, 241801.	2.9	24
391	Study of the Rare Decays $B^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^+ \pi^-$. Physical Review Letters, 2003, 90, 181803.	2.9	24
392	Measurement of time-dependent CP-violating asymmetries and constraints on $\sin 2\beta$ with partial reconstruction of $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2005, 71, .	1.6	24
393	Measurements of the branching fractions of $B^0 \rightarrow \pi^0 \pi^0$ decays. European Physical Journal C, 2013, 73, 2462.	1.4	24
394	Observations of $B^0 \rightarrow \pi^0 \pi^0$ decays. European Physical Journal C, 2013, 73, 2462.	0.9	24
395	Observation of $B^0 \rightarrow \pi^0 \pi^0$ decays and measurement of the θ_{13} mixing angle. Physical Review Letters, 2014, 112, 091802.	2.9	24
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435	A precise measurement of the B^0 meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.4	21
436	Measurement of the properties of the $\Lambda_c^+ \rightarrow \Lambda_c^0 \pi^+$ baryon. Journal of High Energy Physics, 2016, 2016, .	1.6	21
437	Observation of the decay $B \rightarrow D^* \pi^+ \pi^-$ and evidence for $B \rightarrow D^* \pi^+ \pi^-$. Physical Review D, 2017, 95.	1.6	21
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442	Measurements of the branching fraction and CP-violation asymmetries in $B \rightarrow D^* \pi^0$ KSO. Physical Review Letters, 2005, 94, 041802.	2.9	20
443	Measurement of the branching fraction and the CP-violating asymmetry for the decay $B \rightarrow D^* \pi^0$. Physical Review D, 2005, 71, .	1.6	20
444	Measurement of time-dependent CP asymmetries in $B \rightarrow D^* \pi^0$ and $B \rightarrow D^* \pi^0$ decays. Physical Review D, 2006, 73, .	1.6	20
445	Search for CP violation in $B \rightarrow D^* \pi^0$ KSO. Physical Review Letters, 2005, 94, 041802.	1.6	20
446	Measurement of the inclusive π^+ cross-section in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 94, 041802.	1.5	20
447	Measurements of the branching fractions and CP asymmetries of $B \rightarrow D^* \pi^0$ KSO and $B \rightarrow D^* \pi^0$ KSO decays. Physical Review D, 2012, 85, .	1.6	20
448	First observation of $B \rightarrow D^* \pi^0$ KSO. Physical Review D, 2013, 88, .	1.6	20

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451	Measurement of Indirect χ Asymmetries in $B^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2014, 112, 041801.	2.9	20
452	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ mass and of the relative rate of $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^0 \pi^0$ production. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	20
453	Search for CP violation in $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2015, 112, 041801.	2.9	20
454	Study of B_c^+ decays to the $K^+ K^0 \pi^+$ final state and evidence for the decay $B_c^+ \rightarrow \pi^+ K^0 \pi^+$. <i>Physical Review D</i> , 2016, 94, .	1.6	20
455	Search for the lepton-flavour violating decay $D^0 \rightarrow \pi^+ e^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 754, 167-175.	1.5	20
456	Measurement of CP observables in $B^0 \rightarrow \pi^+ \pi^- K^0$ and $B^0 \rightarrow \pi^+ \pi^- K^0$ with two- and four-body D decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 760, 117-131.	1.5	20
457	Studies of the resonance structure in $B^0 \rightarrow \pi^+ \pi^- K^0$ decays. <i>Physical Review D</i> , 2016, 93, .	1.6	20
458	First Experimental Study of Photon Polarization in Radiative B_s^0 Decays. <i>Physical Review Letters</i> , 2017, 118, 021801.	2.9	20
459	Measurement of the CP Violation Parameter A_{FB}^0 in $D^0 \rightarrow K^+ K^- \pi^0$ and $D^0 \rightarrow \pi^+ \pi^- \pi^0$ Decays. <i>Physical Review Letters</i> , 2017, 118, 261803.	2.9	20
460	Evidence for the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	20
461	Measurement of CP asymmetries in two-body $B(s) \rightarrow \pi^+ \pi^-$ meson decays to charged pions and kaons. <i>Physical Review D</i> , 2018, 98, .	1.6	20
462	Precision measurement of the $B^0 \rightarrow \pi^+ \pi^-$ decay. <i>Physical Review Letters</i> , 2018, 121, 021801.	1.6	20
463	Updated measurement of time-dependent CP-violating observables in $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	20
464	Observation of a New Excited $B^0 \rightarrow \pi^+ \pi^-$ Meson in $B^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2021, 126, 122002.	2.9	20
465	Straw tube drift-time properties and electronics parameters for the ATLAS TRT detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000, 449, 446-460.	0.7	19
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467	Measurement of the Time-Dependent CP Asymmetry in the $B^0 \rightarrow \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , 2004, 93, 071801.	2.9	19
468	Dalitz plot analysis of $D^0 \rightarrow K^+ K^- \pi^0$. <i>Physical Review D</i> , 2005, 72, .	1.6	19

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470	Measurements of the branching fractions of the decays $B_s \rightarrow D_s \mu^+ \mu^-$ and $B_s \rightarrow D_s \mu^+ \mu^-$. Journal of High Energy Physics, 2012, 2012, .	1.6	19
471	First Measurement of the $C \rightarrow P$ -Violating Phase in $B \rightarrow s \gamma$. Physical Review Letters, 2013, 110, 241802.	2.9	19
472	Measurement of the branching fractions of the decays $B \rightarrow D^0 K^*$ and $B \rightarrow D^* K^*$. Physical Review D, 2013, 87, .	1.6	19
473	Search for CP violation in the decay $B \rightarrow D^0 \mu^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	1.5	19
474	Resonances and CP violation in $B \rightarrow D^0 \mu^+ \mu^-$ decays in the mass region above the $\bar{D}^*(1020)$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	19
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477	Observation of excited b baryons in $B \rightarrow D^0 \mu^+ \mu^-$. Physical Review Letters, 2004, 92, 061801.	1.6	19
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482	Measurement of the $B \rightarrow D^0 K^*$ branching fraction and angular amplitudes. Physical Review D, 2012, 86, .	1.6	18
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484	Measurement of $C \rightarrow P$ violation in $B \rightarrow s \gamma$ decays. Physical Review D, 2014, 90, .	1.6	18
485	Measurement of forward $W \rightarrow e \mu$ production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
486	Observation of $\bar{D}^*(1S)$ production in pp collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	1.5	18

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488	Measurement of the mass and production rate of Λ_c^+ and Λ_c^0 resonances with the decays $\Lambda_c^+ \rightarrow \Lambda_c^+ \gamma$ and $\Lambda_c^0 \rightarrow \Lambda_c^0 \gamma$. Physical Review D, 2019, 99, .	1.6	18
489	Search for Lepton-Flavor Violating Decays $B \rightarrow K^* \mu^+ \mu^- e^+ e^-$. Physical Review Letters, 2019, 123, 241802.	2.9	18
490	First branching fraction measurement of the suppressed decay $B \rightarrow K^* \mu^+ \mu^- e^+ e^-$. Physical Review D, 2020, 102, .	1.6	18
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492	Measurements of branching fractions in $B \rightarrow K^* \mu^+ \mu^- e^+ e^-$ and search for direct CP violation in $B \rightarrow K^* \mu^+ \mu^- e^+ e^-$. Physical Review D, 2004, 69, .	1.6	17
493	Search for the Rare Leptonic Decay $B \rightarrow K^* \mu^+ \mu^- e^+ e^-$. Physical Review Letters, 2005, 95, 041804.	2.9	17
494	Measurement of Branching Fractions and Charge Asymmetries in $B \rightarrow K^* \mu^+ \mu^- e^+ e^-$ and Search for $B \rightarrow K^* \mu^+ \mu^- e^+ e^-$. Physical Review Letters, 2005, 95, 131803.	2.9	17
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496	The ATLAS TRT electronics. Journal of Instrumentation, 2008, 3, P06007-P06007.	0.5	17
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498	Observation of $B \rightarrow K^* \mu^+ \mu^- e^+ e^-$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	1.4	17
499	Measurement of the effective $B \rightarrow K^* \mu^+ \mu^- e^+ e^-$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 349-356.	0.9	17
500	Observation of $B \rightarrow K^* \mu^+ \mu^- e^+ e^-$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	0.9	17
501	Measurement of the $B \rightarrow K^* \mu^+ \mu^- e^+ e^-$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 349-356.	1.0	17
502	Measurement of the $B \rightarrow K^* \mu^+ \mu^- e^+ e^-$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 349-356.	2.9	17
503	Search for the decay $B \rightarrow K^* \mu^+ \mu^- e^+ e^-$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
504	Study of the rare $B \rightarrow K^* \mu^+ \mu^- e^+ e^-$ and $B \rightarrow K^* \mu^+ \mu^- e^+ e^-$ decays into the $\Lambda_c^+ \Lambda_c^+ \mu^+ \mu^- e^+ e^-$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 46-55.	1.5	17

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506	Observation of $\bar{B} \rightarrow b \bar{c} (2S) p K^+$ and $\bar{B} \rightarrow b \bar{c} / \bar{D} \rightarrow \bar{c} p K^+$ decays and a measurement of the $\bar{B} \rightarrow b \bar{c} p$ baryon mass difference in $\bar{B} \rightarrow b \bar{c} p$ decays. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
507	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
508	Study of charmonium production in $B \rightarrow b$ -hadron decays and first evidence for the decay $B \rightarrow \phi \phi \phi$. European Physical Journal C, 2017, 77, 609.	1.4	17
509	Improved limit on the branching fraction of the rare decay $B \rightarrow \mu^+ \mu^- K^+ K^-$. European Physical Journal C, 2017, 77, 678.	1.4	17
510	Observation of the $\bar{B} \rightarrow \bar{c} p K^+$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	17
511	Measurement of the B_{\pm}^0 production cross-section in pp collisions at $\sqrt{s} = 7$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, .	1.6	17
512	Search for the rare decay $B \rightarrow \mu^+ \mu^- K^+ K^-$. Physical Review Letters, 2003, 90, 221801.	1.6	17
513	Measurement of the $B \rightarrow \mu^+ \mu^- K^+ K^-$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.6	17
514	Measurement of the $B \rightarrow \mu^+ \mu^- K^+ K^-$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.6	17
515	Measurement of the Branching Fraction, and Bounds on the CP-Violating Asymmetries, of Neutral B Decays to $D^* \bar{A} \pm D^* \bar{A}$. Physical Review Letters, 2003, 90, 221801.	2.9	16
516	Evidence for $B \rightarrow \mu^+ \mu^- p \bar{A}$ and Search for $B \rightarrow \mu^+ \mu^- p p \bar{A}$. Physical Review Letters, 2003, 90, 231801.	2.9	16
517	Branching Fractions and CP Asymmetries in $B \rightarrow K^+ K^- K^0$ and $B \rightarrow K^+ K^- K^0 K^0$. Physical Review Letters, 2004, 93, 181805.	2.9	16
518	Search for CP violation and a measurement of the relative branching fraction in $D \rightarrow K^+ K^- \bar{K}^0$ decays. Physical Review D, 2005, 71, .	1.6	16
519	Measurement of the $B \rightarrow D^* \bar{A}$ lifetime and the $B \rightarrow D^* \bar{A}$ oscillation frequency using partially reconstructed $B \rightarrow D^* \bar{A}$, $B \rightarrow D^* \bar{A}$, $B \rightarrow D^* \bar{A}$ decays. Physical Review D, 2006, 73, .	1.6	16
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521	Measurement of the $B \rightarrow D^* \bar{A}$ lifetime in the $B \rightarrow D^* \bar{A}$ decays. Physical Review D, 2006, 73, .	1.6	16
522	Measurement of the $B \rightarrow D^* \bar{A}$ lifetime in the $B \rightarrow D^* \bar{A}$ decays. Physical Review D, 2006, 73, .	1.6	16

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524	Evidence for the decay $B \rightarrow K^* \ell^+ \ell^-$. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	16
525	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	16
526	Study of \bar{t} production in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	16
527	Search for the Rare Decays $B \rightarrow K^* \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2020, 124, 211802.	1.6	16
528	Measurement of $B \rightarrow K^* \ell^+ \ell^-$ production in pp collisions at $\sqrt{s} = 8$ TeV. <i>Chinese Physics C</i> , 2020, 44, 022001.	1.5	16
529	Search for B-meson decays to two-body final states with a $\phi(980)$ mesons. <i>Physical Review D</i> , 2004, 70, .	1.6	15
530	Measurement of the Branching Fraction of $B \rightarrow K^* \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2005, 95, 042001.	2.9	15
531	Measurement of the branching ratios $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$. <i>Physical Review D</i> , 2005, 72, .	1.6	15
532	Measurement of the ratio $B \rightarrow K^* \ell^+ \ell^-$ and of the CP asymmetry of $B \rightarrow K^* \ell^+ \ell^-$ decays. <i>Physical Review D</i> , 2005, 71, .	1.6	15
533	Search for $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$ decays. <i>Physical Review D</i> , 2006, 74, .	1.6	15
534	Measurement of Branching Fractions and Resonance Contributions for $B \rightarrow K^* \ell^+ \ell^-$ and Search for $B \rightarrow K^* \ell^+ \ell^-$ Decays. <i>Physical Review Letters</i> , 2006, 96, 011803.	2.9	15
535	Observation of the suppressed ADS modes $B \rightarrow K^* \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2006, 96, 011803.	1.5	15
536	Measurement of the branching fractions and CP asymmetries in $B \rightarrow K^* \ell^+ \ell^-$ decays. <i>Physical Review Letters</i> , 2006, 96, 011803.	1.5	15
537	Measurement of the branching fractions and CP asymmetries in $B \rightarrow K^* \ell^+ \ell^-$ decays. <i>Physical Review Letters</i> , 2006, 96, 011803.	1.5	15
538	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. <i>Physical Review Letters</i> , 2014, 113, 082003.	2.9	15
539	Measurement of CP violation parameters and polarisation fractions in $B \rightarrow K^* \ell^+ \ell^-$ decays. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	15
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560	Study of $B_{(s)}^0 \rightarrow K^0 \pi^0$ decays with first observation of $B_{(s)}^0 \rightarrow K^0 \pi^0 \pi^0$ and $B_{(s)}^0 \rightarrow K^0 \pi^0 \pi^0$. Journal of High Energy Physics, 2013, 2013, .	1.6	14
561	A study of the Z production cross-section in pp collisions at $\sqrt{s}=7, \text{TeV}$ using tau final states. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
562	Measurement of CP violation parameters in $B^0 \rightarrow D^0 K^0$ decays. Physical Review D, 2014, 90, .	1.6	14
563	Measurement of the B^0 Meson Lifetime in $D_s^+ \rightarrow K^+ \pi^0$ Decays. Physical Review Letters, 2014, 113, 172001.	2.9	14
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565	Measurement of CP asymmetry in $B_s^0 \rightarrow D_s^+ K^{\pm}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	14
566	Study of CP violation in $B^0 \rightarrow D^0 K^0$ ($h=K, \pi$) with the modes $D^0 \rightarrow K^+ K^-$, $D^0 \rightarrow \pi^+ \pi^-$ and $D^0 \rightarrow K^+ K^-$. Physical Review D, 2015, 91, .	1.6	14
567	Measurement of the branching fraction ratio $B(B_c \rightarrow \pi^0 \pi^0) / B(B_c \rightarrow \pi^+ \pi^-)$. Physical Review D, 2015, 92, .	1.6	14
568	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	14
569	Observation of the $B^0 \rightarrow \pi^0 \pi^0$ decay from an amplitude analysis of $B^0 \rightarrow (\pi^+ \pi^-) (\pi^+ \pi^-)$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	1.5	14
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571	Study of $\pi(2S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
572	First Observation of a Baryonic $B^0 \rightarrow K^0 \pi^0$ decay. Physical Review Letters, 2017, 119, 041802.	1.6	14
573	A measurement of the CP asymmetry difference between $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2018, 2018, .	1.6	14
574	Measurement of the CKM angle $\hat{\beta}_3$ using $B^0 \rightarrow D^0 K^0$ with $D^0 \rightarrow K^+ K^-$, $D^0 \rightarrow \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	14
575	Amplitude Analysis of the Decay $B^0 \rightarrow K^0 \pi^0$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K^0 \pi^0$. Physical Review Letters, 2018, 120, 261801.	2.9	14
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615	Study of High Momentum Λ^0 Production in $B^0 \rightarrow \Lambda^0 X$ s. Physical Review Letters, 2004, 93, 061801.	2.9	12
616	Search for B^0 Decays to Invisible Final States and to $\Lambda^0 \Lambda^0$. Physical Review Letters, 2004, 93, 091802.	2.9	12
617	Searches for B^0 Decays to Combinations of Two Charmless Isoscalar Mesons. Physical Review Letters, 2004, 93, 181806.	2.9	12
618	Measurements of Branching Fractions and CP-Violating Asymmetries in B Meson Decays to Charmless Two-Body States Containing K^0 . Physical Review Letters, 2004, 92, 201802.	2.9	12
619	Branching Fraction and CP Asymmetries of $B^0 \rightarrow K^0 K^0 K^0$. Physical Review Letters, 2005, 95, 011801.	2.9	12
620	Search for Radiative Penguin Decays $B^+ \rightarrow \pi^+ \pi^0 \pi^0$, $B^0 \rightarrow \pi^0 \pi^0 \pi^0$, and $B^0 \rightarrow \pi^0 \pi^0 \pi^0$. Physical Review Letters, 2005, 94, 011801.	2.9	12
621	Measurement of the $B^0 \rightarrow D^{*+} \pi^-$ decay rate and $ V_{cb} $. Physical Review D, 2005, 71, .	1.6	12
622	Measurement of CP observables for the decays $B^0 \rightarrow D^0 K^+ K^-$. Physical Review D, 2005, 72, .	1.6	12
623	Branching fraction measurements of charged B decays to $K^+ K^+ K^0$, $K^+ K^+ K^+$, $K^+ K^+ K^0$ and $K^+ K^+ K^0$ final states. Physical Review D, 2006, 74, .	1.6	12
624	Searches for B^0 decays to $K^0 \pi^0 \pi^0$, $K^0 \pi^0 \pi^0$, and $K^0 \pi^0 \pi^0$. Physical Review D, 2006, 74, .	1.6	12
625	Branching fraction limits for B^0 decays to $K^0 \pi^0 \pi^0$ and $K^0 \pi^0 \pi^0$. Physical Review D, 2006, 73, .	1.6	12
626	Search for the decay $B^+ \rightarrow \pi^+ \pi^0 \pi^0$. Physical Review D, 2006, 73, .	1.6	12
627	Search for the charmed pentaquark candidate $\tilde{c}(3100)^0$ in $e^+ e^-$ annihilations at $\sqrt{s} = 10.58$ GeV. Physical Review D, 2006, 73, .	1.6	12
628	Measurement of CP observables for the decays $B^0 \rightarrow D^0 K^+ K^-$. Physical Review D, 2006, 73, .	1.6	12
629	First Observation of the Decays $B^0 \rightarrow D^0 K^+ K^-$ and $B^0 \rightarrow D^0 K^+ K^-$. Physical Review Letters, 2012, 108, 161801.	1.2	12
630	Branching fraction and CP asymmetry of the decays $B^0 \rightarrow D^0 K^+ K^-$. Physics Letters, Secti	1.5	12

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633	Measurement of the time-dependent CP asymmetries in $B \rightarrow \pi^0 K^+ K^0$. Journal of High Energy Physics, 2015, 2015, .	1.6	12
634	Measurement of the time-dependent CP asymmetries in $B \rightarrow \pi^0 K^+ K^0$. Journal of High Energy Physics, 2015, 2015, .	1.6	12
635	A new algorithm for identifying the flavour of B^0 mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	0.5	12
636	Measurement of $B \rightarrow C^+ P^-$ Violation in $B \rightarrow \pi^+ K^0$ decays. Physical Review Letters, 2016, 117, 261801.	2.9	12
637	Search for B_c^+ decays to the $p\bar{p}4\ell^+$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	1.5	12
638	Observation of $B_c \rightarrow \pi^+ D^{(*)} K^{(*)}$ decays. Physical Review D, 2017, 95, .	1.6	12
639	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12
640	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
641	Amplitude analysis of $B^0 \rightarrow \pi^+ K^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
642	Measurement of the meson production fraction and asymmetry in 7 and 13 TeV pp collisions. Physical Review D, 2019, 100, .	1.6	12
643	Branching fraction measurements of $B \rightarrow \pi^+ K$ decays. Physical Review D, 2004, 70, .	1.6	11
644	Measurement of the Branching Fraction and Polarization for the Decay $B \rightarrow \pi^+ D^0 K^+$. Physical Review Letters, 2004, 92, 141801.	2.9	11
645	Production and Decay of B^0 at BABAR. Physical Review Letters, 2005, 95, 142003.	2.9	11
646	Measurements of CP-violating asymmetries and branching fractions in B decays to $K\pi$. Physical Review D, 2006, 74, .	1.6	11
647	Measurement of branching fractions in radiative B decays to $K^0 \pi^0$ and search for B decays to $K^0 \pi^0 \pi^0$. Physical Review D, 2006, 74, .	1.6	11
648	Study of $B \rightarrow \pi^+ D^* K^0$ and $B \rightarrow \pi^+ D^* K^+$ decays. Physical Review D, 2013, 87, .	1.6	11

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650	Observation of associated production of a Z boson with a D meson in the forward region. <i>Journal of High Energy Physics</i> , 2014, 2014, .	1.6	11
651	Search for the decay $B \rightarrow D^* K$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 728, 234-243.	1.5	11
652	Measurement of the $B \rightarrow D^* K$ branching fraction and search for the decay $B \rightarrow D^* K$. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	11
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654	Measurements of charm mixing and CP violation using $B \rightarrow D^* K$ decays. <i>Physical Review D</i> , 2017, 95, .	1.6	11
655	Observation of the decay $B \rightarrow D^* K$ and a search for CP violation. <i>Journal of High Energy Physics</i> , 2017, 2017, .	1.6	11
656	New algorithms for identifying the flavour of B^0 mesons using pions and protons. <i>European Physical Journal C</i> , 2017, 77, 238.	1.4	11
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658	Search for CP violation using triple product asymmetries in $B \rightarrow D^* K^*(K^* \rightarrow K^+ K^-)$ and $B \rightarrow D^* K^*(K^* \rightarrow K^+ K^-)$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	11
659	First observation of $B \rightarrow D^* K^*(K^* \rightarrow K^+ K^-)$ decays and a search for $B \rightarrow D^* K^*(K^* \rightarrow K^+ K^-)$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	11
660	Amplitude analysis of the $B \rightarrow D^* K^*(K^* \rightarrow K^+ K^-)$ decays and measurement of the branching fraction of the $B \rightarrow D^* K^*(K^* \rightarrow K^+ K^-)$ decay. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	11
661	Measurements of CP asymmetries in charmless four-body $B \rightarrow D^* K^*(K^* \rightarrow K^+ K^-)$ decays. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	11
662	Search for the rare decay $B \rightarrow D^* K^*(K^* \rightarrow K^+ K^-)$. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	11
663	A search for $B \rightarrow D^* K^*(K^* \rightarrow K^+ K^-)$ decays. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	11
664	Measurement of the $B \rightarrow D^* K^*(K^* \rightarrow K^+ K^-)$ angular distribution and the $B \rightarrow D^* K^*(K^* \rightarrow K^+ K^-)$ polarisation in pp collisions. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	11
665	Precise determination of the $B \rightarrow D^* K^*(K^* \rightarrow K^+ K^-)$ oscillation frequency. <i>Nature Physics</i> , 2022, 18, 1-5.	6.5	11
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696	Search for the Rare Leptonic Decay $B \rightarrow \bar{K}^0 K^+ K^+$. Physical Review Letters, 2004, 92, 221803.	2.9	9
697	Measurement of the branching fractions for inclusive $B \rightarrow \bar{K}^0 K^+ K^+$ and $B \rightarrow \bar{K}^0 K^+ K^+$ decays to flavor-tagged D, D_s , and \bar{c} . Physical Review D, 2004, 70, .	1.6	9
698	Search for the decay $\bar{B} \rightarrow \bar{K}^0 K^+ K^+$. Physical Review D, 2005, 72, .	1.6	9
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701	Observation of Decays $B \rightarrow \bar{K}^0 K^+ K^+$ and $B \rightarrow \bar{K}^0 K^+ K^+$. Physical Review Letters, 2007, 98, 081801.	2.9	9
702	Search for the reaction $e^+e^- \rightarrow \bar{K}^0 K^+ K^+$ and $e^+e^- \rightarrow \bar{K}^0 K^+ K^+$. Physical Review D, 2007, 75, .	1.6	9

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707	Observation of the $B_s \rightarrow \bar{D}^0 K^0$ Decay. <i>Physical Review Letters</i> , 2015, 115, 051801.	2.9	9
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712	Observation of the Decay $B \rightarrow \bar{D}^0 K^0$. <i>Physical Review Letters</i> , 2017, 118, 071801.	2.9	9
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715	Measurement of the $\Lambda(nS)$ polarizations in pp collisions at $\sqrt{s} = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	9
716	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , 2018, 78, 1008.	1.4	9
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718	Searching new physics in rare B-meson decays into multiple muons. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	9
719	Search for CP Violation in $D_s \rightarrow \bar{K}^0 \ell^+ \ell^-$, $D \rightarrow \bar{K}^0 K^0 \ell^+ \ell^-$, and $D \rightarrow \bar{K}^0 \ell^+ \ell^-$ Decays. <i>Physical Review Letters</i> , 2019, 122, 191803.	2.9	9
720	Observation of $B \rightarrow \bar{K}^* K^0$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	2.9	9

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725	Observation of new excited $B^0_{(s)}$ states. European Physical Journal C, 2021, 81, .	1.4	9
726	Search for time-dependent $C \rightarrow P$ violation in $B \rightarrow D^0 K^0$ and $B \rightarrow D^0 K^*$. Physical Review D, 2021, 104, .	1.6	9
727	Measurement of prompt charged-particle production in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	9
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729	Search for the W-exchange decays $B \rightarrow D_s^{(*)} \bar{D}_s^{(*)}$. Physical Review D, 2005, 72, .	1.6	8
730	Study of $B \rightarrow K^* D^*$ interference in the decay $B \rightarrow K^* D^*$. Physical Review D, 2005, 72, .	1.6	8
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735	Observation of the $B \rightarrow K^* K^* \ell^+ \ell^-$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	8
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740	Measurement of CP asymmetries in $D_{s1}^{\pm} \rightarrow \mu^{\pm} \mu^{\pm} \mu^{\pm}$ and $D_{s1}^{\pm} \rightarrow \mu^{\pm} \mu^{\pm} \mu^{\pm}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	1.5	8
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751	Measurement of Time-Dependent CP Asymmetries in $B \rightarrow D^{(*)} \mu^+ \mu^-$ Decays. Physical Review Letters, 2005, 95, 131802.	2.9	7
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753	Search for the radiative decay $B \rightarrow \mu^+ \mu^- \gamma$. Physical Review D, 2005, 72, .	1.6	7
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761	Observation of $B \rightarrow \bar{a}^{\pm} \bar{K}^{\pm}$ and $B \rightarrow \bar{a}^{\pm} \bar{K}^{\pm}$ decays. European Physical Journal C, 2017, 77, 72.	1.4	7
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763	Measurement of the time-integrated CP asymmetry in $D \rightarrow K^0 S$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	7
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765	Study of the $B \rightarrow \bar{a}^{\pm} \bar{K}^{\pm}$ decay with an amplitude analysis of $B \rightarrow \bar{a}^{\pm} (K^+ \bar{K}^{\pm})$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
766	Observation of the $\Lambda_b^0 \rightarrow \bar{a}^{\pm} \bar{K}^{\pm}$ (3872) p \bar{K}^{\pm} decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
767	Search for CP violation through an amplitude analysis of $D \rightarrow \bar{a}^{\pm} K^+ \bar{K}^{\pm}$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
768	Measurement of the electron reconstruction efficiency at LHCb. Journal of Instrumentation, 2019, 14, P11023-P11023.	0.5	7
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780	Observation of $B_s^0 \rightarrow D^* K^* S^0$ and Evidence for $B_s^0 \rightarrow D^* K^* S^0$ Decays. Physical Review Letters, 2016, 116, 161802.	2.9	6
781	Measurement of the $B^{\pm} \rightarrow D^* K^* K^{\pm}$ production asymmetry and the CP asymmetry in $B^{\pm} \rightarrow D^* K^* K^{\pm}$ decays. Physical Review D, 2017, 95, .	1.6	6
782	Search for Baryon-Number Violating $B \rightarrow D^* K^* \pi^0$ Oscillations. Physical Review Letters, 2017, 119, 181807.	2.9	6
783	Updated branching fraction measurements of $B^0 \rightarrow D^* K^* S^0$ decays. Journal of High Energy Physics, 2017, 2017, .	1.6	6
784	Observation of the decay $B^0 \rightarrow D^* K^* \pi^0$ and evidence for $B^0 \rightarrow D^* K^* \pi^0$. Journal of High Energy Physics, 2017, .	1.6	6
785	Measurement of $Z \rightarrow \tau^+ \tau^-$ production in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
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788	Measurement of CP violation in the $B_s^0 \rightarrow \pi^+ \pi^-$ decay and search for the $B^0 \rightarrow \pi^+ \pi^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
789	Measurement of the CKM angle $\hat{\phi}_3$ in $B^{\pm} \rightarrow D^* K^* K^{\pm}$ and $B^{\pm} \rightarrow D^* \bar{K}^0 K^{\pm}$ decays with $D \rightarrow K^* K^* \pi^0$. Journal of High Energy Physics, 2021, 2021, 1.	1.6	6
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794	Measurement of $\chi_{c1}(3872)$ production in proton-proton collisions at $\sqrt{s} = 8$ and 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
795	Measurement of the photon polarization in $B_c^+ \rightarrow \gamma \chi_{c1}(3872)$ decays. Physical Review D, 2022, 105, .	1.6	6
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798	Measurements of B-meson decays to $K^+ \pi^0$. Physical Review D, 2005, 71, .	1.6	5
799	Measurement of the branching fraction and decay rate asymmetry of $B_c^+ \rightarrow D^0 \bar{K}^0$. Physical Review D, 2005, 72, .	1.6	5
800	Distributed analysis in ATLAS using GANGA. Journal of Physics: Conference Series, 2010, 219, 072002.	0.3	5
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802	Measurement of the $B_c^+ \rightarrow D_s^+ D^0$ and $B_c^+ \rightarrow D_s^+ \bar{D}^0$ branching fractions. Physical Review D, 2016, 93, .	1.6	5
803	First observation of the decay $B_c^+ \rightarrow K^+ S^0$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1. 5	1.6	5
804	Measurement of D_s^+ production asymmetry in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
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806	Measurement of CP observables in the process $B_c^+ \rightarrow DK^0$ with two- and four-body D decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
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