

# Ulrik Egede

## List of Publications by Year in descending order

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Version: 2024-02-01

880  
papers

43,505  
citations

2671

95  
h-index

4641

170  
g-index

899  
all docs

899  
docs citations

899  
times ranked

11983  
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 $J/\psi$ 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 $B^0 \rightarrow K^* \rho^0 \rho^0$ decay using 3 fb <sup>-1</sup> of integrated luminosity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	304
20	Measurement of the Ratio of the $B^0 \rightarrow D^* \rho^0$ and $B^0 \rightarrow D^* \rho^0$ decays. Physical Review Letters, 2018, 120, 171802.	2.9	204
21	First Evidence for the Decay $B^0 \rightarrow D^* \rho^0$ . 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 Fraction and Search for $B^0 \rightarrow D^* \rho^0$ . Physical Review Letters, 2013, 111, 101805.	2.9	258
24	Averages of b-hadron, c-hadron, and $B_s$ -lepton properties as of 2018. European Physical Journal C, 2021, 81, 1.	1.4	248
25	Measurement of the CP Asymmetry Amplitudes in $B^0 \rightarrow \rho^0 \rho^0$ . Physical Review Letters, 2002, 89, 201802.	2.9	247
26	Evidence of a Broad Structure at an Invariant Mass of 4.32 GeV/c <sup>2</sup> in the Reaction $e^+e^- \rightarrow B^0 \rho^0$ Measured at BABAR. Physical Review Letters, 2007, 98, 212001.	2.9	247
27	Measurement of $J/\psi$ 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 $B^0 \rho^0$ . Physical Review Letters, 2013, 111, 101805.	2.9	234
29	Measurement of the $B^0 \rightarrow D^* \rho^0$ decay. Physical Review Letters, 2013, 111, 101805.		

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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 $J/\psi \chi_{c0}$ Structures Consistent with Exotic States from Amplitude Analysis of $B \rightarrow J/\psi K$ Decays. <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 $B \rightarrow X_s \gamma$ , $B \rightarrow X_s \gamma$ 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 $B \rightarrow K^* \bar{K}^0$ . <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 $e^+e^- \rightarrow \gamma^* \rightarrow B \bar{B}$ process using initial state radiation with BABAR. <i>Physical Review D</i> , 2004, 70, .	1.6	138
52	Search for Hidden-Sector Bosons in $B \rightarrow K^* \bar{K}^0$ . <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 $B \rightarrow K^* \bar{K}^0$ , $B \rightarrow K^* \bar{K}^0$ and $B \rightarrow K^* \bar{K}^0$ . <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 $\Lambda_{cc}^{++}$ and $\Sigma_{cc}^{++}$ 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	$\Lambda_c^+ \bar{\Lambda}_c^+$ 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 $\Lambda_{cc}^{++} \rightarrow \Lambda_c^+ \bar{\Lambda}_c^+$ . 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 $J/\psi$ polarization in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2631.	1.4	117
68	Amplitude analysis of the $B \rightarrow D^0 K^0$ decay. Physical Review D, 2020, 102, .	1.6	117
69	Measurement of hadron production fractions in $\sqrt{s} = 7$ TeV. Physical Review D, 2007, 75, 011101.	1.6	116
70	Measurement of $B \rightarrow D^0 K^0$ 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 <sup>2</sup> . Physical Review Letters, 2007, 98, 012001.	2.9	114
72	Evidence for the decay $X \rightarrow D^0 p$ . Physical Review Letters, 2007, 98, 012001.	0.9	114

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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 $13\hat{A}TeV$ $\langle \mathit{mml:math} \mathit{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \mathit{display="inline"} \langle \mathit{mml:mi} \mathit{p} \langle \mathit{mml:mi} \mathit{p} \langle \mathit{mml:mi} \mathit{p} \langle \mathit{mml:mi} \mathit{p} \langle \mathit{mml:math} \rangle \rangle \rangle \rangle$ Collisions. Physical Review Letters, 2018, 120, 061801.	2.9	113
75	Differential branching fraction and angular analysis of the decay $B^0 \hat{1}^+ K \hat{1}^- \hat{1}^4 + \hat{1}^4 \hat{1}^-$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	111
76	Updated measurements of exclusive $J/\psi$ and $\psi(2S)$ production cross-sections in $pp$ collisions at $\sqrt{s}=7\hat{T}eV$ . Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 055002.	1.4	111
77	Model-independent Study of Structure in $B \rightarrow D^* \ell \bar{\nu}_\ell$ $\langle \mathit{mml:math} \mathit{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \mathit{display="inline"} \langle \mathit{mml:msup} \langle \mathit{mml:mi} \mathit{B} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:msup} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:math} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ Evidence for Exotic Hadron Contributions to $B \rightarrow D^* \ell \bar{\nu}_\ell$ $\langle \mathit{mml:math} \mathit{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \mathit{display="inline"} \langle \mathit{mml:msubsup} \langle \mathit{mml:mi} \mathit{B} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:msubsup} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:math} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$	2.9	111
78	Evidence for Exotic Hadron Contributions to $B \rightarrow D^* \ell \bar{\nu}_\ell$ $\langle \mathit{mml:math} \mathit{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \mathit{display="inline"} \langle \mathit{mml:msubsup} \langle \mathit{mml:mi} \mathit{B} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:msubsup} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:math} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ Violating Phase $\langle \mathit{mml:math} \mathit{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \mathit{display="inline"} \langle \mathit{mml:msubsup} \langle \mathit{mml:mi} \mathit{B} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:msubsup} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:math} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$	2.9	110
79	Measurement of $B \rightarrow D^* \ell \bar{\nu}_\ell$ $\langle \mathit{mml:math} \mathit{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \mathit{display="inline"} \langle \mathit{mml:msubsup} \langle \mathit{mml:mi} \mathit{B} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:msubsup} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:math} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ in the $pp$ collisions at $\sqrt{s}=7\hat{T}eV$ . Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 055002.	2.9	108
80	Study of the doubly charmed tetraquark $_{cc}^{\bar{b}\bar{b}} \langle \mathit{mml:math} \mathit{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \mathit{display="inline"} \langle \mathit{mml:msubsup} \langle \mathit{mml:mi} \mathit{B} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:msubsup} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:math} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ . Nature Communications, 2022, 13, .	5.8	107
81	Measurement of $J/\psi$ production in $pp$ collisions at $\sqrt{s}=7\hat{T}eV$ . European Physical Journal C, 2012, 72, 2025.	1.4	106
82	Search for Majorana Neutrinos in $B \rightarrow \ell \bar{\nu}_\ell \hat{1}^4 \hat{1}^4$ Decays. Physical Review Letters, 2014, 112, 131802.	2.9	106
83	First Observation of $B \rightarrow D^* \ell \bar{\nu}_\ell$ $\langle \mathit{mml:math} \mathit{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \mathit{display="inline"} \langle \mathit{mml:mi} \mathit{C} \langle \mathit{mml:mi} \mathit{P} \langle \mathit{mml:math} \rangle \rangle \rangle$ Violation in the Decays of $B \rightarrow D^* \ell \bar{\nu}_\ell$ $\langle \mathit{mml:math} \mathit{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \mathit{display="inline"} \langle \mathit{mml:msubsup} \langle \mathit{mml:mi} \mathit{B} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:msubsup} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:math} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ . 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 $J/\psi$ and $\psi(2S)$ production in $pp$ collisions at $\sqrt{s}=7\hat{T}eV$ . 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 $\sqrt{s}=7\hat{T}eV$ . Journal of High Energy Physics, 2012, 2012, 1.	1.6	103
87	Differential branching fraction and angular analysis of the decay $B \rightarrow D^* \ell \bar{\nu}_\ell \hat{1}^4 + \hat{1}^4 \hat{1}^-$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	103
88	Observation of an Excited Charm Baryon $\Lambda_c^* \rightarrow \Lambda_c \ell \bar{\nu}_\ell$ . Physical Review Letters, 2006, 97, 232001.	2.9	102
89	Model-independent Evidence for $B \rightarrow D^* \ell \bar{\nu}_\ell$ $\langle \mathit{mml:math} \mathit{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \mathit{display="inline"} \langle \mathit{mml:mi} \mathit{J} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:msubsup} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:math} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ Contributions to $B \rightarrow D^* \ell \bar{\nu}_\ell$ $\langle \mathit{mml:math} \mathit{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \mathit{display="inline"} \langle \mathit{mml:msubsup} \langle \mathit{mml:mi} \mathit{B} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:msubsup} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:math} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$	2.9	102
90	Measurement of $B \rightarrow D^* \ell \bar{\nu}_\ell$ $\langle \mathit{mml:math} \mathit{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \mathit{display="inline"} \langle \mathit{mml:mi} \mathit{C} \langle \mathit{mml:mi} \mathit{P} \langle \mathit{mml:math} \rangle \rangle \rangle$ Violation in the Phase Space of $B \rightarrow D^* \ell \bar{\nu}_\ell$ $\langle \mathit{mml:math} \mathit{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \mathit{display="inline"} \langle \mathit{mml:msup} \langle \mathit{mml:mi} \mathit{B} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:mi} \mathit{+} \langle \mathit{mml:msup} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:mi} \mathit{D} \langle \mathit{mml:math} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ . 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 $B \rightarrow D^0 K^0$ decays. Physical Review D, 2014, 90, .	1.6	100
92	Search for Lepton Flavor Violation in the Decay $\tilde{\nu}_\tau \rightarrow e \tilde{\nu}_\tau$ . 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 $B \rightarrow D^0 K^0$ . Physical Review D, 2005, 72, .	1.6	97
96	Angular Analysis of the $B \rightarrow D^0 K^0$ Decay. Physical Review Letters, 2021, 126, 161802.	2.9	96
97	Improved Measurement of CP Asymmetries in $B \rightarrow D^0 K^0$ Decays. Physical Review Letters, 2005, 94, 161803.	2.9	95
98	Measurements of the $B \rightarrow D^0 K^0$ branching fraction and photon spectrum from a sum of exclusive final states. Physical Review D, 2005, 72, .	1.6	93
99	Amplitude analysis of $B \rightarrow D^0 K^0$ decays. Physical Review D, 2017, 95, .	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 Mass and Width of the $\tilde{c}$ Meson and of an $\tilde{c}(2S)$ Candidate. Physical Review Letters, 2004, 92, 142002.	1.6	89
102	Ganga: A tool for computational-task management and easy access to Grid resources. Computer Physics Communications, 2009, 180, 2303-2316.	1.6	84
103	Measurement of $\tilde{\nu}(2S)$ meson production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2100.	1.6	84
104	Study of $D^0$ meson decays to $D^0 \pi^+ \pi^-$ , $D^0 \pi^+ \pi^0$ and $D^0 \pi^+ \pi^+ \pi^-$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	2.9	83
105	Measurement of the $B \rightarrow D^0 K^0$ decays. Physical Review D, 2017, 95, .	3.0	83
106	Study of $D^0$ meson decays to $D^0 \pi^+ \pi^-$ , $D^0 \pi^+ \pi^0$ and $D^0 \pi^+ \pi^+ \pi^-$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	1.4	83
107	Measurement of the $B \rightarrow D^0 K^0$ decays. Physical Review D, 2017, 95, .	1.6	82
108	Measurement of the $B \rightarrow D^0 K^0$ decays. Physical Review D, 2017, 95, .	2.9	82



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109	Differential branching fraction and angular analysis of $B^0 \rightarrow \rho^0 \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2015, 2015, .	1.6	82
110	Search for the Decays $B \rightarrow \rho^0 \pi^+ \pi^-$ and $B \rightarrow \rho^0 \pi^+ \pi^-$ . Physical Review Letters, 2017, 118, 251802.	2.9	81
111	Observation of a narrow meson decaying to $D_s \pi^0$ at a mass of 2.458 GeV/c <sup>2</sup> . Physical Review D, 2004, 69, .	1.6	80
112	Search for a charged partner of the $X(3872)$ in the $B$ meson decay $B \rightarrow X^+ K^0$ . Physical Review D, 2005, 71, .	1.6	80
113	Observation of Overlapping Spin-1 and Spin-3 Dalitz plot analysis of $B \rightarrow D^0 \pi^+ \pi^-$ . Physical Review D, 2015, 92, .	2.9	80
114	Measurement of the Cabibbo-Kobayashi-Maskawa Angle $\beta$ in $B^0 \rightarrow D^+ \pi^-$ Decays with a Dalitz Analysis of $D^+ \rightarrow K^0 \pi^+ \pi^-$ . Physical Review Letters, 2005, 95, 121802.	1.6	80
115	Search for long-lived scalar particles in $B \rightarrow K^0 \pi^+ \pi^-$ . Physical Review Letters, 2014, 112, 011801.	2.9	79
116	Violation in the Phase Space of $B \rightarrow K^0 \pi^+ \pi^-$ . Physical Review Letters, 2014, 112, 011801.	1.6	79
117	Search for Structure in the $B \rightarrow K^0 \pi^+ \pi^-$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	2.9	78
118	Time-integrated and time-dependent angular analyses of $B \rightarrow K^0 \pi^+ \pi^-$ : A measurement of $\cos^2 \delta$ with no sign ambiguity from strong phases. Physical Review D, 2005, 71, .	1.6	77
119	First observation of $B \rightarrow \rho^0 \pi^+ \pi^-$ resonance. Physical Review Letters, 2018, 121, 072002.	1.6	77
120	Measurement of the Lifetime of the Doubly Charmed Baryon $\Lambda_{cc}^+$ . Physical Review Letters, 2018, 121, 072002.	2.9	77
121	Measurement of the Lifetime of the Doubly Charmed Baryon $\Lambda_{cc}^+$ . Physical Review Letters, 2018, 121, 072002.	2.9	76
122	Measurement of the Lifetime of the Doubly Charmed Baryon $\Lambda_{cc}^+$ . Physical Review Letters, 2018, 121, 072002.	2.9	75
123	Measurement of the Lifetime of the Doubly Charmed Baryon $\Lambda_{cc}^+$ . Physical Review Letters, 2018, 121, 072002.	2.9	75
124	Measurement of the Lifetime of the Doubly Charmed Baryon $\Lambda_{cc}^+$ . Physical Review Letters, 2018, 121, 072002.	2.9	75
125	Measurement of the Lifetime of the Doubly Charmed Baryon $\Lambda_{cc}^+$ . Physical Review Letters, 2018, 121, 072002.	2.9	75
126	Measurement of the Lifetime of the Doubly Charmed Baryon $\Lambda_{cc}^+$ . Physical Review Letters, 2018, 121, 072002.	2.9	75



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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 ratio. 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 $J/\psi$ 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
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 $\bar{B} \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2003, 91, 221802.	1.6	66
146	Evidence for the Rare Decay $B \rightarrow D^* \ell \bar{\nu}_\ell$ and Measurement of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ Branching Fraction. Physical Review Letters, 2003, 91, 221802.	2.9	65
147	Analysis of the resonant components in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2003, 91, 221802.	1.6	65
148	Search for the rare decay $B \rightarrow D^* \ell \bar{\nu}_\ell$ . Physical Review Letters, 2003, 91, 221802.	1.6	65
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151	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
152	Observation of $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2012, 108, 251802.	2.9	65
153	Measurement of $B \rightarrow D^* \ell \bar{\nu}_\ell$ violation in the three-body phase space of charmless $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2012, 108, 251802.	1.6	65
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155	Exclusive Branching-Fraction Measurements of Semileptonic $B \rightarrow D^* \ell \bar{\nu}_\ell$ Decays into Three Charged Hadrons, $B \rightarrow D^* \ell \bar{\nu}_\ell$ , and $B \rightarrow D^* \ell \bar{\nu}_\ell$ . 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 $B \rightarrow X e \ell \bar{\nu}_\ell$ decays. Physical Review D, 2004, 69, .	1.6	63
158	Dalitz plot analysis of the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$ . Physical Review D, 2006, 74, .	1.6	63
159	First Observation of the Decay $B \rightarrow D^* \ell \bar{\nu}_\ell$ . Physical Review Letters, 2012, 108, 251802.	2.9	62
160	Determination of the Sign of the Decay Width Difference in the $B \rightarrow D^* \ell \bar{\nu}_\ell$ System. Physical Review Letters, 2012, 108, 241801.	2.9	61
161	Measurement of $B \rightarrow D^* \ell \bar{\nu}_\ell$ in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. Physical Review Letters, 2013, 111, 152001.	2.9	61
162	Search for the rare decays $B \rightarrow D^* \ell \bar{\nu}_\ell$ . Physical Review Letters, 2013, 111, 152001.	1.5	60

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164	Measurement of forward $J/\psi$ 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 $B \rightarrow \pi \pi$ -Kand Search for $X(3872) \rightarrow J/\psi \pi$ . <i>Physical Review Letters</i> , 2004, 93, 041801.	2.9	59
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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
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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
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174	Evidence for an $\eta_c(1S) \pi^+ \pi^-$ resonance in $B \rightarrow \eta_c(1S) K^+ \pi^-$		

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183	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	1.6	53
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 $Z \ell^+ \ell^-$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.4	53
186	Measurement of $\psi(2S)$ polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	2.9	52
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189	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.	2.9	52
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232	Observation of an Excited $B_c^+$ State. Physical Review Letters, 2019, 122, 232001.	2.9	43
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238	Study of the $\bar{\chi}(3823)$ and $\chi(3872)$ states in $B \rightarrow \tau^+ (J/\psi + \bar{\chi}) K^+$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	42
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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
258	Measurement of CP Asymmetries in $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* K^0$ decays. <i>Physical Review D</i> , 2005, 71, .	1.6	38
259	Search for $\psi(3770) \rightarrow D^0 \bar{D}^0$ production in 7 TeV pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 718, 902-909.	2.9	38
260	Amplitude Analysis of $B \rightarrow K^* \ell^+ \ell^-$ Decays. <i>Physical Review Letters</i> , 2019, 123, 231802.	2.9	38
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263	Amplitude analysis of the decay $B \rightarrow K^* \ell^+ \ell^-$ . <i>Physical Review D</i> , 2005, 72, .	1.6	37
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266	Production of associated $\Upsilon$ and open charm hadrons in pp collisions at $\sqrt{s} = 7$ and 8 TeV via double parton scattering. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	37
267	Prompt and nonprompt $J/\psi$ production and nuclear modification in p-Pb collisions at $\sqrt{s} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 774, 159-178.	1.5	37
268	Search for Lepton-Flavor and Lepton-Number Violation in the Decay $\tau \rightarrow \mu \nu \nu$ . <i>Physical Review Letters</i> , 2005, 95, 191801.	2.9	36
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277	Measurements of CP-Violating Asymmetries and Branching Fractions in Meson Decays to $\ell^+ \ell^- K$ . Physical Review Letters, 2003, 91, 161801.	2.9	35
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291	Search for the Rare Decay $B_0\rightarrow\bar{D}^*D^0$ at BABAR. Physical Review Letters, 2006, 96, 241802.	2.9	34
292	Measurement of the $\langle\sigma\rangle$ of $B_0\rightarrow\bar{D}^*D^0$ Decays. Physical Review Letters, 2006, 96, 241802.	1.5	34
293	Measurement of the flavour-specific CP-violating asymmetry $A_{CP}^{\text{flavour-specific}}$ in $B_0\rightarrow\bar{D}^*D^0$ decays. Physical Review Letters, 2006, 96, 241802.	1.5	34
294	Measurement of the CP-violating phase $\alpha_1$ in $B_0\rightarrow\bar{D}^*D^0$ decays. Physical Review Letters, 2006, 96, 241802.	1.5	34
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299	Limits on the Decay-Rate Difference of Neutral B Mesons and on CP, T, and CPT Violation in $B_0\rightarrow\bar{D}^*D^0$ Oscillations. Physical Review Letters, 2004, 92, 181801.	2.9	33
300	Measurement of the CP-violating phase $\alpha_1$ in $B_0\rightarrow\bar{D}^*D^0$ decays. Physical Review Letters, 2006, 96, 241802.	1.5	33
301	Search for direct CP violation in $B_0\rightarrow\bar{D}^*D^0$ decays. Physical Review Letters, 2006, 96, 241802.	1.5	33
302	Search for the rare decay $B_0\rightarrow\bar{D}^*D^0$ modes using semileptonic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	1.5	33
303	Searches for violation of lepton flavour and baryon number in tau lepton decays at LHCb. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	1.5	33
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308	Search for the rare decays $B_c \rightarrow \tau \nu_\tau$ and $B_c \rightarrow \tau \nu_\tau$ . Physical Review Letters, 2001, 87, 151801.	2.9	33
309	Measurement of the Decays $B_c \rightarrow \tau \nu_\tau$ and $B_c \rightarrow \tau \nu_\tau$ . Physical Review Letters, 2001, 87, 151801.	2.9	32
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311	Search for the Lepton-Flavor-Violating Decays $B_s \rightarrow e \mu \nu_e \nu_\mu$ and $B \rightarrow e \mu \nu_e \nu_\mu$ . Physical Review Letters, 2013, 111, 0141801.	1.1	32
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364	Violation in $B \rightarrow D K$ decays. Nuclear Physics B, 2014, 888, 169-193.	0.9	27
365	Measurement of $\Upsilon$ production in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	2.9	27
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367	Oscillations in $B \rightarrow D K$ decays. Nuclear Physics B, 2014, 888, 169-193.	2.9	27
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488	Measurement of the mass and production rate of $\Lambda_c^+$ and $\Lambda_c^0$ 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
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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
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