

# Bogdan Popovici

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/873602/publications.pdf>

Version: 2024-02-01

388  
papers

20,137  
citations

11651

70  
h-index

17592

121  
g-index

392  
all docs

392  
docs citations

392  
times ranked

8662  
citing authors

#	ARTICLE	IF	CITATIONS
1	Test of Lepton Universality Using $B \rightarrow K^* \mu^+ \mu^-$ Observation of $J/\psi \rightarrow \mu^+ \mu^-$	7.8	845
2	Resonances Consistent with Pentaquark States in $B \rightarrow \mu^+ \mu^-$	7.8	816
3	$B \rightarrow \mu^+ \mu^-$		

#	ARTICLE	IF	CITATIONS
19	Strong Constraints on the Rare Decays $B \rightarrow s \gamma$ . <i>Physical Review Letters</i> , 2012, 108, 231801.	7.8	160
20	Observation of $X(3872)$ production in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	153
21	Consistent with Exotic States from Amplitude Analysis of $B \rightarrow J/\psi K$ Structures. <i>Physical Review Letters</i> , 2015, 115, 161802.	7.8	150
22	Search for Hidden-Sector Bosons in $B \rightarrow K^* \mu^+ \mu^-$ . <i>Physical Review Letters</i> , 2015, 115, 161802.	7.8	138
23	Implications of LHCb measurements and future prospects. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	137
24	Measurement of the track reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2015, 10, P02007-P02007.	1.2	127
25	$B \rightarrow J/\psi K$ -pair production in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 707, 52-59.	4.1	123
26	Measurement of $J/\psi$ polarization in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 2631.	3.9	117
27	Measurement of hadron production fractions in $7 \text{ TeV}$ $B \rightarrow J/\psi K$ . <i>Physical Review D</i> , 2013, 87, 012002.	4.7	116
28	Evidence for the decay $B \rightarrow J/\psi K^* \rightarrow J/\psi K \pi$ . <i>Physical Review D</i> , 2013, 87, 012002.	4.1	115
29	Measurement of $B \rightarrow J/\psi K^* \rightarrow J/\psi K \pi$ branching fraction. <i>Physical Review D</i> , 2013, 87, 012002.	2.5	114
30	Differential branching fraction and angular analysis of the decay $B \rightarrow J/\psi K^* \rightarrow J/\psi K \pi$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	111
31	Updated measurements of exclusive $J/\psi$ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s}=7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014, 41, 055002.	3.6	111
32	Precision luminosity measurements at LHCb. <i>Journal of Instrumentation</i> , 2014, 9, P12005-P12005.	1.2	110
33	Measurement of the $B \rightarrow J/\psi K^* \rightarrow J/\psi K \pi$ branching fraction. <i>Physical Review D</i> , 2013, 87, 012002.	7.8	110
34	Measurement of $B \rightarrow J/\psi K^* \rightarrow J/\psi K \pi$ branching fraction. <i>Physical Review D</i> , 2013, 87, 012002.	7.8	108
35	Measurement of $\psi(2S)$ production in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 2025.	3.9	106
36	Search for Majorana Neutrinos in $B \rightarrow J/\psi K^* \rightarrow J/\psi K \pi$ Decays. <i>Physical Review Letters</i> , 2014, 112, 131802.	7.8	106

#	ARTICLE	IF	CITATIONS
37	First Observation of $C \rightarrow P$ Violation in the Decays of $B_c$ Mesons. <i>Physical Review Letters</i> , 2013, 110, 221601.	7.8	105
38	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , 2015, 11, 743-747.	16.7	105
39	Exclusive $J/\psi$ and $\psi(2S)$ production in $pp$ collisions at $\sqrt{s} = 7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2013, 40, 045001.	3.6	104
40	Observation of double charm production involving open charm in $pp$ collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	103
41	Differential branching fraction and angular analysis of the decay $B_c \rightarrow \psi(2S) \psi(2S)$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	103
42	Model-Independent Evidence for $J/\psi$ Contributions to $B_c \rightarrow P$ . <i>Physical Review Letters</i> , 2013, 111, 101801.	7.8	102
43	Measurements of prompt charm production cross-sections in $pp$ collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	7.8	101
44	Amplitude analysis of $B_c \rightarrow D^* \psi(2S)$ . <i>Physical Review Letters</i> , 2012, 109, 172003.	4.7	100
45	Observation of Excited $B_c$ Mesons. <i>Physical Review Letters</i> , 2012, 109, 172003.	4.7	99
46	Amplitude analysis of $B_c \rightarrow D^* \psi(2S)$ . <i>Physical Review Letters</i> , 2012, 109, 172003.	7.8	98
47	Measurement of the fragmentation fraction ratio $f_s/f_d$ and its dependence on B meson kinematics. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	92
48	Measurement of $\psi(2S)$ meson production in $pp$ collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 2100.	4.7	89
49	Study of $D^* J$ meson decays to $D^* \psi(2S)$ , $D^* \psi(2S)$ and $D^* \psi(2S)$ final states in $pp$ collisions. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	82
50	Measurement of the $B_c \rightarrow D^* \psi(2S)$ branching fraction and angular analysis. <i>Physical Review Letters</i> , 2013, 111, 101801.	7.8	82
51	Differential branching fraction and angular analysis of $B_c \rightarrow \psi(2S) \psi(2S)$ decays. <i>Journal of High Energy Physics</i> , 2015, 2015, .	4.7	82
52	Search for the Decays $B_c \rightarrow D^* \psi(2S)$ and $B_c \rightarrow D^* \psi(2S)$ . <i>Physical Review Letters</i> , 2013, 111, 101801.	7.8	81
53	Observation of Overlapping Spin-1 and Spin-3 Mesons. <i>Physical Review Letters</i> , 2014, 113, 162001.	7.8	80

#	ARTICLE	IF	CITATIONS
55	<p>Dalitz plot analysis of <math>B \rightarrow D^+ \bar{K}^0</math> decays. <i>Physical Review Letters</i>, 2014, 112, 011801.</p> <p>Search for long-lived scalar particles in <math>B \rightarrow D^+ \bar{K}^0</math> decays. <i>Physical Review Letters</i>, 2014, 112, 011801.</p>	4.7	80
56	<p>Search for long-lived scalar particles in <math>B \rightarrow D^+ \bar{K}^0</math> decays. <i>Physical Review Letters</i>, 2014, 112, 011801.</p> <p>Search for long-lived scalar particles in <math>B \rightarrow D^+ \bar{K}^0</math> decays. <i>Physical Review Letters</i>, 2014, 112, 011801.</p>	4.7	79
57	<p>Violation in the Phase Space of <math>B \rightarrow P</math> decays. <i>Physical Review Letters</i>, 2014, 112, 011801.</p> <p>Violation in the Phase Space of <math>B \rightarrow P</math> decays. <i>Physical Review Letters</i>, 2014, 112, 011801.</p>	7.8	78
58	<p>Search for Structure in the <math>B \rightarrow s</math> Mass Spectrum. <i>Physical Review Letters</i>, 2016, 117, 152003.</p> <p>Search for Structure in the <math>B \rightarrow s</math> Mass Spectrum. <i>Physical Review Letters</i>, 2016, 117, 152003.</p>	4.7	78
59	<p>Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. <i>Chinese Physics C</i>, 2016, 40, 011001.</p> <p>Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. <i>Chinese Physics C</i>, 2016, 40, 011001.</p>	3.7	77
60	<p>Measurements of <math>B \rightarrow c</math> and Mass with the <math>B \rightarrow c</math> decay width difference with <math>B \rightarrow s</math> decays. <i>Physical Review Letters</i>, 2012, 109, 121801.</p> <p>Measurements of <math>B \rightarrow c</math> and Mass with the <math>B \rightarrow c</math> decay width difference with <math>B \rightarrow s</math> decays. <i>Physical Review Letters</i>, 2012, 109, 121801.</p>	7.8	75
61	<p>Observation of CP violation in <math>B \rightarrow s</math> decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2012, 712, 203-212.</p> <p>Observation of CP violation in <math>B \rightarrow s</math> decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2012, 712, 203-212.</p>	4.7	75
62	<p>Measurements of the S-wave fraction in <math>B \rightarrow K^+ \bar{K}^0</math> decays and the <math>B \rightarrow K^+ \bar{K}^0</math> differential branching. <i>Journal of High Energy Physics</i>, 2016, 2016, 1.</p> <p>Measurements of the S-wave fraction in <math>B \rightarrow K^+ \bar{K}^0</math> decays and the <math>B \rightarrow K^+ \bar{K}^0</math> differential branching. <i>Journal of High Energy Physics</i>, 2016, 2016, 1.</p>	4.7	75
63	<p>Measurement of <math>B \rightarrow P</math> violation and the <math>B \rightarrow s</math> decay width difference with <math>B \rightarrow s</math> decays. <i>Physical Review Letters</i>, 2012, 109, 121801.</p> <p>Measurement of <math>B \rightarrow P</math> violation and the <math>B \rightarrow s</math> decay width difference with <math>B \rightarrow s</math> decays. <i>Physical Review Letters</i>, 2012, 109, 121801.</p>	4.7	74
64	<p>Study of <math>J/\psi</math> production and cold nuclear matter effects in pPb collisions at <math>\sqrt{s_{NN}} = 5</math> TeV. <i>Journal of High Energy Physics</i>, 2014, 2014, 1.</p> <p>Study of <math>J/\psi</math> production and cold nuclear matter effects in pPb collisions at <math>\sqrt{s_{NN}} = 5</math> TeV. <i>Journal of High Energy Physics</i>, 2014, 2014, 1.</p>	4.7	74
65	<p>Measurement of resonant and <math>B \rightarrow P</math> components in <math>B \rightarrow s</math> decays. <i>Physical Review Letters</i>, 2012, 109, 121801.</p> <p>Measurement of resonant and <math>B \rightarrow P</math> components in <math>B \rightarrow s</math> decays. <i>Physical Review Letters</i>, 2012, 109, 121801.</p>	4.7	73
66	<p>Measurement of the <math>B \rightarrow s</math> production cross-section in proton-proton collisions via <math>B \rightarrow s</math> decays. <i>Physical Review Letters</i>, 2012, 109, 121801.</p> <p>Measurement of the <math>B \rightarrow s</math> production cross-section in proton-proton collisions via <math>B \rightarrow s</math> decays. <i>Physical Review Letters</i>, 2012, 109, 121801.</p>	4.7	73
67	<p>Measurement of the <math>B \rightarrow s</math> production cross-section in proton-proton collisions via <math>B \rightarrow s</math> decays. <i>Physical Review Letters</i>, 2012, 109, 121801.</p> <p>Measurement of the <math>B \rightarrow s</math> production cross-section in proton-proton collisions via <math>B \rightarrow s</math> decays. <i>Physical Review Letters</i>, 2012, 109, 121801.</p>		

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73	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	69
74	Measurement of the resonant and non-resonant components in $B \rightarrow D^* P$ decays. Journal of High Energy Physics, 2015, 2015, 1.	4.7	67
75	Search for the resonant components in $B \rightarrow D^* P$ decays. Journal of High Energy Physics, 2015, 2015, 1.	4.7	65
76	Measurement of the isospin asymmetry in $B \rightarrow D^* P$ decays. Journal of High Energy Physics, 2012, 2012, 165	4.7	65
77	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	4.7	65
78	Production of $J/\psi$ and $\Upsilon$ mesons in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	65
79	Observation of $B \rightarrow D^* P$ oscillation. Physical Review Letters, 2012, 108, 251802.	7.8	65
80	Measurements of $B \rightarrow D^* P$ violation in the three-body phase space of charmless $B \rightarrow D^* P$ decays. Physical Review Letters, 2015, 114, 041801.	4.7	65
81	Precision measurement of $B \rightarrow D^* P$ violation in $B \rightarrow D^* P$ decays. Physical Review Letters, 2015, 114, 041801.	7.8	65
82	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	16.7	64
83	First Observation of the Decay $B \rightarrow D^* P$ . Physical Review Letters, 2012, 108, 251802.	7.8	62
84	Determination of the Sign of the Decay Width Difference in the $B \rightarrow D^* P$ Oscillation. Physical Review Letters, 2012, 108, 241801.	7.8	61
85	Measurement of $B \rightarrow D^* P$ in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2015, 114, 132001.	7.8	61
86	Measurement of $B \rightarrow D^* P$ oscillation. Physical Review Letters, 2015, 114, 132001.	4.1	60
87	Analysis of the resonant components in $B \rightarrow D^* P$ decays. Physical Review D, 2013, 87, .	4.7	60
88	Measurement of forward $J/\psi$ production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
89	Precision measurement of the $B \rightarrow D^* P$ oscillation frequency with the decay $B \rightarrow D^* P$ . New Journal of Physics, 2013, 15, 053021.	2.9	59

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91	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, .	4.7	59
92	Measurement of b-hadron masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	4.1	58
93	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	3.9	58
94	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. Journal of High Energy Physics, 2012, 2012, .	4.7	56
95	Observation of a Resonance in $B \rightarrow \pi^0 \pi^0$ decays. Journal of High Energy Physics, 2013, 2013, 1.	7.8	51
96	Observation of $B \rightarrow \pi^0 \pi^0$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	55
97	Measurement of $B \rightarrow \pi^0 \pi^0$ decay amplitudes and the $B \rightarrow \pi^0 \pi^0$ CP asymmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 27-35.	4.1	54
98	Study of the $D^0 \rightarrow \pi^+ \pi^-$ amplitude in $B^0 \rightarrow \pi^+ \pi^- D^0$ decays. Journal of High Energy Physics, 2017, 2017, 14.7	4.7	54
99	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	3.9	54
100	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.	4.7	53
101	Measurement of $\psi(2S)$ $\Upsilon(2S)$ polarisation in $pp$ collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2014, 74, 2872.	3.9	53
102	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	52
103	Measurement of the exclusive $\Upsilon$ production cross-section in pp collisions at $\sqrt{s}=7$ TeV and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	52
104	Measurement of the $b \rightarrow c$ Quark Production Cross Section in 7 and 13 TeV $pp$ collisions. Physical Review Letters, 2017, 118, 052002.	7.8	52
105	Measurement of $B \rightarrow \pi^0 \pi^0$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	51
106	Measurement of the phase difference between short- and long-distance amplitudes in the $B^+ \rightarrow \pi^+ K^0$ decay. European Physical Journal C, 2017, 77, 161.	3.9	51
107	Differential Branching Fraction and Angular Analysis of the Decay $B^0 \rightarrow \pi^+ \pi^-$ . Physical Review Letters, 2012, 108, 181806.	7.8	50
108	Measurement of B meson production cross-sections in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	50

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109	Search for the doubly charmed baryon $\Xi_{cc}^{\{+\}}$ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	50
110	Precision measurement of the ratio of the $\frac{B_{cs}}{B_{cd}}$ to $\frac{B_{cs}}{B_{cd}}$ First observation and amplitude analysis of the $B_{cs}^0 \rightarrow \pi^+ \pi^- \mu^+ \mu^-$ acceleration $B_{cs}^0 \rightarrow \pi^+ \pi^- \mu^+ \mu^-$ display="inline"><math>\frac{B_{cs}}{B_{cd}}</math> stretchy="false"> $\frac{B_{cs}}{B_{cd}}$	4.1	50
111	First Evidence of Direct $B_{cs}^0 \rightarrow \pi^+ \pi^- \mu^+ \mu^-$ display="inline"><math>B_{cs}^0 \rightarrow \pi^+ \pi^- \mu^+ \mu^-</math> stretchy="false"> $B_{cs}^0 \rightarrow \pi^+ \pi^- \mu^+ \mu^-$	4.7	50
112	Two-Body Decays of $B_{cs}^0 \rightarrow \pi^+ \pi^- \mu^+ \mu^-$ display="inline"><math>B_{cs}^0 \rightarrow \pi^+ \pi^- \mu^+ \mu^-</math> Physical Review Letters, 2012, 108, 201601.	7.8	49
113	Searches for Majorana neutrinos in $B_{cs}^0$ decays. Physical Review D, 2012, 85, .	4.7	49
114	Measurements of long-range near-side angular correlations in $p$ - $Pb$ proton-lead collisions in the forward region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 362, 473-483	4.1	49
115	$B_{cs}^0 \rightarrow \pi^+ \pi^- \mu^+ \mu^-$ display="inline"><math>B_{cs}^0 \rightarrow \pi^+ \pi^- \mu^+ \mu^-</math> stretchy="false"> $B_{cs}^0 \rightarrow \pi^+ \pi^- \mu^+ \mu^-$		



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127	Absolute luminosity measurements with the LHCb detector at the LHC. Journal of Instrumentation, 2012, 7, P01010-P01010.	1.2	41
128	First observation of the decay $B_c^+ \rightarrow \psi(K^+)$ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	41
129	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	3.9	41
130	Measurement of the CP-violating phase $\arg(V_{cb} V_{cs}^*)$ . Journal of High Energy Physics, 2014, 2014, 1.	4.1	40
131	Search for Lepton Number Violating Decays $B \rightarrow \tau^+ \tau^- \nu \nu$ and $B \rightarrow K^+ \tau^+ \tau^- \nu$ . Physical Review Letters, 2012, 108, 101601.	7.8	39
132	Precision Measurement of the Mass and Lifetime of the $B_c^+$ . Physical Review Letters, 2014, 113, 242002.	7.8	39
133	Study of the kinematic dependences of $\hat{b} \rightarrow c$ production in pp collisions and a measurement of the $\hat{b} \rightarrow c$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	4.7	39
134	Study of $B_c^+$ production in Jets. Physical Review Letters, 2017, 118, 192001.	7.8	39
135	Search for $B_c^+ \rightarrow \tau^+ \nu$ decays. Physical Review Letters, 2014, 113, 242002.	4.7	38
136	Measurement of the $B_c^+$ production asymmetry in 7 TeV pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 902-909.	4.1	38
137	Measurement of the forward-backward asymmetry in $Z \rightarrow \tau^+ \tau^-$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	4.7	37
138	Production of associated Y and open charm hadrons in pp collisions at $\sqrt{s} = 7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	4.7	37
139	First observation of the decay $B \rightarrow \tau^+ \tau^- \nu$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	36
140	Measurement of the relative rate of prompt $\tau^+ c_0$ , $\tau^+ c_1$ and $\tau^+ c_2$ production at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	36
141	Amplitude analysis and branching fraction measurement of $B_c^+ \rightarrow \tau^+ \nu$ decays. Physical Review Letters, 2014, 113, 032001.	4.7	36
142	Precision Measurement of the Mass and Lifetime of the $B_c^+$ Baryon. Physical Review Letters, 2014, 113, 032001.	7.8	36
143	First measurement of the differential branching fraction and CP asymmetry of the $B_c^+ \rightarrow \tau^+ \nu$ decay. Journal of High Energy Physics, 2015, 2015, .	4.7	36
144	Measurement of the CKM angle $\hat{\beta}^3$ from a combination of $B_c^+$ production asymmetry and $B_c^+ \rightarrow \tau^+ \nu$ analyses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 151-163.	4.1	35

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145	Measurement of the differential branching fraction of the decay $\bar{B} \rightarrow D^* \ell^+ \nu_\ell$ . Evidence for the decay $\bar{B} \rightarrow D^* \ell^+ \nu_\ell$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 25-33.	4.1	35
146	Precision Measurement of the $B \rightarrow D^* \ell^+ \nu_\ell$ Lifetime. Physical Review Letters, 2013, 111, 102003.	2.5	35
148	Observation of the $\bar{B} \rightarrow D^* \ell^+ \nu_\ell$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
149	Model-independent confirmation of the $B \rightarrow D^* \ell^+ \nu_\ell$ decay. Journal of High Energy Physics, 2015, 2015, 92, .	4.7	35
150	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 5$ TeV. Journal of High Energy Physics, 2017, 2017, .	4.7	35
151	Measurement of the CP-violating phase $\arg(B_{cb})$ . Journal of High Energy Physics, 2017, 2017, 1.	4.1	34
152	Measurement of the CP-violating phase $\arg(B_{cb})$ . Journal of High Energy Physics, 2017, 2017, 1.	4.1	34
153	Addendum: Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.1	34
154	Addendum: Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	34
155	Measurement of the $J/\psi$ pair production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	34
156	Measurement of the CP-violating phase $\arg(B_{cb})$ . Journal of High Energy Physics, 2017, 2017, 1.	4.1	33
157	Search for the rare decay $B \rightarrow D^* \ell^+ \nu_\ell$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 15-24.	4.1	33
158	Search for the rare decay $B \rightarrow D^* \ell^+ \nu_\ell$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	4.1	33
159	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.	4.1	33
160	Study of $\bar{B} \rightarrow D^* \ell^+ \nu_\ell$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	33
161	Measurement of forward $Z \rightarrow e^+ e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
162	Search for the rare decays $B \rightarrow D^* \ell^+ \nu_\ell$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 55-67.	4.1	32

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163	Search for the Lepton-Flavor-Violating Decays $B_s \rightarrow \tau^+ e^- \mu^+ \mu^-$ and $B \rightarrow \tau^+ e^- \mu^+ \mu^-$ . Physical Review Letters, 2013, 111, 141801.		
164	Observation of the decay $B_c \rightarrow \tau^+ \mu^+ \mu^-$ . Physical Review Letters, 2013, 111, 141802.	4.7	32
165	Measurement of the ratio of $B_c \rightarrow \tau^+ \mu^+ \mu^-$ and $B \rightarrow \tau^+ \mu^+ \mu^-$ . Physical Review D, 2013, 87, .	7.8	32
166	Search for the lepton flavour violating decay $\tilde{t} \rightarrow \tau^+ \mu^+ \mu^-$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	32
167	Measurement of the ratio of $B_c \rightarrow \tau^+ \mu^+ \mu^-$ and $B \rightarrow \tau^+ \mu^+ \mu^-$ . Physical Review D, 2014, 89, .	4.7	31
168	Studies of beauty baryon decays to $D^0 \mu^+ \mu^-$ . Physical Review D, 2014, 89, .	4.7	31
169	Search for Violations of Lorentz Invariance and $B_c \rightarrow \tau^+ \mu^+ \mu^-$ . Physical Review D, 2015, 92, .	4.1	31
170	Measurement of charged particle multiplicities and densities in $pp$ collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2012, 72, 1.	7.8	31
171	Measurement of $J/\psi$ production in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	3.9	30
172	Measurement of charged particle multiplicities and densities in $pp$ collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2014, 74, 2888.	4.7	30
173	Amplitude analysis of $B \rightarrow \tau^+ \mu^+ \mu^-$ . Physical Review D, 2015, 92, .	4.7	30
174	Violation in $B_c \rightarrow \tau^+ \mu^+ \mu^-$ . Physical Review Letters, 2015, 115, 031601.	7.8	30
175	Forward production of $J/\psi$ mesons in $pp$ collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
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177	First observation of $B \rightarrow \tau^+ \mu^+ \mu^-$ . Physical Review Letters, 2013, 111, 141801.	4.1	29
178	Study of $D_s$ decays to $D^0 K^+ K^-$ and $D^0 K^+ K^0$ final states in $pp$ collisions. Journal of High Energy Physics, 2012, 2012, .	4.7	29
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182	Measurement of the CKM angle $\beta$ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	29
183	Determination of $\beta$ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	29
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185	Measurement of the $B \rightarrow K^* K^0$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	28
186	First measurement of time-dependent CP violation in $B_s \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	28
187	First Observation of a Baryonic $B_c$ Decay. <i>Physical Review Letters</i> , 2014, 113, 152003.	7.8	28
188	Observation of the Decays $B_c \rightarrow K^+ K^-$ and $B_c \rightarrow K^0 K^0$ . <i>Physical Review Letters</i> , 2017, 119, 062001.	7.8	28
189	First observation of the decay $B_c \rightarrow K^+ K^-$ for $B_c$ mesons. <i>Physical Review Letters</i> , 2017, 119, 062001.	7.8	27
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192	Violation in $B \rightarrow K^* K^0$ decays. <i>Physical Review Letters</i> , 2017, 119, 062001.	7.8	27
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194	First Observation of $B \rightarrow K^* K^0$ production in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. <i>European Physical Journal C</i> , 2014, 74, .	7.8	27
195	Production in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 74, .	4.1	26
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197	Measurement of mixing and CP violation parameters in two-body charm decays. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	26
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227	Search for CP violation in $B^0 \rightarrow B^0$ decays. Physical Review Letters, 2013, 110, 031801.	7.8	22
228	Observation of $B^0 \rightarrow B^0$ Final States. Physical Review Letters, 2012, 108, 151801.	7.8	21
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243	Search for the lepton-flavour violating decay $D \rightarrow K^* \ell^+ \ell^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 754, 167-175.	4.1	20
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249	Search for CP violation in the decay $B \rightarrow D_s^* \ell^+ \ell^-$ . <i>Physical Review Letters</i> , 2013, 110, 241802.	7.8	19
250	Measurement of the branching fractions of the decays $B \rightarrow D_s^* \ell^+ \ell^-$ and $B \rightarrow D_s^* \ell^+ \ell^-$ . <i>Physical Review D</i> , 2013, 87, .	4.7	19
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257	Measurement of forward $W \rightarrow e \nu$ production in pp collisions at $s = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
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259	Measurement of the $B \rightarrow K^* \tau^+ \tau^-$ branching fraction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 249-256.	4.1	17
260	Observation of $B^0 \rightarrow \tau^+ \tau^-$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	3.9	17
261	Observation of $B \rightarrow K^* \tau^+ \tau^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 249-256.	4.1	17
262	Measurement of $B \rightarrow K^* \tau^+ \tau^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 249-256.	2.5	17
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294	Measurement of the branching fraction ratio $B(B_c \rightarrow \bar{D}^0 \pi^+)/B(B_c \rightarrow \bar{D}^0 \pi^+)$ . Physical Review D, 2015, 92, .	4.7	14
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319	Study of $D \rightarrow K^+ K^0$ mesons decaying to $D \rightarrow K^+ K^0$ and $D \rightarrow K^+ K^+ K^0$ final states. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
320	Model-independent measurement of mixing parameters in $D \rightarrow K^+ K^0$ decays. Journal of High Energy Physics, 2016, 2016, .	4.7	13
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328	Measurement of the time-dependent CP asymmetries in $B \rightarrow \pi^+ K^0$ and $B \rightarrow \pi^+ K^0$ . Journal of High Energy Physics, 2015, 2015, .	4.7	12
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341	Observation of the decay $B \rightarrow \pi^+ \rho^0$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	4.7	11
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