

# Evgeny N Gushchin

## List of Publications by Year in descending order

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Version: 2024-02-01

198  
papers

11,195  
citations

26630

56  
h-index

37204

96  
g-index

198  
all docs

198  
docs citations

198  
times ranked

7100  
citing authors

#	ARTICLE	IF	CITATIONS
1	Updated measurements of exclusive $\Lambda_c^+$ and $\Lambda_c^0$ production cross-sections in $pp$ collisions at $\sqrt{s}=7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 055002.	3.6	111
2	Measurement of resonant and non-resonant components in $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review Letters, 2014, 112, 131802.	4.7	73
3	Search for Majorana Neutrinos in $B \rightarrow \ell^+ \ell^- \nu \bar{\nu}$ Decays. Physical Review Letters, 2014, 112, 131802.	7.8	106
4	Measurement of the violation in the Phase Space of $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review Letters, 2014, 112, 041801.	7.8	78
5	Measurement of the components in $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review Letters, 2014, 112, 041801.	4.7	67
6	Measurement of the asymmetries in $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review Letters, 2014, 112, 041801.	7.8	17
7	Precision Measurement of the Mass and Lifetime of the $\Lambda_b$ Baryon. Physical Review Letters, 2014, 113, 032001.	7.8	20
8	Observation of $B_s(1285)$ Decays and Measurement of the $\theta_{13}$ Mixing Angle. Physical Review Letters, 2014, 112, 091802.	7.8	24
9	Studies of beauty baryon decays to $D^* \ell^+ \ell^-$ . Physical Review D, 2014, 89, .	4.7	31
10	A study of CP violation in $B \rightarrow D^* \ell^+ \ell^-$ and $B \rightarrow D^* \ell^+ \ell^-$ decays with $\Lambda_b$ . Physical Review Letters, 2014, 112, 041801.	4.1	34
11	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 36-45.	4.1	13
12	Study of forward $Z$ + jet production in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
13	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 154-162.	4.1	13
14	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 154-162.	4.1	40
15	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
16	Searches for $\Lambda_b^0$ and $\Xi_b^0$ decays to $K^* \pi^0$ and $K^* \pi^+$ final states with first observation of the $\Lambda_b^0 \rightarrow K^* \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
17	Observation of associated production of a Z boson with a D meson in the forward region. Journal of High Energy Physics, 2014, 2014, .	4.7	11

#	ARTICLE	IF	CITATIONS
19	Measurements of the $B^+, B^0, B_s^0$ meson and $\Lambda_b^0$ baryon lifetimes. Journal of High Energy Physics, 2014, 2014, .	4.7	26
20	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow \rho^+ K^*(892)^0$ . Journal of High Energy Physics, 2014, 2014, 1.	4.7	13
21	Differential branching fractions and isospin asymmetries of $B^+ \rightarrow K^*(\frac{1}{2}^+ + \frac{1}{2}^-)$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	206
22	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.	4.7	52
23	Study of $\Upsilon$ 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
24	Observation of the $b \rightarrow 0 \rightarrow \rho^+ \pi^-$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
25	Measurement of $\Upsilon$ production in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	3.9	27
26	Measurement of the $B_c^+$ meson lifetime using $B_c^+ \rightarrow \rho^+ / \psi$ $\mu^+ \nu_\mu$ decays. European Physical Journal C, 2014, 74, 2839.	3.9	43
27	Measurement of $\psi(2S)$ polarisation in $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	3.9	53
28	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.	3.9	30
29	Search for the decay $D \rightarrow \rho^+ \pi^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 234-243.		
30	Search for CP violation in the decay $D \rightarrow \rho^+ \pi^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	4.1	19
31	Observation of the Resonant Character of the $D \rightarrow \rho^+ \pi^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 596-600.	4.1	12
32	Precision measurement of the ratio of the $D \rightarrow \rho^+ \pi^-$ to $D \rightarrow \rho^+ \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 732, 65-74.	7.8	325
33	Observation of Photon Polarization in the $D \rightarrow \rho^+ \pi^-$ decay. Physical Review Letters, 2014, 113, 111801.	7.8	46
34	Precision measurement of the ratio of the $D \rightarrow \rho^+ \pi^-$ to $D \rightarrow \rho^+ \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 732, 65-74.	4.1	50
35	Study of the $B \rightarrow \rho^+ \pi^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 732, 65-74.		
36	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow \rho^+ \pi^-$ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	103

#	ARTICLE	IF	CITATIONS
37	Search for CP violation in $D + \hat{\pi}^+ \bar{K}^0$ and $D_s^+ \rightarrow K^0 \pi^+$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14
38	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	4.7	65
39	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
40	Measurement of the $B^0 \rightarrow K^+ e^- e^+$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
41	Limits on neutral Higgs boson production in the forward region in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7
42	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.	4.7	89
43	Measurement of CP observables in $B^0 \rightarrow DK^+$ with $D \rightarrow K^+ K^-$ . Journal of High Energy Physics, 2013, 2013, 4.7	4.7	6
44	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
45	Differential branching fraction and angular analysis of the $B^+ \rightarrow K^+ \pi^+ \pi^-$ decay. Journal of High Energy Physics, 2013, 2013, 1.	4.7	72
46	First evidence for the annihilation decay mode $B^+ \rightarrow D_s^+ \pi^0$ . Journal of High Energy Physics, 2013, 2013, .	4.7	13
47	Measurement of $J/\psi$ production in pp collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	30
48	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2421.	3.9	25
49	Measurements of the branching fractions of $B^+ \rightarrow \rho^+ K^0$ decays. European Physical Journal C, 2013, 73, 2462.	3.9	24
50	Search for CP violation in $D \rightarrow K^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 203-212.	4.1	22
51	Model-independent search for CP violation in $D \rightarrow K^+ \pi^-$ decays. Journal of High Energy Physics, 2013, 726, 623-633.	4.1	22
52	Measurement of the time-dependent CP asymmetry in $B^+ \rightarrow K^+ \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 24-31.	4.1	12
53	First measurement of time-dependent CP violation in $B_s^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28

#	ARTICLE	IF	CITATIONS
55	Study of $B_{(s)}^0 K_{\text{charmless}}^0 \{h^+\} \{h^{\prime -}\}$ decays with first observation of $B_{(s)}^0 K_{\text{charmless}}^0 \{K^{\pm}\} \{\pi^{\mp}\}$ and $B_{(s)}^0 K_{\text{charmless}}^0 \{\pi^+\} \{\pi^-\}$ . Journal of High Energy Physics, 2013, 2013, .	4.7	14
56	Measurement of the relative rate of prompt $c0$ , $c1$ and $c2$ production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	36
57	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow p \bar{p}$ . Journal of High Energy Physics, 2013, 2013, .	4.7	10
58	Study of D J meson decays to $D \{h^+\}$ , $D \{h^0\}$ and $D \{h^-\}$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	4.7	82
59	First observation of the decay $B_c^+ \rightarrow \{ \psi \{K^+\} \}$ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	41
60	Searches for $B_{(s)}^0 \rightarrow \{ \psi \{p\} \}$ and $B \rightarrow \{ \psi \{p\} \}$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7
61	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^+ K^- \{ \pi^+ \pi^- \}$ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	111
62	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
63	Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1.	3.9	137
64	Observation of $B^0 \rightarrow s \{ \overline{B} \}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	3.9	17
65	Search for the doubly charmed baryon $\Xi_{cc}^+$ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	50
66	Measurement of $J/\psi$ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	3.9	117
67	Observation of the decay $B_c^+ \rightarrow \{ \psi \} K^+ K^- \{ \pi^+ \}$ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	25
68	First observation of the decay $B_{(s)}^0 \rightarrow \{ \psi \} K^0$ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	9
69	First Evidence for the Decay $B_c^+ \rightarrow \{ \psi \} K^+ K^- \{ \pi^+ \}$ . Physical Review Letters, 2013, 110, 021801.	7.8	105
70	First Observation of $B_c^+ \rightarrow \{ \psi \} K^+ K^- \{ \pi^+ \}$ Violation in the Decays of $B_c^+ \rightarrow \{ \psi \} K^+ K^- \{ \pi^+ \}$ . Physical Review Letters, 2013, 110, 221601.	7.8	105
71	Search for the rare decay $K_{\text{charmless}}^0 \rightarrow \{ \mu^+ \} \{ \mu^- \}$ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	13
72	A study of the Z production cross-section in pp collisions at $\sqrt{s}=7$ TeV using tau final states. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14





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91	Precision measurement of the $B \rightarrow D^* s$ oscillation frequency with the decay $B \rightarrow D^* s$ . New Journal of Physics, 2013, 15, 053021.	2.9	59
92	Exclusive $J/\psi$ and $\psi(2S)$ production in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045001.	3.6	104
93	Search for the Lepton-Flavor-Violating Decays $B_s \rightarrow e^+ \mu^-$ and $B \rightarrow e^+ \mu^-$ . Physical Review Letters, 2013, 111, 141801.	4.7	74
94	Precision Measurement of the $B \rightarrow D^* s$ Lifetime. Physical Review Letters, 2013, 111, 102003.	4.7	74
95	Measurement of the $B \rightarrow D^* s$ decay width difference with $B \rightarrow D^* s$ . Physical Review Letters, 2013, 111, 102003.	4.7	74
96	Measurement of the $B \rightarrow D^* s$ decay width difference with $B \rightarrow D^* s$ . Physical Review Letters, 2013, 111, 102003.	4.7	74
97	First observations of $B \rightarrow D^* s$ decays. Physical Review D, 2013, 87, .	4.7	22
98	Measurement of the $B \rightarrow D^* s$ decay width difference with $B \rightarrow D^* s$ . Physical Review Letters, 2013, 111, 102003.	4.7	74
99	Measurement of the $B \rightarrow D^* s$ decay width difference with $B \rightarrow D^* s$ . Physical Review Letters, 2013, 111, 102003.	4.7	74
100	Measurement of the $B \rightarrow D^* s$ decay width difference with $B \rightarrow D^* s$ . Physical Review Letters, 2013, 111, 102003.	4.7	74
101	Measurement of the $B \rightarrow D^* s$ decay width difference with $B \rightarrow D^* s$ . Physical Review Letters, 2013, 111, 102003.	4.7	74
102	Measurement of the branching fractions of the decays $B_s \rightarrow D^* K^* \ell^+ \ell^-$ and $B \rightarrow D^* K^* \ell^+ \ell^-$ . Physical Review D, 2013, 87, .	4.7	19
103	Analysis of the resonant components in $B \rightarrow D^* K^* \ell^+ \ell^-$ . Physical Review D, 2013, 87, .	4.7	19
104	Observation of the decay $B \rightarrow D^* K^* \ell^+ \ell^-$ . Physical Review Letters, 2013, 111, 181801.	7.8	72
105	Search for the decay $B \rightarrow D^* K^* \ell^+ \ell^-$ . Physical Review D, 2013, 87, .	4.7	7
106	Measurement of the polarization amplitudes in $B \rightarrow D^* K^* \ell^+ \ell^-$ . Physical Review D, 2013, 87, .	4.7	7
107	Measurement of the $B \rightarrow D^* K^* \ell^+ \ell^-$ decay width difference with $B \rightarrow D^* K^* \ell^+ \ell^-$ . Physical Review Letters, 2013, 111, 181801.	7.8	101
108	Measurement of the $B \rightarrow D^* K^* \ell^+ \ell^-$ decay width difference with $B \rightarrow D^* K^* \ell^+ \ell^-$ . Physical Review Letters, 2013, 111, 181801.	7.8	101

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109	Measurement of Form-Factor-Independent Observables in the Decay $B \rightarrow \pi^0 \ell^+ \ell^-$ . Physical Review Letters, 2013, 111, 101801.	7.8	49
110	Observation of $B \rightarrow \pi^0 \ell^+ \ell^-$ and $B \rightarrow \pi^0 \ell^+ \ell^-$ decays. Physical Review D, 2013, 87, .	4.7	55
111	Study of $B \rightarrow D^* \ell^+ \ell^-$ and $B \rightarrow D^* K^+ \ell^+ \ell^-$ decays. Physical Review D, 2013, 87, .	4.7	11
112	Measurement of the $C \rightarrow P$ Asymmetry in $B \rightarrow \pi^0 \ell^+ \ell^-$ . Physical Review Letters, 2013, 110, 031801.	7.8	22
113	Studies of the decays $B \rightarrow \rho^+ \pi^0 h^+$ and observation of $B \rightarrow \rho^+ \pi^0 (1520) p$ . Physical Review D, 2013, 88, .	4.7	12
114	Observation of a Resonance in $B \rightarrow \pi^0 \ell^+ \ell^-$ at Low Recoil. Physical Review Letters, 2013, 111, 112003.	7.8	49
115	First Observation of the Decay $B \rightarrow \pi^0 \ell^+ \ell^-$ . Physical Review Letters, 2013, 111, 101801.	4.7	36
116	First observation of $B \rightarrow \pi^0 \ell^+ \ell^-$ . Physical Review Letters, 2013, 111, 101801.	7.8	51
117	Measurement of $B \rightarrow \pi^0 \ell^+ \ell^-$ . Physical Review Letters, 2013, 110, 151803.	4.7	20
118	Measurement of the $B \rightarrow \pi^0 \ell^+ \ell^-$ Fraction and Search for $B \rightarrow \pi^0 \ell^+ \ell^-$ . Physical Review Letters, 2013, 110, 181806.	7.8	258
119	Measurement of $B \rightarrow \pi^0 \ell^+ \ell^-$ . Physical Review Letters, 2013, 110, 181806.	7.8	21
120	LHCb RESULTS. , 2013, , 312-315.		0
121	First Observation of the Decay $B \rightarrow \pi^0 \ell^+ \ell^-$ . Physical Review Letters, 2012, 108, 251802.	7.8	62
122	Differential Branching Fraction and Angular Analysis of the Decay $B \rightarrow K^0 \ell^+ \ell^-$ . Physical Review Letters, 2012, 108, 181806.	7.8	50
123	Lifetime in the $B \rightarrow \pi^0 \ell^+ \ell^-$ . Physical Review Letters, 2013, 110, 031801.		



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127	Determination of the Sign of the Decay Width Difference in the $B_s^0 \rightarrow B^0 \gamma$ System. Physical Review Letters, 2012, 108, 241801.	7.8	61
128	Measurement of the $B_s^0 \rightarrow J/\psi K^* \pi^0$ branching fraction and angular amplitudes. Physical Review D, 2012, 86, .	4.7	18
129	Strong Constraints on the Rare Decays $B \rightarrow B^0 \gamma$ . Physical Review Letters, 2012, 108, 231801.	7.8	160
130	Search for Lepton Number Violating Decays $B \rightarrow \tau^+ \mu^- \nu_\tau \nu_\mu$ and $B \rightarrow \tau^+ K^0 \nu_\tau \nu_\mu$ . Physical Review Letters, 2012, 108, 101601.	7.8	39
131	Measurement of the $B \rightarrow C^+ P^-$ Violating Phase in the Search for the $B \rightarrow X^0 \mu^+ \mu^-$ Decays. Physical Review Letters, 2012, 108, 101601.	7.8	108
132	Measurement of the $B \rightarrow X^0 \mu^+ \mu^-$ Decays. Physical Review Letters, 2012, 108, 101601.	4.7	65
133	First observation of the decays $B^0 \rightarrow D_s^+ K^0$ and $B^0 \rightarrow D_s^+ K^0$ . Physical Review D, 2012, 86, 4.7	4.7	10
134	Measurements of $B \rightarrow B^0 \gamma$ and $B \rightarrow B^0 \gamma$ and Mass with the $B \rightarrow B^0 \gamma$ Decays. Physical Review Letters, 2012, 108, 151801.	7.8	75
135	Measurements of the branching fractions of the decays $B \rightarrow D^0 \mu^+ \mu^-$ and $B \rightarrow D^0 \mu^+ \mu^-$ . Physical Review Letters, 2012, 109, 131801.	7.8	27
136	Publisher's Note: Evidence for CP Violation in Time-Integrated $D^0 \rightarrow \pi^+ \pi^-$ Decay Rates [Phys. Rev. Lett. 108, 111602 (2012)]. Physical Review Letters, 2012, 108, .	7.8	6
137	Observation of $B^0 \rightarrow \pi^+ \pi^- (1525) \pi^0$ Final States. Physical Review Letters, 2012, 108, 151801.	7.8	21
138	Absolute luminosity measurements with the LHCb detector at the LHC. Journal of Instrumentation, 2012, 7, P01010-P01010.	1.2	41
139	Time alignment of the front end electronics of the LHCb calorimeters. Journal of Instrumentation, 2012, 7, P08020-P08020.	1.2	4
140	Measurement of the $B \rightarrow \pi^+ \pi^-$ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	22
141	Measurements of the branching fractions of the decays $B \rightarrow D^0 \mu^+ \mu^-$ and $B \rightarrow D^0 \mu^+ \mu^-$ . Journal of High Energy Physics, 2012, 2012, .	4.7	19
142	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	103
143	Measurement of the isospin asymmetry in $B \rightarrow K^* \pi^0$ decays. Journal of High Energy Physics, 2012, 2012, 165	4.7	165
144	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. Journal of High Energy Physics, 2012, 2012, .	4.7	56

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145	Study of $D^*_{s1}$ decays to $D^+ K^0_{\text{S}} + D^0 K^+_{\text{S}}$ and $D^0 K^+_{\text{S}}$ final states in pp collisions. Journal of High Energy Physics, 2012, 2012, .	4.7	29
146	Measurement of the fraction of $\Lambda^0$ (1S) originating from $\Lambda^0_b(1P)$ decays in pp collisions at $\sqrt{s}=7,\text{TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	18
147	First observation of the decay $B^+ \rightarrow \pi^+ \rho^0 + \pi^+ \rho^+$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	36
148	Evidence for $C \rightarrow P$ Violation in Time-Integrated $D^0 \rightarrow 0$ Rates. Physical Review Letters, 2012, 108, 111602.	7.8	181
149	Measurements of the branching fractions and CP asymmetries of $B^0 \rightarrow \pi^0 \rho^0$ and $B^0 \rightarrow \pi^0 \rho^+$ (2S) $\rho^0$ decays. Physical Review D, 2012, 85, .	4.7	20
150	First Evidence of Direct $C \rightarrow P$ Violation in Charmless Two-Body Decays of $B^0 \rightarrow s$ . Physical Review Letters, 2012, 108, 261601.	7.8	49
151	Physical Review Letters, 2012, 108, 261601.		

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163	Measurement of prompt hadron production ratios in pp collisions at $\sqrt{s} = 0.9$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	26
164	Measurement of the effective $B \rightarrow B_s$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 393-400.	4.1	22
165	Measurement of the ratio of prompt $B \rightarrow B_s$ production to $B$ production in pp collisions at $\sqrt{s} = 0.9$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 393-400.	4.1	47
166	Measurement of mixing and CP violation parameters in two-body charm decays. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26
167	Inclusive W and Z production in the forward region at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	71
168	Observation of $B \rightarrow B_s$ pair production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 349-356.	4.1	123
169	Measurement of the effective $B \rightarrow B_s$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 349-356.	4.1	34
170	Search for the rare decays $B \rightarrow B_s$ and $B \rightarrow B_s$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 55-67.	4.1	58
171	Measurement of b-hadron masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	4.1	27
172	First observation of the decay $B \rightarrow B_s$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	4.1	47
173	Measurement of CP violation in $B \rightarrow B_s$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 1-10.	4.1	30
174	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2012, 72, 1.	3.9	30
175	Observation of X(3872) production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	153
176	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	3.9	58
177	Measurement of $\bar{D}^0$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2025.	3.9	106

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181	Search for $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle mml:mi \rangle C \langle /mml:mi \rangle \langle mml:mi \rangle P \langle /mml:mi \rangle \langle /mml:math \rangle$ violation in $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle$ Measurement of the inclusive $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" \rangle \langle mml:mo \rangle \hat{\sigma} \langle /mml:mo \rangle \langle mml:msup \rangle \langle mml:mi \rangle$ cross-section in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	4.7	20
182	Measurement of the inclusive $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" \rangle \langle mml:mo \rangle \hat{\sigma} \langle /mml:mo \rangle \langle mml:msup \rangle \langle mml:mi \rangle$ cross-section in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	4.1	20
183	Measurement of the inclusive $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" \rangle \langle mml:mo \rangle \hat{\sigma} \langle /mml:mo \rangle \langle mml:msup \rangle \langle mml:mi \rangle$ cross-section in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	4.1	15
184	Matrix hodoscopes for the Oka (Protvino) and NA62 (SPS, CERN) experimental setups. Physics of Atomic Nuclei, 2011, 74, 783-787.	0.4	0
185	Measurement of $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle mml:mi \rangle J/\psi \langle /mml:mi \rangle$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	3.9	238
186	Measurement of $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle mml:mi \rangle V_0 \langle /mml:mi \rangle$ production ratios in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	18
187	Measurement of the inclusive $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" \rangle \langle mml:mo \rangle \hat{\sigma} \langle /mml:mo \rangle \langle mml:msup \rangle \langle mml:mi \rangle$ cross-section in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	4.1	29
188	Test of lepton flavour universality in $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" \rangle \langle mml:mo \rangle \hat{\sigma} \langle /mml:mo \rangle \langle mml:msup \rangle \langle mml:mi \rangle$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 115-122.	4.1	60
189	Search for the rare decays $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" \rangle \langle mml:mo \rangle \hat{\sigma} \langle /mml:mo \rangle \langle mml:msup \rangle \langle mml:mi \rangle$ in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	4.1	60
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191	Determination of $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" \rangle \langle mml:mo \rangle \hat{\sigma} \langle /mml:mo \rangle \langle mml:msup \rangle \langle mml:mi \rangle$ in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	4.1	60
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193	Measurement of $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" \rangle \langle mml:mo \rangle \hat{\sigma} \langle /mml:mo \rangle \langle mml:msup \rangle \langle mml:mi \rangle$ in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	4.1	26
194	Measurement of $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" \rangle \langle mml:mo \rangle \hat{\sigma} \langle /mml:mo \rangle \langle mml:msup \rangle \langle mml:mi \rangle$ in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	4.1	115
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