

# Dmitry Yu Golubkov

## List of Publications by Year in descending order

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Version: 2024-02-01

334  
papers

17,328  
citations

13854

67  
h-index

21521

114  
g-index

336  
all docs

336  
docs citations

336  
times ranked

8562  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amplitude analysis of $B \rightarrow J/\psi K$ decays. Physical Review Letters, 2017, 118, 021801.	1.6	92
2	Consistent with Exotic States from Amplitude Analysis of $B \rightarrow J/\psi K$ decays. Physical Review Letters, 2017, 118, 021801.	2.9	150
3	First Experimental Study of Photon Polarization in Radiative $B_s^0$ Decays. Physical Review Letters, 2017, 118, 021801.	2.9	20
4	Observation of the decay $B \rightarrow J/\psi K$ and evidence for $B \rightarrow J/\psi K$ decays. Physical Review D, 2017, 95, .	1.6	21
5	A precise measurement of the $B^0$ meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.4	21
6	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	1.4	26
7	Determination of the muon charge sign with the dipolar spectrometers of the OPERA experiment. Journal of Instrumentation, 2016, 11, P07022-P07022.	0.5	2
8	Observations of $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^0$ decays and searches for other $B^0$ and $B^0$ decays to final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
9	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	16
10	Observation of $B^0 \rightarrow (2S) p K^+$ and $B^0 \rightarrow \bar{K}^0 \bar{K}^+ p K^+$ decays and a measurement of the $B^0$ baryon mass. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
11	Measurement of the properties of the $\Lambda_b^0$ baryon. Journal of High Energy Physics, 2016, 2016, .	1.6	21
12	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.	1.6	37
13	Measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow DK^0$ with $D \rightarrow K^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	8
14	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	23
15	Measurement of the ratio of branching fractions $\hat{a}_{B_c} / \hat{a}_{B_c}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
16	Measurement of forward $W \rightarrow e \nu$ production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
17	Measurement of the CKM angle $\hat{\beta}^3$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
18	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^0$ decays and the $B^0 \rightarrow K^+ K^-$ differential branching fractions. Journal of High Energy Physics, 2016, 2016, 1.	1.6	75

#	ARTICLE	IF	CITATIONS
19	Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	1.5	77
20	A new algorithm for identifying the flavour of $B^0$ mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	0.5	12
21	Amplitude analysis of $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2016, 94, .	1.6	73
22	Study of $B_c^+$ decays to the $K^+ K^0$ final state and evidence for the decay $B_c^+ \rightarrow \pi^+ \rho^0$ . Physical Review D, 2016, 94, .	1.6	20
23	Violation in $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review Letters, 2016, 117, 261801.	2.9	12
24	Search for the lepton-flavour violating decay $D^0 \rightarrow e^+ \mu^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	1.5	20
25	Model-independent measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow D^+ K^-$ decays with $D^+ \rightarrow K^+ S^0$ and $K^+ S^0$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	9
26	Search for $B_c^+$ decays to the $p \pi^+ K^0$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	1.5	12
27	Observation of the $B^0 \rightarrow \pi^+ \pi^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	1.5	14
28	Measurement of CP observables in $B^0 \rightarrow D^+ K^-$ and $B^0 \rightarrow D^+ \rho^-$ decays with two- and four-body D decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	1.5	20
29	Asymmetry in $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review Letters, 2016, 117, 261801.	2.9	22
30	Contributions to $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review Letters, 2016, 117, 261801.	2.9	102
31	Studies of the resonance structure in $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2016, 93, .	2.9	110
32	Measurement of the mass and lifetime of the $B_c^+$ baryon. Physical Review D, 2016, 93, .	1.6	20
33	First Observation of $B_c^+ \rightarrow D^+ K^-$ decay. Physical Review D, 2016, 93, .	1.6	13
34	Oscillations in $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2016, 93, .	2.9	27
35	First observation of the rare $B^0 \rightarrow D^+ K^-$ decay. Physical Review D, 2016, 93, .	1.6	5
36	Measurement of the $B_s^0 \rightarrow D_s^+ D_s^-$ branching fractions. Physical Review D, 2016, 93, .	1.6	5

#	ARTICLE	IF	CITATIONS
37	Observations on the unitarity triangle angle $\gamma$ from Dalitz plot analysis of $B \rightarrow \pi^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2016, 116, 161802. $\sin^2 \gamma = \frac{1 - \cos^2 \alpha - \cos^2 \beta}{2 \cos \alpha \cos \beta}$	1.6	13
38	Observation of $B_s \rightarrow D^0 K^0$ and Evidence for $B_s \rightarrow D^0 K^0$ Decays. Physical Review Letters, 2016, 116, 161802. Measurement of the Difference of Time-Integrated $B_s \rightarrow D^0 K^0$ Asymmetries in $B_s \rightarrow D^0 K^0$ Decays. Physical Review Letters, 2016, 116, 161802.	2.9	6
39	Search for Violations of Lorentz Invariance and $B \rightarrow \pi^0 \pi^+ \pi^-$ Symmetry. Physical Review Letters, 2016, 116, 161802. $\frac{1}{\Lambda^2} \left( \frac{1}{2} \partial_\mu \partial_\nu \phi^2 \right) \left( \frac{1}{2} \partial_\mu \partial_\nu \phi^2 \right)$	2.9	42
40	Search for Structure in the $B \rightarrow \pi^0 \pi^+ \pi^-$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003. $\frac{1}{\Lambda^2} \left( \frac{1}{2} \partial_\mu \partial_\nu \phi^2 \right) \left( \frac{1}{2} \partial_\mu \partial_\nu \phi^2 \right)$	2.9	31
41	Study of characteristics of the $\text{e}^+ \text{e}^-$ type cellular electromagnetic calorimeter prototype. Bulletin of the Lebedev Physics Institute, 2016, 43, 295-297.	0.1	1
43	Study of $D^0 \rightarrow \pi^+ \pi^- K^0$ and $D^0 \rightarrow \pi^0 \pi^+ \pi^-$ mesons decaying to $D^0 \rightarrow \pi^+ \pi^- K^0$ and $D^0 \rightarrow \pi^0 \pi^+ \pi^-$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
44	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, .	1.6	59
45	Study of $\tilde{\chi}^0(2S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
46	Model-independent measurement of mixing parameters in $D^0 \rightarrow \pi^+ \pi^- K^0$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	13
47	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	100
48	First observation of the decay $B^0 \rightarrow \pi^+ \pi^- K^0$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1.	1.6	5
49	Observation of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decay. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
50	First observation of the decay $D^0 \rightarrow \pi^+ \pi^- K^0$ in the $\pi^0$ region of the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	1.5	13
51	Angular analysis of the $B^0 \rightarrow \pi^+ \pi^- K^0$ decay using $3 \text{ fb}^{-1}$ of integrated luminosity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	304
52	Study of CP violation in $B^0 \rightarrow \pi^+ \pi^- K^0$ with the modes $D^0 \rightarrow \pi^+ \pi^- K^0$ and $D^0 \rightarrow \pi^0 \pi^+ \pi^-$ . Physical Review D, 2015, 91, .	1.6	14
53	Study of $B \rightarrow \pi^0 \pi^+ \pi^-$ decay using $3 \text{ fb}^{-1}$ of integrated luminosity. Physical Review D, 2015, 92, .	1.6	14
54	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	2.9	22

#	ARTICLE	IF	CITATIONS
55	Amplitude for the Strangeness-Changing Weak Decay $B \rightarrow \bar{c} b \bar{c} \bar{c}$ . Physical Review D, 2015, 92, .	2.9	25
56	First observation and amplitude analysis of the decay $B \rightarrow \bar{c} b \bar{c} \bar{c}$ . Physical Review D, 2015, 92, .	1.6	50
57	Amplitude analysis of the decay $B \rightarrow \bar{c} b \bar{c} \bar{c}$ . Physical Review D, 2015, 92, .	1.6	69
58	Amplitude analysis of the decay $B \rightarrow \bar{c} b \bar{c} \bar{c}$ . Physical Review D, 2015, 92, .	1.6	30
59	Amplitude analysis of the decay $B \rightarrow \bar{c} b \bar{c} \bar{c}$ . Physical Review D, 2015, 92, .	1.6	80
60	Study of $W$ boson production in association with beauty and charm. Physical Review D, 2015, 92, .	1.6	22
61	Measurement of the branching fraction ratio $B(B_c \rightarrow \bar{c} \bar{c} \bar{c} \bar{c})/B(B_c \rightarrow \bar{c} \bar{c} \bar{c} \bar{c})$ . Physical Review D, 2015, 92, .	1.6	14
62	Search for the rare decays $B \rightarrow \bar{c} \bar{c} \bar{c} \bar{c}$ and $B_s \rightarrow \bar{c} \bar{c} \bar{c} \bar{c}$ . Physical Review D, 2015, 92, .	1.6	8
63	Model-independent confirmation of the decay $Z \rightarrow C P$ . Physical Review D, 2015, 92, .	2.9	417
64	Measurement of $C P$ violation in $B \rightarrow \bar{c} b \bar{c} \bar{c}$ . Physical Review Letters, 2015, 115, 031601.	2.9	30
65	Observation of the $B_s \rightarrow \bar{c} \bar{c} \bar{c} \bar{c}$ Decay. Physical Review Letters, 2015, 115, 051801.	2.9	9
66	Observation of $B \rightarrow \bar{c} b \bar{c} \bar{c}$ Resonances Consistent with Pentaquark States in $B \rightarrow \bar{c} b \bar{c} \bar{c}$ . Physical Review Letters, 2015, 115, 031601.	2.9	816
67	Amplitude analysis of the decay $B \rightarrow \bar{c} b \bar{c} \bar{c}$ . Physical Review D, 2015, 92, .		

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73	Measurement of the forward Z boson production cross-section in pp collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	69
74	Search for the $\bar{b} \rightarrow b \gamma$ and $\bar{b} \rightarrow b \gamma$ decays with the LHCb detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	156
75	Measurement of the exclusive $\Upsilon$ production cross-section in pp collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$ and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	52
76	Measurement of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ branching fraction and search for the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	11
77	Forward production of $\Upsilon$ mesons in pp collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$ and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
78	Measurement of the forward-backward asymmetry in $Z \rightarrow \ell^+ \ell^- + \ell^+ \ell^-$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37
79	First observation and measurement of the branching fraction for the decay $B \rightarrow D^* K^{\pm}$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	7
80	First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow D^* K^{\pm} \ell^+ \ell^-$ decay. Journal of High Energy Physics, 2015, 2015, .	1.6	36
81	Measurement of the time-integrated CP asymmetry in $D \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	13
82	Measurement of CP violation parameters and polarisation fractions in $B \rightarrow D^* K^{\pm} \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
83	Measurement of forward $Z \rightarrow e^+ e^-$ production at $s = 8 \sqrt{s} = 8 \text{ TeV}$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
84	Differential branching fraction and angular analysis of $\bar{b} \rightarrow b \gamma$ decays. Journal of High Energy Physics, 2015, 2015, .	1.6	82
85	Measurement of the time-dependent CP asymmetries in $B \rightarrow D^* K^0$ . Journal of High Energy Physics, 2015, 2015, .	1.6	12
86	Search for the decay $B \rightarrow D^* \ell^+ \ell^-$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
87	Measurement of forward $J/\psi$ production cross-sections in pp collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
88	Observation of the decay $B \rightarrow D^* K^{\pm} \ell^+ \ell^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	1.5	13
89	Angular analysis and differential branching fraction of the decay $B \rightarrow D^* K^{\pm} \ell^+ \ell^-$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	191
90	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $s = 7 \text{ TeV}$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	14



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109	Search for the lepton flavour violating decay $\tilde{l}_i \rightarrow \tilde{l}_j \gamma$ , $\tilde{l}_i \rightarrow \tilde{l}_j \gamma + \tilde{l}_k \tilde{l}_k^*$ . Journal of High Energy Physics, 2015, 2015, 1.		32
110	Precise measurements of the properties of the $B_1(5721)^{0,+}$ and $B_2^*(5747)^{0,+}$ states and observation of $B \rightarrow \rho \pi$ , $\pi \pi$ mass structures. Journal of High Energy Physics, 2015, 2015, 1.	1.6	21
111	Measurement of indirect CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays using semileptonic B decays. Journal of High Energy Physics, 2015, 2015, .	1.6	17
112	Observation of the rare $B_s^0 \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. Nature, 2015, 522, 68-72.	13.7	390
113	Identification of beauty and charm quark jets at LHCb. Journal of Instrumentation, 2015, 10, P06013-P06013.	0.5	42
114	Measurement of the $\sigma_c(1S) \hat{c}(1S)$ production cross-section in proton-proton collisions via		

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127	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
128	Searches for the decay $D^0 \rightarrow \hat{\mu}^+ \hat{\mu}^-$ at hadron colliders. Physics of Atomic Nuclei, 2014, 77, 211-217.	0.1	0
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	Calibration of the LHCb electromagnetic calorimeter using the technique of neutral pion invariant mass reconstruction. Instruments and Experimental Techniques, 2014, 57, 33-39.	0.1	3
131	Addendum: Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	34
132	Searches for $\Lambda_b^0$ and $\Xi_b^0$ decays to $K_{\text{charm}}^0 \pi^+$ and $K_{\text{charm}}^0 K^0$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{charm}}^0 \pi^+$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
133	Observation of associated production of a Z boson with a D meson in the forward region. Journal of High Energy Physics, 2014, 2014, .	1.6	11
134	Measurements of the $B^+$ , $B^0$ , $B_s^0$ meson and $\Lambda_b^0$ baryon lifetimes. Journal of High Energy Physics, 2014, 2014, .	1.6	26
135	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow \bar{K}^*(892)^0$ . Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
136	Angular analysis of charged and neutral $B \rightarrow K^{1/2} + \bar{K}^{1/2}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26
137	Evidence for the decay $\text{B} \rightarrow \text{c} \rightarrow \text{u} \rightarrow \text{u} \rightarrow \text{u}$ . Journal of High Energy Physics, 2014, 2014, 1.	1.6	16
138	Measurement of $\Upsilon$ production in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	1.4	27
139	Measurement of the $B_c^+$ meson lifetime using $B_c^+ \rightarrow \mu^+ \nu_\mu$ . European Physical Journal C, 2014, 74, 2839.	1.4	43
140	Measurement of $\psi(2S)$ polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	1.4	53
141	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.	1.4	30
142	Search for the decay $D \rightarrow \mu^+ \mu^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 234-243.	1.5	19
143	Search for CP violation in the decay $D \rightarrow \mu^+ \mu^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	1.5	19
144	Measurement of the charge asymmetry in $D \rightarrow \mu^+ \mu^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	1.5	12

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145	Observation of the Resonant Character of the $Z \rightarrow b\bar{c} + c\bar{b}$ Transition. Physical Review Letters, 2014, 112, 161801.	2.9	325
146	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow \bar{c} \ell \ell + \bar{c} \ell \ell$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	103
147	Search for CP violation in $D \rightarrow \bar{c} \ell \ell + c \ell \ell$ and $D_s^+ \rightarrow K_S^0 \pi^+ \ell \ell$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
148	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	1.6	65
149	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
150	Measurement of the $B^0 \rightarrow K^+ e^- e^+$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
151	Limits on neutral Higgs boson production in the forward region in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7
152	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
153	Measurement of CP observables in $B^0 \rightarrow DK^+ K^-$ with $D \rightarrow K^+ K^-$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	6
154	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
155	Differential branching fraction and angular analysis of the $B^+ \rightarrow K^+ \ell^+ \ell^-$ decay. Journal of High Energy Physics, 2013, 2013, 1.	1.6	72
156	First evidence for the annihilation decay mode $B^+ \rightarrow D_s^+ \pi^0$ . Journal of High Energy Physics, 2013, 2013, .	1.6	13
157	Measurement of $J/\psi$ production in pp collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	30
158	Measurement of the neutrino velocity with the OPERA detector in the CNGS beam using the 2012 dedicated data. Journal of High Energy Physics, 2013, 2013, 1.	1.6	21
159	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2421.	1.4	25
160	Measurements of the branching fractions of $B^+ \rightarrow p \bar{p} K^+$ decays. European Physical Journal C, 2013, 73, 2462.	1.4	24
161	Search for $D \rightarrow K^+ \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 203-212.	1.5	38
162			

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163	Model-independent search for CP violation in $B \rightarrow D K$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.5	22
164	Measurement of the time-dependent CP asymmetry in $B \rightarrow D K$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.5	12
165	First measurement of time-dependent CP violation in $B \rightarrow D K$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
166	Study of $B \rightarrow K \pi \pi$ decays with first observation of $B \rightarrow K \pi \pi$ decays. Journal of High Energy Physics, 2013, 2013, .	1.6	14
168	Measurement of the relative rate of prompt $b \rightarrow c$ , $b \rightarrow c$ and $b \rightarrow c$ production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	36
169	First evidence for the two-body charmless baryonic decay $B \rightarrow p \bar{p}$ . Journal of High Energy Physics, 2013, 2013, .	1.6	10
170	Study of D J meson decays to $D \rightarrow \bar{c} \bar{s}$ , $D \rightarrow \bar{c} s$ and $D \rightarrow \bar{c} \bar{c}$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	1.6	82
171	First observation of the decay $B \rightarrow \psi(3700) \pi$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	41
172	Searches for $B \rightarrow \psi(3700) \pi$ and $B \rightarrow \psi(3700) \pi$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7
173	Differential branching fraction and angular analysis of the decay $B \rightarrow K \pi \pi$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	111
174	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
175	Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1.	1.4	137
176	Observation of $B \rightarrow K \pi \pi$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	1.4	17
177	Search for the doubly charmed baryon $\Xi_{cc}^+$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
178	Measurement of $J/\psi$ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	1.4	117
179	The calibration of an LHCb electromagnetic calorimeter by recovering the invariant mass of neutral pions. Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta,) Tj ETQq1 1 007.84314 rgBT /Overlock		
180	The search for $D \rightarrow \pi \pi$ decay. Moscow University Physics Bulletin (English Translation of Vestnik) Tj ETQq0 0 0 rgBT /Overlock		

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181	Observation of the decay $B_c^+ \rightarrow J/\psi K + K \bar{\nu}_e$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	25
182	First observation of the decay $B_s^0 \rightarrow \phi \overline{K}^{*0}$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	9
183	First Evidence for the Decay $B_c^+ \rightarrow J/\psi K + K \bar{\nu}_e$ . Physical Review Letters, 2013, 110, 021801.	2.9	292
184	First Observation of $B_c^+ \rightarrow J/\psi K + K \bar{\nu}_e$ Violation in the Decays of $B_c^+$ . Physical Review Letters, 2013, 110, 221601.	2.9	105
185	Search for the rare decay $K_{\text{S}}^0 \rightarrow \mu^+ \mu^-$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	13
186	A study of the Z production cross-section in pp collisions at $\sqrt{s}=7$ TeV using tau final states. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
187	Measurement of the ratio of branching fractions $B(B_c^+ \rightarrow J/\psi K) / B(B_c^+ \rightarrow J/\psi K^*)$ . Journal of High Energy Physics, 2013, 2013, 1.	0.9	48
188	Measurement of the effective $B(B_c^+ \rightarrow J/\psi K) / B(B_c^+ \rightarrow J/\psi K^*)$ . Nuclear Physics B, 2013, 871, 1-20.	0.9	16
189	Prompt charm production in pp collisions at $\sqrt{s}=7$ TeV. Nuclear Physics B, 2013, 871, 1-20.	0.9	228
190	Observation of the suppressed ADS modes $B_c^+ \rightarrow J/\psi K^*$ . Journal of High Energy Physics, 2013, 2013, 1.	1.5	15
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194	Measurements of the $B(B_c^+ \rightarrow J/\psi K) / B(B_c^+ \rightarrow J/\psi K^*)$ and $B(B_c^+ \rightarrow J/\psi K) / B(B_c^+ \rightarrow J/\psi K^*)$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 25-35.	1.5	54
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218	Search for the decay $B_s \rightarrow D^* \ell^+ \ell^-$ . Physical Review D, 2013, 87, .	1.6	7
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221	Measurement of $B_c \rightarrow D^* \ell^+ \ell^-$ . Physical Review Letters, 2013, 111, 101801.	1.6	32
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232	Search for Rare $B_c \rightarrow D^* \ell^+ \ell^-$ . Physical Review D, 2013, 88, .	2.9	21
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263	Measurements of the branching fractions and CP asymmetries of $B_{\hat{\pm}} \rightarrow \hat{\pi}^{\pm} \hat{\pi}^0$ and $B_{\hat{\pm}} \rightarrow \hat{\pi}^{\pm} (2S) \hat{\pi}^0$ decays. Physical Review D, 2012, 85, .	1.6	20
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265	Measurement of the branching fraction of $B \rightarrow s \bar{c} \bar{c} \bar{c}$ . Physical Review Letters, 2012, 108, 261601.		

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271	Measurement of the CP-violating phase $\arg(\rho_{cb})$ in $B \rightarrow D^* \mu^+ \mu^-$ decays Measurement of the cross-section ratio $R_{D^*}$	1.5	33
272	Measurement of the CP-violating phase $\arg(\rho_{cb})$ in $B \rightarrow D^* \mu^+ \mu^-$ decays Measurement of the cross-section ratio $R_{D^*}$		

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293	Measurement of $\bar{\Lambda}^0$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2025.	1.4	106
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303	Measurements of the branching fractions for $B \rightarrow D^* \pi$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	1.2	44
304	Determination of $B \rightarrow D^* \pi$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 115-122.	1.2	44
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306	Measurement of the atmospheric muon charge ratio with the OPERA detector. European Physical Journal C, 2010, 67, 25-37.	1.4	26

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315	$\Lambda(1520)$ production in p+A collisions at $\sqrt{s} = 41.6$ GeV. European Physical Journal C, 2009, 61, 207-221.	1.4	3
316	Study of the effects induced by lead on the emulsion films of the OPERA experiment. Journal of Instrumentation, 2008, 3, P07002-P07002.	0.5	11
317	Emulsion sheet doublets as interface trackers for the OPERA experiment. Journal of Instrumentation, 2008, 3, P07005-P07005.	0.5	30
318	Bottom production cross section from double muonic decays of b-flavoured hadrons in 920 GeV proton-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 650, 103-110.	1.5	3
319	A Measurement of the $\bar{\nu}_e$ to $J/\psi$ production ratio in 920 GeV proton-nucleus interactions. European Physical Journal C, 2007, 49, 545-558.	1.4	43
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