

Dmitry Yu Golubkov

List of Publications by Year in descending order

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Version: 2024-02-01

334
papers

17,328
citations

13865

67
h-index

21540

114
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336
all docs

336
docs citations

336
times ranked

8562
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of J/ψ Resonances Consistent with Pentaquark States in Measurement of the Ratio of Branching Fractions	7.8	816
2			

#	ARTICLE	IF	CITATIONS
19	Observation of χ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2013, 110, 221601. Consistent with Exotic States from Amplitude Analysis of χ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2015, 115, 161802.	7.8	150
20	Search for Hidden-Sector Bosons in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2015, 115, 161802.	7.8	138
21	Implications of LHCb measurements and future prospects. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	137
22	Measurement of the track reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2015, 10, P02007-P02007.	1.2	127
23	Observation of χ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2013, 110, 221601. χ -pair production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 52-59.	4.1	123
24	Measurement of χ polarization in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 2631.	3.9	117
25	Measurement of the neutrino velocity with the OPERA detector in the CNGS beam. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	116
26	Measurement of χ hadron production fractions in 7 TeV pp collisions. <i>Physical Review D</i> , 2012, 85, 032005.	4.7	116
27	Measurement of χ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2013, 110, 221601.	4.1	115
28	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^+ \chi^-$. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	111
29	Updated measurements of exclusive χ and $\chi(2S)$ 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
30	Evidence for Exotic Hadron Contributions to χ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2013, 110, 221601.	7.8	110
31	Measurement of χ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2013, 110, 221601.	7.8	108
32	Measurement of χ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 2025.	3.9	106
33	Search for Majorana Neutrinos in $B \rightarrow K^+ \chi^-$ Decays. <i>Physical Review Letters</i> , 2014, 112, 131802.	7.8	106
34	First Observation of χ Violation in the Decays of χ . <i>Physical Review Letters</i> , 2013, 110, 221601.	7.8	105
35	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , 2015, 11, 743-747.	16.7	105
36	Exclusive χ and $\chi(2S)$ 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

#	ARTICLE	IF	CITATIONS
37	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
38	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.	4.7	103
39	Contributions to $B \rightarrow \bar{c} \ell \ell$ decays. Physical Review Letters, 2012, 109, 172003.	7.8	102
40	Violation in the Phase Space of $B \rightarrow \bar{c} \ell \ell$ decays. Physical Review Letters, 2013, 111, 101801.	7.8	101
41	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	100
42	Observation of Excited B_c Baryons. Physical Review Letters, 2012, 109, 172003.	7.8	98
43	Amplitude analysis of $B \rightarrow \bar{c} \ell \ell$ decays. Physical Review D, 2017, 95, 014004.	4.7	92
44	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
45	Measurement of $\bar{c} \ell \ell$ meson production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2100.	3.9	83
46	Study of D J meson decays to $D \rightarrow \bar{c} \ell \ell$, $D \rightarrow \bar{c} \ell \ell$ and $D \rightarrow \bar{c} \ell \ell$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	4.7	82
47	Measurement of the $B \rightarrow \bar{c} \ell \ell$ decays. Physical Review Letters, 2012, 109, 172003.	7.8	82
48	Differential branching fraction and angular analysis of $B \rightarrow \bar{c} \ell \ell$ decays. Journal of High Energy Physics, 2015, 2015, .	4.7	82
49	Dalitz plot analysis of $B \rightarrow \bar{c} \ell \ell$ decays. Physical Review Letters, 2014, 112, 011801.	4.7	80
50	Violation in the Phase Space of $B \rightarrow \bar{c} \ell \ell$ decays. Physical Review Letters, 2014, 112, 011801.	7.8	78
51	Search for Structure in the $B \rightarrow \bar{c} \ell \ell$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	7.8	78
52	First observation of $B \rightarrow \bar{c} \ell \ell$ decays. Physical Review Letters, 2012, 109, 232001.	7.8	75
53	Particle and High-Energy Physics, 2011, 698, 115-122. Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	3.7	77
54	Measurements of $B \rightarrow \bar{c} \ell \ell$ and Mass with the $B \rightarrow \bar{c} \ell \ell$. Physical Review Letters, 2012, 109, 232001.	7.8	75

#	ARTICLE	IF	CITATIONS
73	Observation of $D^0 \rightarrow \pi^+ \pi^-$ Precision Measurement of $D^0 \rightarrow \pi^+ \pi^-$ Oscillation Physical Review Letters, 2012, 108, 251802.	7.8	65
74	Violation in $B \rightarrow \pi^+ \pi^-$ Physical Review Letters, 2015, 114, 041801.	7.8	65
75	Kinematic distributions and nuclear effects of J/ψ production in A920 GeV fixed-target proton-nucleus collisions. European Physical Journal C, 2009, 60, 525-542.	3.9	64
76	Momentum measurement by the multiple Coulomb scattering method in the OPERA lead-emulsion target. New Journal of Physics, 2012, 14, 013026.	2.9	64
77	First Observation of the Decay $B \rightarrow \pi^+ \pi^-$ Physical Review Letters, 2012, 108, 251802.	7.8	62
78	Determination of the Sign of the Decay Width Difference in the B_s System Physical Review Letters, 2012, 108, 241801.	7.8	61
79	Measurement of $B \rightarrow \pi^+ \pi^-$ in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV Physical Review Letters, 2011, 106, 231801.	7.8	61
80	Search for the rare decays $B \rightarrow \pi^+ \pi^-$ Physical Review Letters, 2011, 106, 231801.	4.1	60
81	Analysis of the resonant components in $B \rightarrow \pi^+ \pi^-$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	4.1	60
82	Measurement of forward J/ψ production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
83	Precision measurement of the $B \rightarrow \pi^+ \pi^-$ oscillation frequency with the decay $B \rightarrow \pi^+ \pi^-$ New Journal of Physics, 2013, 15, 053021.	2.9	59
84	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
85	Measurement of b-hadron masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	4.1	58
86	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	3.9	58
87	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. Journal of High Energy Physics, 2012, 2012, .	4.7	56
88	Observation of a Resonance in $B \rightarrow \pi^+ \pi^-$ at Low Recoil. Physical Review Letters, 2013, 111, 112003.	7.8	56
89	Measurements of the $B \rightarrow \pi^+ \pi^-$ decay amplitudes and Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 27-35.	4.7	55
90	Measurements of the $B \rightarrow \pi^+ \pi^-$ decay amplitudes and Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 27-35.	4.1	54

#	ARTICLE	IF	CITATIONS
91	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
92	Measurement of $\psi(2S) \rightarrow \tau^+ \tau^-$ polarisation in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2014, 74, 2872.	3.9	53
93	Measurement of the exclusive Υ production cross-section in pp collisions at $s = 7$ TeV and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	52
94	First Observation of the Decay $B_c \rightarrow \tau^+ \nu_\tau$. Physical Review Letters, 2013, 110, 151803.	7.8	50
95	Differential Branching Fraction and Angular Analysis of the Decay $B^0 \rightarrow K^* \tau^+ \tau^-$. Physical Review Letters, 2012, 108, 181806.	7.8	50
96	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
97	Search for the doubly charmed baryon Ξ_{cc}^{++} . Journal of High Energy Physics, 2013, 2013, 1.	4.7	50
98	First observation and amplitude analysis of the decay $B_c \rightarrow \tau^+ \nu_\tau$. Physical Review Letters, 2013, 110, 151803.	4.7	50
99	First Evidence of $D^0 \rightarrow \tau^+ \tau^-$. Physical Review Letters, 2012, 108, 201601.	7.8	49
100	Two-Body Decays of $B_c \rightarrow P^0 \tau^+ \nu_\tau$. Physical Review Letters, 2012, 108, 201601.	7.8	49
101	Searches for Majorana neutrinos in $B^0 \rightarrow \tau^+ \tau^-$ decays. Physical Review D, 2012, 85, .	4.7	49
	Measurement of the cross-section ratio $\sigma(B_c \rightarrow \tau^+ \nu_\tau) / \sigma(B_c \rightarrow \tau^+ \nu_\tau)$. Physical Review Letters, 2012, 108, 201601.		

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109	A Measurement of the $\bar{c} \rightarrow b$ production ratio in 920 GeV proton-nucleus interactions. European Physical Journal C, 2007, 49, 545-558.	3.9	43
110	Measurement of the $B_c^+ \rightarrow D^+ \bar{c} \nu$ branching fraction. Physical Review Letters, 2014, 113, 251801.	7.8	43
111	Measurement of the $B_c^+ \rightarrow D^+ \bar{c} \nu$ meson lifetime using $B_c^+ \rightarrow D^+ \bar{c} \nu$ decays. European Physical Journal C, 2014, 74, 2839.	3.9	43
112	Identification of beauty and charm quark jets at LHCb. Journal of Instrumentation, 2015, 10, P06013-P06013.	1.2	42
113	Measurement of the difference of time-integrated asymmetries in $B^0 \rightarrow D^+ D^-$ decays. Physical Review Letters, 2013, 111, 251801.	7.8	42
114	The detection of neutrino interactions in the emulsion/lead target of the OPERA experiment. Journal of Instrumentation, 2009, 4, P06020-P06020.	1.2	41
115	Absolute luminosity measurements with the LHCb detector at the LHC. Journal of Instrumentation, 2012, 7, P01010-P01010.	1.2	41
116	First observation of the decay $B_c^+ \rightarrow D^+ \bar{c} \nu$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	41
117	Search for Lepton Number Violating Decays $B \rightarrow \tau^+ \bar{\nu}_\tau \nu_\mu \mu$ and $B \rightarrow \tau^+ \bar{\nu}_\tau \nu_e e$. Physical Review Letters, 2012, 108, 101601.	7.8	39
118	Search for $B \rightarrow D^+ D^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	38
119	Measurement of the charm quark 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
120	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
121	Production of associated Υ 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
122	First observation of the decay $B \rightarrow \tau^+ \bar{\nu}_\tau \nu_\mu \mu$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	36
123	Measurement of the relative rate of prompt $c \rightarrow b$, $c \rightarrow c$ and $c \rightarrow s$ production at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	36
124	Amplitude analysis and branching fraction measurement of $B \rightarrow D^+ D^-$ decays. Physical Review Letters, 2013, 111, 251801.	4.7	36
125	First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow D^+ \bar{c} \nu$ decay. Journal of High Energy Physics, 2015, 2015, .	4.7	36
126	Measurement of the CKM angle β from a combination of $B \rightarrow D^+ D^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 151-163.	4.1	35

#	ARTICLE	IF	CITATIONS
127	Measurement of the differential branching fraction of the decay $B \rightarrow D^0 \tau^+ \nu_\tau$. Evidence for the decay $B \rightarrow D^0 \tau^+ \nu_\tau$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 25-33.	4.1	35
128	Precision Measurement of the $B \rightarrow D^0 \tau^+ \nu_\tau$ Lifetime. Physical Review Letters, 2013, 111, 102003.	2.5	35
129	Model-independent confirmation of the $B \rightarrow D^0 \tau^+ \nu_\tau$ decay. Measurement of the $B \rightarrow D^0 \tau^+ \nu_\tau$ Lifetime. Physical Review Letters, 2013, 111, 102003.	4.5	16
130	Measurement of the $B \rightarrow D^0 \tau^+ \nu_\tau$ Lifetime. Physical Review Letters, 2013, 111, 102003.	4.5	16
131	Measurement of the CP violating phase $\arg(V_{cb} V_{cs}^*)$. Physical Review Letters, 2013, 111, 102003.	4.1	34
132	Measurement of the CP violating phase $\arg(V_{cb} V_{cs}^*)$. Physical Review Letters, 2013, 111, 102003.	4.1	34
133	Measurement of the CP violating phase $\arg(V_{cb} V_{cs}^*)$. Physical Review Letters, 2013, 111, 102003.	4.1	34
134	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
135	Measurement of D^0, D^+, D_s^+ and D^{*+} production in fixed target 920 GeV proton-nucleus collisions. European Physical Journal C, 2007, 52, 531-542.	3.9	33
136	Measurement of the CP-violating phase $\arg(V_{cb} V_{cs}^*)$. Physical Review Letters, 2013, 111, 102003.	4.1	33
137	Search for direct CP violation in $B \rightarrow D^0 \tau^+ \nu_\tau$ decays using semileptonic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	4.1	33
138	Search for the rare decay $B \rightarrow D^0 \tau^+ \nu_\tau$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	4.1	33
139	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
140	Measurement of forward $Z \rightarrow e^+ e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
141	Angular distributions of leptons from $J/\psi \rightarrow \tau^+ \tau^-$ produced in 920 GeV fixed-target proton-nucleus collisions. European Physical Journal C, 2009, 60, 517-524.	3.9	32
142	Search for the rare decays $B \rightarrow D^0 \tau^+ \nu_\tau$ and $B \rightarrow D^0 \tau^+ \nu_\tau$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 55-67.	4.1	32
143	Search for the Lepton-Flavor-Violating Decays $B \rightarrow D^0 \tau^+ \nu_\tau$ and $B \rightarrow D^0 \tau^+ \nu_\tau$. Physical Review Letters, 2013, 111, 141801.	4.7	32
144	Observation of the decay $B \rightarrow D^0 \tau^+ \nu_\tau$. Measurement of the $B \rightarrow D^0 \tau^+ \nu_\tau$ Lifetime. Physical Review D, 2013, 87, .	4.7	32

#	ARTICLE	IF	CITATIONS
145	Measurement of the Semileptonic $B \rightarrow C^+ P^-$ Asymmetry in $B \rightarrow C^+ P^-$ decays. <i>Journal of High Energy Physics</i> , 2015, 2015, 1. http://www.w3.org/1998/Math/MathML $A_{FB}^{\ell} = \frac{N(B \rightarrow C^+ P^- \ell^+ \nu_\ell) - N(B \rightarrow C^+ P^- \ell^- \bar{\nu}_\ell)}{N(B \rightarrow C^+ P^- \ell^+ \nu_\ell) + N(B \rightarrow C^+ P^- \ell^- \bar{\nu}_\ell)}$	7.8	32
146	Search for the lepton flavour violating decay $\tilde{L}_i \rightarrow \hat{\nu}_j \hat{\nu}_k + \hat{\nu}_l \hat{\nu}_m$. <i>Journal of High Energy Physics</i> , 2015, 2015, 1. http://www.w3.org/1998/Math/MathML	4.7	31
147	Measurement of the CP-violating phase β_1 in $B \rightarrow D^+ D_s^-$ decays. <i>Physical Review D</i> , 2014, 89, 1. http://www.w3.org/1998/Math/MathML $\beta_1 = \arg\left(\frac{V_{cb} V_{cd}^*}{V_{ub} V_{ud}^*}\right)$	4.7	31
148	Measurement of the CP-violating phase β_1 in $B \rightarrow D^+ D_s^-$ decays. <i>Physical Review D</i> , 2014, 89, 1. http://www.w3.org/1998/Math/MathML $\beta_1 = \arg\left(\frac{V_{cb} V_{cd}^*}{V_{ub} V_{ud}^*}\right)$	4.1	31
149	Symmetry in $B \rightarrow D^+ D_s^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 742, 38-49. http://www.w3.org/1998/Math/MathML $A_{FB}^{\ell} = \frac{N(B \rightarrow D^+ D_s^- \ell^+ \nu_\ell) - N(B \rightarrow D^+ D_s^- \ell^- \bar{\nu}_\ell)}{N(B \rightarrow D^+ D_s^- \ell^+ \nu_\ell) + N(B \rightarrow D^+ D_s^- \ell^- \bar{\nu}_\ell)}$	7.8	31
150	Emulsion sheet doublets as interface trackers for the OPERA experiment. <i>Journal of Instrumentation</i> , 2008, 3, P07005-P07005.	1.2	30
151	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	30
152	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	30
153	Measurement of charged particle multiplicities and densities in $\sqrt{s} = 7$ TeV pp collisions in the forward region. <i>European Physical Journal C</i> , 2014, 74, 2888.	3.9	30
154	Amplitude analysis of $B \rightarrow D^+ D_s^-$ decays. <i>Physical Review D</i> , 2015, 92, 1. http://www.w3.org/1998/Math/MathML $A_{FB}^{\ell} = \frac{N(B \rightarrow D^+ D_s^- \ell^+ \nu_\ell) - N(B \rightarrow D^+ D_s^- \ell^- \bar{\nu}_\ell)}{N(B \rightarrow D^+ D_s^- \ell^+ \nu_\ell) + N(B \rightarrow D^+ D_s^- \ell^- \bar{\nu}_\ell)}$	4.7	30
155	Violation in $B \rightarrow D^+ D_s^-$ decays. <i>Physical Review D</i> , 2015, 92, 1. http://www.w3.org/1998/Math/MathML $A_{FB}^{\ell} = \frac{N(B \rightarrow D^+ D_s^- \ell^+ \nu_\ell) - N(B \rightarrow D^+ D_s^- \ell^- \bar{\nu}_\ell)}{N(B \rightarrow D^+ D_s^- \ell^+ \nu_\ell) + N(B \rightarrow D^+ D_s^- \ell^- \bar{\nu}_\ell)}$	7.8	30
156	Forward production of η mesons in pp collisions at $\sqrt{s} = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	30
157	Angular analysis of the $B^0 \rightarrow K^* \ell^+ \ell^-$ decay in the low- q^2 region. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	30
158	J/ψ production via $\bar{c}c$ decays in 920 GeV pA interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 561, 61-72.	4.1	29
159	Study of $D \rightarrow K^* \ell^+ \ell^-$ decays. <i>Journal of High Energy Physics</i> , 2012, 2012, 1. http://www.w3.org/1998/Math/MathML	4.1	29
160	Study of $D \rightarrow K^* \ell^+ \ell^-$ decays. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	29
161	Measurement of relative branching fractions of B decays to $\bar{c}c$ and J/ψ mesons. <i>European Physical Journal C</i> , 2012, 72, 2118.	3.9	29
162	Measurement of the lifetime of the B_c meson using the $B_c \rightarrow D^+ D_s^-$ decays. <i>Physical Review D</i> , 2015, 92, 1. http://www.w3.org/1998/Math/MathML $\tau_{B_c} = \frac{1}{\Gamma_{B_c}}$	4.1	29

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163	Measurement of the CKM angle $\hat{\beta}$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
164	Charm, beauty and charmonium production at HERA-B. European Physical Journal C, 2005, 43, 179-186.	3.9	28
165	K^*0 and $\hat{\Upsilon}$ meson production in proton-nucleus interactions at $\sqrt{s}=41.6\text{GeV}$. European Physical Journal C, 2007, 50, 315-328.	3.9	28
166	Determination of $\langle f \rangle$ and $\langle s \rangle$ in $B \rightarrow D^* K^0$ decays. Journal of High Energy Physics, 2011, 2011, 1.	7.8	28
167	Collisions and Measurement of $B \rightarrow D^* K^0$ decays. Journal of High Energy Physics, 2011, 2011, 1.	4.7	28
168	Measurement of the $B \rightarrow D^* K^0$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
169	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
170	Observation of the decay $B \rightarrow D^* K^0$. Journal of High Energy Physics, 2014, 2014, 1.	4.1	27
171	First observation of the decay $B \rightarrow D^* K^0$. Journal of High Energy Physics, 2014, 2014, 1.	3.9	27
172	Measurement of $\langle \Upsilon \rangle$ production in pp collisions at $\sqrt{s} = 2.76\text{TeV}$. European Physical Journal C, 2014, 74, .	7.8	27
173	First Observation of $\langle \Upsilon \rangle$ production in pp collisions at $\sqrt{s} = 2.76\text{TeV}$. European Physical Journal C, 2014, 74, .	4.1	26
174	Oscillations in $B \rightarrow D^* K^0$ decays. Journal of High Energy Physics, 2010, 2010, 1.	7.8	27
175	Measurement of the atmospheric muon charge ratio with the OPERA detector. European Physical Journal C, 2010, 67, 25-37.	3.9	26
176	Prompt hadron production in pp collisions at $\sqrt{s} = 0.9\text{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 2012, 1.	3.9	26
177	Measurement of mixing and CP violation parameters in two-body charm decays. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26
178	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	7.8	26
179	Measurements of the B^+ , B^0 , B_{s^0} meson and Λ_b^0 baryon lifetimes. Journal of High Energy Physics, 2014, 2014, .	4.7	26
180	Angular analysis of charged and neutral $B \rightarrow K^{1/2} + K^{3/2}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	26
180	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	3.9	26

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181	Measurements of the branching fractions for $B_c^+ \rightarrow D_s^+ \ell^+ \nu_\ell$ decays. <i>Physical Review Letters</i> , 2013, 110, 031801.	4.7	25
182	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 2421.	3.9	25
183	Observation of the decay $B_c^+ \rightarrow D_s^+ K^+ K^-$. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	25
184	Study of forward Z + jet production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	25
185	Searches for Λ_b^0 and Ξ_b^0 decays to $K_{\text{charm}}^0 \pi^0$ and $K_{\text{charm}}^0 \pi^+$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{charm}}^0 \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	25
186	Evidence for the Strangeness-Changing Weak Decay $B_c^+ \rightarrow D_s^+ \ell^+ \nu_\ell$. <i>Physical Review Letters</i> , 2013, 110, 031801.	7.8	25
187	Measurements of the branching fractions of $B^+ \rightarrow \rho^0 \pi^+ K^0$ decays. <i>European Physical Journal C</i> , 2013, 73, 2462.	3.9	24
188	Observations of $B_c^+ \rightarrow D_s^+ \ell^+ \nu_\ell$ decays and Measurement of the $\sin^2 \theta_{13}$ Mixing Angle. <i>Physical Review Letters</i> , 2014, 112, 091802.	2.5	24
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198	First Observation of Top Quark Production in the Forward Region. <i>Physical Review Letters</i> , 2015, 115, 112001.	7.8	22

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213	First observation of $B \rightarrow \bar{D}^0$ decays. <i>Physical Review Letters</i> , 2014, 112, 041801.	4.7	20
214	Asymmetries in $B \rightarrow \bar{D}^0$ decays. <i>Physical Review D</i> , 2015, 92.	4.7	20
215	Search for CP violation in $B \rightarrow \bar{D}^0$ decays. <i>Physical Review Letters</i> , 2014, 112, 041801.	7.8	20
216	Search for CP violation in $B \rightarrow \bar{D}^0$ decays. <i>Physical Review Letters</i> , 2014, 112, 041801.	4.7	20

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294	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. European Physical Journal C, 2015, 75, 595.	3.9	11
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304	Measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow D K^0$ with $D \rightarrow K^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2016, 2016, .	4.7	8
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318	Measurement of the $B_s^0 \rightarrow D_s^{(*)+} D_s^{(*)-}$ branching fractions. Physical Review D, 2016, 93, .	4.7	5
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