

Leo W Wiggers

List of Publications by Year in descending order

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Version: 2024-02-01

429
papers

20,702
citations

10956

71
h-index

19136

118
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431
all docs

431
docs citations

431
times ranked

9272
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsic limits on resolutions in muon- and electron-neutrino charged-current events in the KM3NeT/ORCA detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
2	Letter of intent for KM3NeT 2.0. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 084001.	1.4	512
3	The prototype detection unit of the KM3NeT detector. European Physical Journal C, 2016, 76, 1.	1.4	32
4	Updated measurements of exclusive J/ψ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s}=7\text{ TeV}$. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 055002.	1.4	111
5	Measurement of resonant and C components in B decays. http://www.w3.org/1998/Math/MathML C P B A^{\pm}	1.6	73
6	Search for Majorana Neutrinos in $B \rightarrow \tau^+ \ell^- \bar{\nu}_\ell \nu_\tau$ Decays. Physical Review Letters, 2014, 112, 131802.	2.9	106
7	Measurement of C components in B decays. http://www.w3.org/1998/Math/MathML C P B A^{\pm}	2.9	78
8	Measurement of the C components in B decays. http://www.w3.org/1998/Math/MathML C P B A^{\pm}	2.9	17
9	Measurement of the C components in B decays. http://www.w3.org/1998/Math/MathML C P D K	2.9	20
10	Observation of $B \rightarrow \tau^+ \ell^- \bar{\nu}_\ell \nu_\tau$ Decays and Measurement of the θ_{13} Mixing Angle. Physical Review Letters, 2014, 112, 091802.	2.9	24
11	Studies of beauty baryon decays to D mesons. http://www.w3.org/1998/Math/MathML D 0	1.6	31
12	Measurement of the flavour-specific CP-violating asymmetry $A_{CP}^{\text{FB}}(e^+e^- \rightarrow B^0 \rightarrow \tau^+ \nu_\tau \ell^- \bar{\nu}_\ell)$. http://www.w3.org/1998/Math/MathML s s s s	1.5	34
13	Measurement of the flavour-specific CP-violating asymmetry $A_{CP}^{\text{FB}}(e^+e^- \rightarrow B^0 \rightarrow \tau^+ \nu_\tau \ell^- \bar{\nu}_\ell)$. http://www.w3.org/1998/Math/MathML D K 0	1.5	13
14	Study of forward Z + jet production in pp collisions at $\sqrt{s} = 7\text{ TeV}$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
15	Study of J/ψ production and cold nuclear matter effects in $p\text{Pb}$ collisions at $\sqrt{s_{NN}} = 5\text{ TeV}$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	74
16	Searches for Λ_b^0 and Ξ_b^0 decays to $K_{\text{charm}}^* \pi^0$ and $K_{\text{charm}}^* \pi^+$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{charm}}^* \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	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, .	1.6	11
18	Measurements of the B^+ , B^0 , B_s^0 meson and Λ_b^0 baryon lifetimes. Journal of High Energy Physics, 2014, 2014, .	1.6	26

#	ARTICLE	IF	CITATIONS
19	Measurement of Υ production in pp collisions at $\sqrt{s}=2.76$ TeV. European Physical Journal C, 2014, 74, .	1.4	27
20	Measurement of the B_c meson lifetime using $B_c \rightarrow \psi \mu^+ \mu^-$. European Physical Journal C, 2014, 74, 2839.	1.4	43
21	Measurement of $\psi(2S)$ polarisation in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2014, 74, 2872.	1.4	53
22	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
23	Search for the decay $D \rightarrow \psi(2S) \mu^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 234-243.	1.5	19
24	Search for CP violation in the decay $D \rightarrow \psi(2S) \mu^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	1.5	12
25	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow \psi(2S) \mu^+ \mu^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	103
26	Search for CP violation in $D \rightarrow \psi(2S) \mu^+ \mu^-$ and $D_s^+ \rightarrow K_S^0 \pi^+ \mu^+ \mu^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
27	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	1.6	65
28	Production of J/ψ and Υ mesons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	65
29	Measurement of the $B^0 \rightarrow K^* \mu^+ \mu^-$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
30	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
31	Measurement of $D^* \hat{A}_{\pm}$ production in deep inelastic scattering at HERA. Journal of High Energy Physics, 2013, 2013, 1.	1.6	8
32	Measurement of $D \hat{A}_{\pm}$ production in deep inelastic ep scattering with the ZEUS detector at HERA. Journal of High Energy Physics, 2013, 2013, 1.	1.6	8
33	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
34	Measurement of CP observables in $B^0 \rightarrow DK^* \mu^+ \mu^-$ with $D^* \rightarrow K^+ K^- \mu^+$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	6
35	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

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37	Differential branching fraction and angular analysis of the $B \rightarrow \hat{\pi}^+ K + \hat{\pi}^+ \frac{1}{4} + \hat{\pi}^+ \frac{1}{4} \hat{\pi}^-$ decay. Journal of High Energy Physics, 2013, 2013, 1.	1.6	72
38	Measurement of inelastic J/ψ and $\bar{\Lambda}^0$ photoproduction at HERA. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7
39	First evidence for the annihilation decay mode $B^+ \rightarrow D_s^+ \pi^0$. Journal of High Energy Physics, 2013, 2013, .	1.6	13
40	Measurement of J/ψ production in pp collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	30
41	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2421.	1.4	25
42	Measurements of the branching fractions of $B^+ \rightarrow p \bar{p} K^+$ decays. European Physical Journal C, 2013, 73, 2462.	1.4	24
43	Search for $B^+ \rightarrow p \bar{p} K^+$ decays. Journal of High Energy Physics, 2013, 724, 203-212.	1.5	22
44	Model-independent search for CP violation in $B^+ \rightarrow p \bar{p} K^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	1.5	13
45	Branching fraction and CP asymmetry of the decays $B^+ \rightarrow p \bar{p} K^+$. Journal of High Energy Physics, 2013, 2013, 1.	1.5	12
46	First measurement of time-dependent CP violation in $B^+ \rightarrow p \bar{p} K^+$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
47	Study of $B_{(s)}^0 \rightarrow K_{(s)}^0 h^+ h^-$ decays with first observation of $B_{(s)}^0 \rightarrow K_{(s)}^0 \pi^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, .	1.6	14
48	Measurement of the relative rate of prompt \bar{c}^0 , \bar{c}^+ and \bar{c}^+ production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	36
49	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow \bar{p} p$. Journal of High Energy Physics, 2013, 2013, .	1.6	10
50	Study of D meson decays to $D \rightarrow \bar{c} \pi^+$, $D \rightarrow \bar{c} \pi^0$ and $D \rightarrow \bar{c} \pi^-$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	1.6	82
51	First observation of the decay $B_c^+ \rightarrow \psi(3700) \pi^+$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	41
52	Measurement of charm fragmentation fractions in photoproduction at HERA. Journal of High Energy Physics, 2013, 2013, 1.	1.6	23
53	Searches for $B_{(s)}^0 \rightarrow \psi(3700) \pi^0$ and $B \rightarrow \hat{\pi}^+ J/\psi p$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7

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55	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	111
56	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
57	Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1.	1.4	137
58	Observation of $B^0 \rightarrow \pi^+ \pi^-$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	1.4	17
59	Search for the doubly charmed baryon Ξ_{cc}^{++} . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
60	Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	1.4	117
61	Observation of the decay $B_c^+ \rightarrow J/\psi K^+ K^- \pi^+$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	25
62	First observation of the decay $B_s^0 \rightarrow \phi \overline{K}^{*0}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	9
63	First Evidence for the Decay $B_c^+ \rightarrow J/\psi K^+ K^- \pi^+$. Physical Review Letters, 2013, 110, 021801.	2.9	105
64	First Observation of $B_c^+ \rightarrow J/\psi K^+ K^- \pi^+$ Violation in the Decays of $B_c^+ \rightarrow J/\psi K^+ K^- \pi^+$. Physical Review Letters, 2013, 110, 221601.	2.9	105
65	Search for the rare decay $K_S^0 \rightarrow \mu^+ \mu^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	13
66	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
67	Measurement of the ratio of branching fractions $\frac{\mathcal{B}(B \rightarrow \tau^+ \tau^-)}{\mathcal{B}(B \rightarrow \mu^+ \mu^-)}$. Journal of High Energy Physics, 2013, 2013, 1.	0.9	48
68	Measurement of the effective χ^2 for the decay $B \rightarrow \tau^+ \tau^-$. Journal of High Energy Physics, 2013, 2013, 1.	0.9	17
69	Prompt charm production in pp collisions at $\sqrt{s}=7$ TeV. Nuclear Physics B, 2013, 871, 1-20.	0.9	228
70	Observation of the suppressed ADS modes $B \rightarrow \tau^+ \tau^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	15
71	Measurements of the form factors F_1 and F_2 for the decay $B \rightarrow \tau^+ \tau^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	15
72	Measurements of the form factors F_1 and F_2 for the decay $B \rightarrow \tau^+ \tau^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.5	16

#	ARTICLE	IF	CITATIONS
91	Search for the Lepton-Flavor-Violating Decays $B_s \rightarrow e^+ \mu^- \nu_e \nu_\mu$ and $B \rightarrow e^+ \mu^- \nu_e \nu_\mu$. Physical Review Letters, 2013, 111, 102003.	1.6	12
92	Precision Measurement of the $B \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^- \nu_e \nu_\mu$ Decays. Physical Review Letters, 2013, 111, 102003.	1.6	15
93	Measurement of the $B \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^- \nu_e \nu_\mu$ Decays. Physical Review Letters, 2013, 111, 102003.	1.6	74
94	Measurement of the $B \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^- \nu_e \nu_\mu$ Decays. Physical Review Letters, 2013, 111, 102003.	1.6	13
95	First observations of $B \rightarrow D^+ D^0$, $D_s \rightarrow D^+ D^0$ and $D \rightarrow D^+ D^0$ decays. Physical Review D, 2013, 87, .	1.6	22
96	Measurement of the $B \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^- \nu_e \nu_\mu$ Decays. Physical Review Letters, 2013, 111, 102003.	2.9	82
97	Measurement of the $B \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^- \nu_e \nu_\mu$ Decays. Physical Review Letters, 2013, 111, 102003.	2.9	13
98	Measurement of the $B \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^- \nu_e \nu_\mu$ Decays. Physical Review Letters, 2013, 111, 102003.	2.9	19
99	Determination of the $B \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^- \nu_e \nu_\mu$ Decays. Physical Review Letters, 2013, 111, 102003.	1.6	17
100	Measurement of the branching fractions of the decays $B_s \rightarrow D^+ D^0 K^+ K^-$ and $B \rightarrow D^+ D^0 K^+ K^-$. Physical Review D, 2013, 87, .	1.6	19
101	Analysis of the resonant components in $B \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^- \nu_e \nu_\mu$ decays. Physical Review Letters, 2013, 111, 102003.	1.6	17
102	Observation of the Decay $B \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^- \nu_e \nu_\mu$. Physical Review Letters, 2013, 111, 181801.	2.9	72
103	Search for the decay $B_s \rightarrow D^+ D^0 K^+ K^-$. Physical Review D, 2013, 87, .	1.6	7
104	Measurement of the polarization amplitudes in $B \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^- \nu_e \nu_\mu$ decays. Physical Review Letters, 2013, 111, 102003.	1.6	17
105	Measurement of $B \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^- \nu_e \nu_\mu$ Decays. Physical Review Letters, 2013, 111, 102003.	2.9	101
106	Observation of the decay $B \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^- \nu_e \nu_\mu$. Physical Review Letters, 2013, 111, 102003.	1.6	32
107	Measurement of Form-Factor-Independent Observables in the Decay $B \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^- \nu_e \nu_\mu$. Physical Review D, 2013, 87, .	2.9	15
108	Observation of $B \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^- \nu_e \nu_\mu$ Decays. Physical Review Letters, 2013, 111, 191801.	1.6	55

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109	Study of $B^0 \rightarrow D^* \bar{a}^+ \bar{c} \bar{c} + \text{and } B^0 \rightarrow D^* \bar{a}^+ K^+ \bar{c} \bar{c} + \text{decays}$. Physical Review D, 2013, 87, .	1.6	11
110	Measurement of the $C \rightarrow P$ Asymmetry in $B \rightarrow C \bar{P}$ Physical Review Letters, 2013, 110, 031801.	2.9	22
111	Studies of the decays $B \rightarrow \bar{p} \bar{h}$ and observation of $B \rightarrow \bar{p} \bar{\Lambda}^0(1520)$. Physical Review D, 2013, 88, .	1.6	12
112	Observation of a Resonance in $B \rightarrow B^0 + \bar{c} \bar{c}$ at Low Recoil. Physical Review Letters, 2013, 111, 112003.	2.9	21
113	First Observation of the Decay $B \rightarrow \bar{c} \bar{c} \bar{c}$	1.6	36
114	First observation of $B \rightarrow B^0 \bar{c} \bar{c}$ and search for $B \rightarrow B^0 \bar{c} \bar{c}$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.9	51
115	Measurement of the $B \rightarrow B^0 \bar{c} \bar{c}$ Fraction and Search for $B \rightarrow B^0 \bar{c} \bar{c}$ Physical Review Letters, 2013, 110, 151803.	1.6	20
116	Measurement of the $B \rightarrow B^0 \bar{c} \bar{c}$ Fraction and Search for $B \rightarrow B^0 \bar{c} \bar{c}$ Physical Review Letters, 2013, 110, 151803.	2.9	258
117	Measurement of high $B \rightarrow B^0 \bar{c} \bar{c}$ neutral current deep inelastic scattering cross sections with a longitudinally polarized positron beam at HERA. Physical Review D, 2013, 87, .	2.9	21
118	First Observation of the Decay $B \rightarrow B^0 \bar{c} \bar{c}$ Physical Review Letters, 2012, 108, 251802.	1.6	18
119	Differential Branching Fraction and Angular Analysis of the Decay $B^0 \rightarrow K^* \bar{O}^{1/4} + \bar{c} \bar{c}$. Physical Review Letters, 2012, 108, 181806.	2.9	50
121	Lifetime in the $J \rightarrow f$ Physical Review Letters, 2012, 108, 251802.	2.9	62

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127	Strong Constraints on the Rare Decays $B \rightarrow s \gamma$. <i>Physical Review Letters</i> , 2012, 108, 231801.	2.9	160
128	Search for Lepton Number Violating Decays $B \rightarrow \tau \bar{\nu}_\tau + \nu_\tau + \tau$ and $B \rightarrow \tau \bar{\nu}_\tau + \nu_\tau + \tau$. <i>Physical Review Letters</i> , 2012, 108, 101601.	2.9	39
129	Measurement of the $C \rightarrow P$ -Violating Phase in the Search for the $\bar{t} \rightarrow c \gamma$. <i>Physical Review Letters</i> , 2012, 108, 101601.	2.9	108
130	Search for the $X \rightarrow \gamma \gamma$ decay. <i>Physical Review Letters</i> , 2012, 108, 101601.	1.6	65
131	First observation of the decays $B \rightarrow D_s + K^* \bar{\nu}_\tau + \nu_\tau$ and $B \rightarrow D_s + K^* \bar{\nu}_\tau + \nu_\tau$. <i>Physical Review D</i> , 2012, 86, 16101.	1.6	10
132	Measurements of the $B \rightarrow D_s + K^* \bar{\nu}_\tau + \nu_\tau$ and $B \rightarrow D_s + K^* \bar{\nu}_\tau + \nu_\tau$. <i>Physical Review D</i> , 2012, 86, 16101.	2.9	75
133	Measurements of the $B \rightarrow D_s + K^* \bar{\nu}_\tau + \nu_\tau$ and $B \rightarrow D_s + K^* \bar{\nu}_\tau + \nu_\tau$. <i>Physical Review D</i> , 2012, 86, 16101.	2.9	27
134	Publisher's Note: Evidence for CP Violation in Time-Integrated $D \rightarrow \tau^+ \bar{\nu}_\tau + \tau + \nu_\tau$ decay rates [Phys. Rev. Lett. 108, 111602 (2012)]. <i>Physical Review Letters</i> , 2012, 108, .	2.9	6
135	Observation of $B \rightarrow D_s^* \tau^+ \bar{\nu}_\tau + \nu_\tau$ (1525) in $B \rightarrow K^* \tau^+ \bar{\nu}_\tau + \nu_\tau$ Final States. <i>Physical Review Letters</i> , 2012, 108, 151801.	2.9	21
136	Absolute luminosity measurements with the LHCb detector at the LHC. <i>Journal of Instrumentation</i> , 2012, 7, P01010-P01010.	0.5	41
137	Measurement of the $B \rightarrow \tau^+ \bar{\nu}_\tau$ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	22
138	Measurements of the branching fractions of the decays $B \rightarrow D_s^* \tau^+ \bar{\nu}_\tau + \nu_\tau$ and $B \rightarrow D_s^* \tau^+ \bar{\nu}_\tau + \nu_\tau$. <i>Journal of High Energy Physics</i> , 2012, 2012, .	1.6	19
139	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$; $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	103
140	Measurement of the isospin asymmetry in $B \rightarrow K^* \tau^+ \bar{\nu}_\tau + \nu_\tau$ decays. <i>Journal of High Energy Physics</i> , 2012, 2012, 165	1.6	165
141	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. <i>Journal of High Energy Physics</i> , 2012, 2012, .	1.6	56
142	Study of $D \rightarrow s \ell$ decays to $D^+ K^-$ and $D^0 K^+$ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2012, 2012, .	1.6	29
143	Measurement of the fraction of $\bar{t} \rightarrow b \gamma$ (1S) originating from $\bar{t} \rightarrow b \gamma$ (1P) decays in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	18
144	First observation of the decay $B \rightarrow \tau^+ \bar{\nu}_\tau + \nu_\tau + \tau$. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	36

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145	Evidence for CP Violation in Time-Integrated Rates. <i>Physical Review Letters</i> , 2012, 108, 111602.	2.9	181
146	Measurements of the branching fractions and CP asymmetries of $B^{\pm} \rightarrow \bar{D}^0 \pi^{\pm}$ and $B^{\pm} \rightarrow \bar{D}^0 \pi^{\pm} (2S)$ decays. <i>Physical Review D</i> , 2012, 85, .	1.6	20
147	First Evidence of Direct CP Violation in Charmless Two-Body Decays of $B^0 \rightarrow \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2012, 108, 111801.	2.9	49
148	Measurement of the ratio of branching fractions $R_{D^*} = \frac{\mathcal{B}(B^0 \rightarrow \pi^+ D^{*-})}{\mathcal{B}(B^0 \rightarrow \pi^+ D^0)}$. <i>Physical Review Letters</i> , 2012, 108, 111802.		

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163	Search for first-generation leptoquarks at HERA. Physical Review D, 2012, 86, .	1.6	25
164	Measurement of the effective $B \rightarrow B_s \gamma$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 393-400.	1.5	22
165	Measurement of the ratio of prompt $B \rightarrow B_s \gamma$ to $B \rightarrow B_s \gamma$ production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 393-400.	1.5	47
166	Measurement of mixing and CP violation parameters in two-body charm decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26
167	Exclusive electroproduction of two pions at HERA. European Physical Journal C, 2012, 72, 1.	1.4	7
169	Scaled momentum distributions for K_S^0 and Λ in DIS at HERA. Journal of High Energy Physics, 2012, 2012, 1.	1.6	1
170	Inclusive W and Z production in the forward region at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	71
171	Measurement of the effective $B \rightarrow B_s \gamma$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 349-356.	1.5	123
172	Measurement of the CP violating phase $\arg(\lambda_{cb})$ in $B \rightarrow B_s \gamma$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 27-36.	1.5	14
173	Search for the rare decays $B \rightarrow B_s \gamma$ and $B \rightarrow B_s \gamma$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 55-67.	1.5	34
174	Search for single-top production in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 27-36.	1.5	32
176	Search for the rare decays $B \rightarrow B_s \gamma$ and $B \rightarrow B_s \gamma$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 55-67.	1.5	58
178	First observation of the decay $B \rightarrow B_s \gamma$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	1.5	27
179	Measurement of b-hadron masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	1.5	47
180	Observation of CP violation in $B \rightarrow B_s \gamma$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 203-212.	1.5	71

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181	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2012, 72, 1.	1.4	30
182	Observation of $X(3872)$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	153
183	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	1.4	58
184	Measurement of Υ' production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2025.	1.4	106
185	Search for C violation in Υ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2025.	1.6	20
186	Measurement of the inclusive cross-section in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2025.	1.5	20
187	Measurement of the inclusive cross-section in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2025.	1.5	15
188	Measurement of beauty production in deep inelastic scattering at HERA using decays into electrons. European Physical Journal C, 2011, 71, 1.	1.4	13
189	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	238
190	Measurement of heavy-quark jet photoproduction at HERA. European Physical Journal C, 2011, 71, 1.	1.4	13
191	Study of taupair production at HERA. Journal of High Energy Physics, 2011, 2011, 1.	1.6	1
192	Measurement of V_0 production ratios in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	18
193	Measurement of the energy dependence of the total photon-proton cross section at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 184-193.	1.5	6
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