

# Leo W Wiggers

## List of Publications by Year in descending order

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429  
papers

20,702  
citations

10956

71  
h-index

19136

118  
g-index

431  
all docs

431  
docs citations

431  
times ranked

9272  
citing authors

#	ARTICLE	IF	CITATIONS
1	The LHCb Detector at the LHC. <i>Journal of Instrumentation</i> , 2008, 3, S08005-S08005.	0.5	969
2	Letter of intent for KM3NeT 2.0. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016, 43, 084001.	1.4	512
3	Measurement of Form-Factor-Independent Observables in the Decay $B \rightarrow \pi^0 \pi^+ \pi^-$ . <i>Physical Review Letters</i> , 2013, 111, 191801.	2.9	292
4	Combined measurement and QCD analysis of the inclusive $e^+ p$ scattering cross sections at HERA. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	1.6	458
5	Measurement of the neutral current cross section and $F_2$ structure function for deep inelastic $e^+ p$ scattering at HERA. <i>European Physical Journal C</i> , 2001, 21, 443-471.	1.4	326
6	Determination of the $X$ structure function for deep inelastic scattering at HERA. <i>European Physical Journal C</i> , 2001, 21, 443-471.	1.4	326
7	First Evidence for the Decay $B \rightarrow \pi^0 \pi^+ \pi^-$ . <i>Physical Review Letters</i> , 2013, 110, 021801.	2.9	292
8	Exclusive photoproduction of $J/\psi$ mesons at HERA. <i>European Physical Journal C</i> , 2002, 24, 345-360.	1.4	270
9	Measurement of the Fraction and Search for $B \rightarrow \pi^0 \pi^+ \pi^-$ . <i>Physical Review Letters</i> , 2013, 111, 101805.	2.9	258
10	Observation of events with a large rapidity gap in deep inelastic scattering at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 315, 481-493.	1.5	239
11	Measurement of $J/\psi$ production in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	238
12	Prompt charm production in pp collisions at $\sqrt{s}=7$ TeV. <i>Nuclear Physics B</i> , 2013, 871, 1-20.	0.9	228
13	Measurement of the proton structure function $F_2$ in ep scattering at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 316, 412-426.	1.5	219
14	ZEUS results on the measurement and phenomenology of $J/\psi$ . <i>European Physical Journal C</i> , 1999, 7, 609.	1.4	194
15	A measurement of $\int \sigma_{tot}(p)$ at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 293, 465-477.	1.5	192
16	Evidence for $C \rightarrow P$ Violation in Time-Integrated $D \rightarrow \pi^+ \pi^-$ Rates. <i>Physical Review Letters</i> , 2012, 108, 111602.	2.9	181
17	Exclusive electroproduction of $J/\psi$ mesons at HERA. <i>Nuclear Physics B</i> , 2004, 695, 3-37.	0.9	164
18	Evidence for a narrow baryonic state decaying to $K^0_S p$ and $K^0_S \bar{p}$ , in deep inelastic scattering at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 591, 7-22.	1.5	162

#	ARTICLE	IF	CITATIONS
19	Strong Constraints on the Rare Decays $B \rightarrow s \gamma$ . <i>Physical Review Letters</i> , 2012, 108, 231801.	2.9	160
20	Measurement of the proton structure function $F_2$ at very low $Q^2$ at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 487, 53-73.	1.5	155
21	Observation of $X(3872)$ production in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	153
22	Measurement of deeply virtual Compton scattering at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 573, 46-62.	1.5	143
23	ZEUS next-to-leading-order QCD analysis of data on deep inelastic scattering. <i>Physical Review D</i> , 2003, 67, .	1.6	139
24	Measurement of the $F_2$ structure function in deep inelastic $e^+p$ scattering using 1994 data from the ZEUS detector at HERA. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996, 72, 399-424.	1.5	137
25	Implications of LHCb measurements and future prospects. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	137
26	Measurement of $D^{\ast pm}$ production and the charm contribution to $F_2$ in deep inelastic scattering at HERA. <i>European Physical Journal C</i> , 2000, 12, 35-52.	1.4	135
27	Combination and QCD analysis of charm production cross section measurements in deep-inelastic ep scattering at HERA. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	134
28	Comparison of ZEUS data with standard model predictions for $e^+p \rightarrow e^+X$ scattering at high $Q^2$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997, 74, 207-220.	1.5	131
29	Measurement of the proton structure function $F_2$ and at low and very low $x$ at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 407, 432-448.	1.5	129
30	Exclusive electroproduction of $J/\psi$ . <i>European Physical Journal C</i> , 1999, 6, 603.	1.4	125
31	Observation of $J/\psi$ -pair production in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 707, 52-59.	1.5	123
32	Measurement of $J/\psi$ polarization in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 2631.	1.4	117
33	Measurement of hadron production fractions in $7 \text{ TeV}$ pp collisions. <i>Physical Review D</i> , 2013, 87, 012001.	1.6	116
34	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^{\ast} K^{\ast}$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.5	115
35	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^{\ast} K^{\ast}$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	111
36	Updated measurements of exclusive $J/\psi$ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s}=7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014, 41, 055002.	1.4	111

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37	Measurement of the $C \rightarrow P$ -Violating Phase in the Decay $B \rightarrow \bar{D}^* \bar{D}^* \bar{D}^*$ in the European Physical Journal C, 2012, 72, 2025.	2.9	108
38	Measurement of $\bar{D}^*$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2025.	1.4	106
39	Search for Majorana Neutrinos in $B \rightarrow \bar{D}^* \bar{D}^* \bar{D}^*$ Decays. Physical Review Letters, 2014, 112, 131802.	2.9	106
40	First Observation of $C \rightarrow P$ Violation in the Decays of $B \rightarrow \bar{D}^* \bar{D}^* \bar{D}^*$ Physical Review Letters, 2013, 110, 221601.	2.9	105
41	Exclusive $J/\psi$ and $\bar{\psi} \psi$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045001.	1.4	104
42	An NLO QCD analysis of inclusive cross-section and jet-production data from the ZEUS experiment. European Physical Journal C, 2005, 42, 1-16.	1.4	103
43	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	103
44	Differential branching fraction and angular analysis of the decay $B \rightarrow \bar{D}^* \bar{D}^* \bar{D}^*$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	103
45	Measurement of $C \rightarrow P$ Violation in the Phase Space of $B \rightarrow \bar{D}^* \bar{D}^* \bar{D}^*$ Physical Review Letters, 2013, 111, 101801.	2.9	101
46	Observation of Excited $\bar{D}^*$ Baryons. Physical Review Letters, 2012, 109, 172003.	2.9	98
47	Measurement of elastic $\bar{D}^*$ photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 437, 432-444.	1.5	94
48	Measurement of $D^* \bar{D}^*$ production in deep inelastic scattering at DESY HERA. Physical Review D, 2004, 69, .	1.6	94
49	production in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 402-418.	1.5	91
50	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
51	Measurement of the proton structure function $F_2$ at low $x$ and low $Q^2$ at HERA. Zeitschrift für Physik C-Particles and Fields, 1996, 69, 607-620.	1.5	88
52	Inclusive jet cross sections in the Breit frame in neutral current deep inelastic scattering at HERA and determination of $\hat{\alpha}_s$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 164-180.	1.5	83
53	Exclusive electroproduction of $\bar{D}^*$ mesons at HERA. Nuclear Physics B, 2005, 718, 3-31.	0.9	83
54	Measurement of $\bar{D}^*(2S)$ meson production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2100.	1.4	83

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55	Study of D J meson decays to $D^+ \bar{c} \bar{s}^*$ , $D^0 \bar{c} s^*$ and $D^+ \bar{c} \bar{s}^*$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1. Measurement of the $\langle \mathbb{C} \rangle$ violation in the $B \rightarrow C P$ components in $B \rightarrow C P$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 712-715.	1.6	82
56	Measurement of the $\langle \mathbb{C} \rangle$ violation in the $B \rightarrow C P$ components in $B \rightarrow C P$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 712-715.	2.9	82
57	Measurement of elastic $\bar{p} p$ photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 259-272.	1.5	80
58	Leading neutron production in e+p collisions at HERA. Nuclear Physics B, 2002, 637, 3-56.	0.9	80
59	Search for single-top production in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 559, 153-170.	1.5	79
60	Measurement of the cross section for the reaction $\bar{p} p \rightarrow J/\psi p$ with the ZEUS detector at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 350, 120-134. Measurement of $\langle \mathbb{C} \rangle$ violation in the $B \rightarrow C P$ components in $B \rightarrow C P$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 712-715.	1.5	78
61	Violation in the Phase Space of $B \rightarrow C P$ components in $B \rightarrow C P$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 112, 011801.	2.9	78
62	Study of deep inelastic inclusive and diffractive scattering with the ZEUS forward plug calorimeter. Nuclear Physics B, 2005, 713, 3-80. First observation of $\langle \mathbb{C} \rangle$ violation in the $B \rightarrow C P$ components in $B \rightarrow C P$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 712-715.	0.9	77
63	Measurements of $\langle \mathbb{C} \rangle$ violation in the $B \rightarrow C P$ components in $B \rightarrow C P$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 712-715.	2.9	75
64	Observation of $\langle \mathbb{C} \rangle$ violation in the $B \rightarrow C P$ components in $B \rightarrow C P$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 712-715.	1.6	74
65	Measurement of $\langle \mathbb{C} \rangle$ violation in the $B \rightarrow C P$ components in $B \rightarrow C P$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 712-715.	1.6	74
66	Measurement of $\langle \mathbb{C} \rangle$ violation in the $B \rightarrow C P$ components in $B \rightarrow C P$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 712-715.	1.6	74
67	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
68	Elastic and proton-dissociative. European Physical Journal C, 1998, 2, 247. Measurement of resonant and $\langle \mathbb{C} \rangle$ violation in the $B \rightarrow C P$ components in $B \rightarrow C P$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 712-715.	1.4	74
69	Measurement of resonant and $\langle \mathbb{C} \rangle$ violation in the $B \rightarrow C P$ components in $B \rightarrow C P$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 712-715.	1.6	73
70	Differential branching fraction and angular analysis of the $B \rightarrow \hat{\pi}^+ K + \hat{1}/4 + \hat{1}/4 \hat{\pi}^*$ decay. Journal of High Energy Physics, 2013, 2013, 1. Observation of the Decay $\langle \mathbb{C} \rangle$ violation in the $B \rightarrow C P$ components in $B \rightarrow C P$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 712-715.	1.6	72
71	Observation of the Decay $\langle \mathbb{C} \rangle$ violation in the $B \rightarrow C P$ components in $B \rightarrow C P$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 712-715.	2.9	72
72	Dissociation of virtual photons in events with a leading proton at HERA. European Physical Journal C, 2004, 38, 43-67.	1.4	71

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73	Inclusive W and Z production in the forward region at $\sqrt{s} = 7, \sqrt{13}$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	71
74	Observation of hard scattering in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 404-416.	1.5	70
75	Exclusive photoproduction of $\bar{D}^0$ mesons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 4-12.	1.5	70
76	Observation of direct processes in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 287-300.	1.5	69
77	Dijet cross sections in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 348, 665-680.	1.5	66
78	Exclusive $\bar{D}^0$ production in deep inelastic electron-proton scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 356, 601-616.	1.5	66
79	The design and performance of the ZEUS micro vertex detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 656-686.	0.7	66
80	Measurement of inclusive. European Physical Journal C, 1999, 6, 67.	1.4	66
81	Inclusive-jet and dijet cross sections in deep inelastic scattering at HERA. Nuclear Physics B, 2007, 765, 1-30.	0.9	65
82	Analysis of the resonant components in $B \rightarrow \bar{D}^0 s$ decays. Physical Review D, 2012, 86, 014004.	1.6	65
83	Measurement of the isospin asymmetry in $B \rightarrow \bar{D}^0 s$ decays. Journal of High Energy Physics, 2012, 2012, 165.	1.6	65
84	Measurement of the isospin asymmetry in $B \rightarrow \bar{D}^0 s$ decays. Journal of High Energy Physics, 2012, 2012, 165.	1.6	65
85	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	1.6	65
86	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
87	Observation of $D^0 \rightarrow \bar{D}^0$ oscillations. Physical Review Letters, 2013, 110, 101802.	2.9	65
88	Observation of jet production in deep inelastic scattering with a large rapidity gap at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 228-243.	1.5	63
89	Measurement of the mass and width of the charmed meson $D_s^+$ (2010). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 278, 480-484.	1.5	62
90	Measurement of the longitudinal proton structure function at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 682, 8-22.	1.5	62

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91	First Observation of the Decay $B_c \rightarrow \tau^+ \nu_\tau$ . Physical Review Letters, 2012, 108, 251802.	1.4	61
92	Measurement of open beauty production in photoproduction at HERA. European Physical Journal C, 2001, 18, 625-637.	1.4	61
93	Determination of the Sign of the Decay Width Difference in the $B_s$ . Physical Review Letters, 2012, 108, 241801.	2.9	61
94	Measurement of proton-dissociative diffractive photoproduction of vector mesons at large momentum transfer at HERA. European Physical Journal C, 2003, 26, 389-409.	1.4	60
95	Analysis of the resonant components in $B_c$ . Physical Review Letters, 2012, 108, 241801.	1.5	60
96	Measurement of the spin-density matrix elements in exclusive electroproduction of $\rho^0$ mesons at HERA. European Physical Journal C, 2000, 12, 393-410.	1.4	58
97	Precision measurement of the $B_c \rightarrow \tau^+ \nu_\tau$ oscillation frequency with the decay $B_c \rightarrow \tau^+ \nu_\tau$ . New Journal of Physics, 2013, 15, 053021.	1.2	59
98	Measurement of the diffractive structure function. European Physical Journal C, 1998, 1, 81.	1.4	59
99	Measurement of the spin-density matrix elements in exclusive electroproduction of $\rho^0$ mesons at HERA. European Physical Journal C, 2000, 12, 393-410.	1.4	58
100	Measurement of b-hadron masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	1.5	58
101	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	1.4	58
102	Deep inelastic scattering with leading protons or large rapidity gaps at HERA. Nuclear Physics B, 2009, 816, 1-61.	0.9	57
103	Diffractive hard photoproduction at HERA and evidence for the gluon content of the pomeron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 356, 129-146.	1.5	56
104	Rapidity gaps between jets in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 369, 55-68.	1.5	56
105	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. Journal of High Energy Physics, 2012, 2012, .	1.6	56
106	Observation of a Resonance in $B_c \rightarrow \tau^+ \nu_\tau$ at Low Recoil. Physical Review Letters, 2013, 111, 112003.	2.9	56
107	Dijet photoproduction at HERA and the structure of the photon. European Physical Journal C, 2002, 23, 615-631.	1.4	55
108	Observation of $B_c \rightarrow \tau^+ \nu_\tau$ and $B_c \rightarrow \tau^+ \nu_\tau$ . Physical Review Letters, 2013, 111, 112003.	1.6	55

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109	Measurement of elastic $\rho$ photoproduction at HERA. Zeitschrift für Physik C-Particles and Fields, 1997, 75, 215-228.	1.5	54
110	Measurements of the $\langle \sigma_{\text{tot}} \rangle$ and $\langle \sigma_{\text{el}} \rangle$ for $p$ and $n$ at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.5	54
111	Search for leptoquarks with the ZEUS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 27-35.	1.5	53
112	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
113	Measurement of $\rho$ polarisation in $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	1.4	53
114	Measurement of exclusive $\rho^0$ electroproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 273-288.	1.5	51
115	Measurement of the photon-proton total cross section at a center-of-mass energy of 209 GeV at HERA. Nuclear Physics B, 2002, 627, 3-28.	0.9	51
116	First Observation of the Decay $B \rightarrow K^* \rho^0$ . Physical Review Letters, 2013, 110, 151803.	2.9	51
117	Measurement of high- $Q^2$ charged current cross sections in $e + p$ deep inelastic scattering at HERA. European Physical Journal C, 2003, 32, 1-16.	1.4	50
118	High- $Q^2$ neutral current cross sections in $e + p$ deep inelastic scattering at $\sqrt{s} = 31.8$ GeV. Physical Review D, 2004, 70, .	1.6	50
119	Differential Branching Fraction and Angular Analysis of the Decay $B \rightarrow K^* \rho^0$ . Physical Review Letters, 2012, 108, 181806.	2.9	50
120	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
121	Search for the doubly charmed baryon $\Xi_{cc}^+$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
122	First Evidence of Direct CP Violation in Charmless Two-Body Decays of $B$ . Physical Review Letters, 2012, 108, 201601.	2.9	49
123	Searches for Majorana neutrinos in $B$ decays. Physical Review D, 2012, 85, .	1.6	49
124	Measurement of elastic $\rho$ photoproduction at HERA. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 39-54.	1.5	48
125	Measurement of the cross-section ratio $\langle \sigma_{\text{tot}} \rangle / \langle \sigma_{\text{el}} \rangle$ for $p$ and $n$ at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.5	48



#	ARTICLE	IF	CITATIONS
127	Measurement of $D^{\pm}$ and $D^0$ production in deep inelastic scattering using a lifetime tag at HERA. European Physical Journal C, 2009, 63, 171-188.	1.4	47
128	Measurement of the ratio of prompt $\bar{c}$ production in pp collisions at HERA. European Physical Journal C, 2009, 63, 171-188.	1.5	47
129	Measurement of charm and beauty production in deep inelastic ep scattering at HERA. European Physical Journal C, 2010, 65, 65-79.	1.5	47
130	Measurement of charm and beauty production in deep inelastic ep scattering from decays into muons at HERA. European Physical Journal C, 2010, 65, 65-79.	1.4	46
131	Measurement of high- $Q^2$ charged current cross sections in $e^+p$ deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 539, 197-217.	1.5	45
132	Measurement of isolated photon production in deep inelastic ep scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 16-25.	1.5	45
133	Production and beam annealing of damage in carbon implanted silicon. II. Radiation Effects, 1978, 36, 41-48.	0.4	43
134	Measurement of elastic $\omega$ photoproduction at HERA. Zeitschrift für Physik C-Particles and Fields, 1996, 73, 73-84.	1.5	43
135	Measurement of the open-charm contribution to the diffractive proton structure function. Nuclear Physics B, 2003, 672, 3-35.	0.9	43
136	Measurement of $D^0$ production in pp collisions at HERA. European Physical Journal C, 2009, 63, 171-188.	1.5	43
137	Measurement of the $B_c^+ \rightarrow \mu^+ \nu_\mu$ + meson lifetime using $B_c^+ \rightarrow \mu^+ \nu_\mu \psi$ . European Physical Journal C, 2014, 74, 2839.	1.4	43
138	Measurement of azimuthal asymmetries in deep inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 481, 199-212.	1.5	42
139	The ZEUS Leading Proton Spectrometer and its use in the measurement of elastic $\omega$ photoproduction at HERA. Zeitschrift für Physik C-Particles and Fields, 1997, 73, 253-268.	1.5	41
140	Diffractive photoproduction of dijets in ep collisions at HERA. European Physical Journal C, 2008, 55, 177-191.	1.4	41
141	Absolute luminosity measurements with the LHCb detector at the LHC. Journal of Instrumentation, 2012, 7, P01010-P01010.	0.5	41
142	First observation of the decay $B_c^+ \rightarrow \mu^+ \nu_\mu \psi$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	41
143	Measurement of high- $Q^2$ charged current cross sections in $e^+p$ deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 539, 197-217.	1.4	41
144	Measurements of inelastic $J/\psi$ and $\psi'$ photoproduction at HERA. European Physical Journal C, 2003, 27, 173-188.	1.4	40

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145	Study of $D_s^{\pm}$ production in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 349, 225-237.	1.5	39
146	Search for Lepton Number Violating Decays $B \rightarrow \tau^+ \bar{\nu}_\tau + \nu_\tau + \bar{\nu}_\tau$ and $B \rightarrow \tau^+ \bar{\nu}_\tau + \nu_\tau + \bar{\nu}_\tau$ . Physical Review Letters, 2012, 108, 101601.	1.9	39
147	Inclusive-jet photoproduction at HERA and determination of. Nuclear Physics B, 2012, 864, 1-37.	0.9	39
148	Measurement of the reaction in deep inelastic e+p scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 380, 220-234.	1.5	38
149	Measurement of inelastic $J/\psi$ photoproduction at HERA. Zeitschrift für Physik C-Particles and Fields, 1997, 76, 599-612.	1.5	38
150	Measurement of beauty production in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 599, 173-189.	1.5	38
151	Search for $D^{\pm} \rightarrow \tau^{\pm} \nu_{\tau} + \nu_{\tau} + \bar{\nu}_{\tau}$ decays. Physical Review Letters, 2013, 111, 101801.	1.6	38
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307	Measurement of the effective $\langle m_{\text{eff}} \rangle$ for $B \rightarrow D^{*} e \nu$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 349-356.	1.7	17
308	Observation of $B^0 \rightarrow \pi^0 \mu^+ \mu^-$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	1.4	17
309	Measurement of the effective $\langle m_{\text{eff}} \rangle$ for $B \rightarrow D^{*} e \nu$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 349-356.	0.9	17
310	Observation of $B \rightarrow D^{*} e \nu$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 349-356.	0.9	17
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344	Measurement of heavy-quark jet photoproduction at HERA. European Physical Journal C, 2011, 71, 1.	1.4	13
345	Measurement of the ratio of branching fractions $\frac{B \rightarrow 0 \hat{\tau}^+}{B \rightarrow 0 \hat{\tau}^-}$		

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363	Search for excited electrons using the ZEUS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 207-218.	1.5	12
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365	Observation of scaling violations in scaled momentum distributions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 428-443.	1.5	11
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378	Measurement of the effective $B \rightarrow D^* \pi^0$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 393-400.	1.5	10

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389	The dependence of dijet production on photon virtuality in ep collisions at HERA. European Physical Journal C, 2004, 35, 487-500.	1.4	8
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414	Production of $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x$	1.5	6



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419	Measurement of neutral current cross sections at high Bjorken-x with the ZEUS detector at HERA. European Physical Journal C, 2007, 49, 523-544.	1.4	4
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