

Yury Soloviev

List of Publications by Year in descending order

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237
papers

11,360
citations

23567
58
h-index

38395
95
g-index

239
all docs

239
docs citations

239
times ranked

6964
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined measurement and QCD analysis of the inclusive $e^{\pm}p$ scattering cross sections at HERA. Journal of High Energy Physics, 2010, 2010, 1.	4.7	458
2	Deep-inelastic inclusive ep scattering at low x and a determination of α_s . European Physical Journal C, 2001, 21, 33-61.	3.9	415
3	Combination of measurements of inclusive deep inelastic $e^{\pm}p$ scattering cross sections and QCD analysis of HERA data. European Physical Journal C, 2015, 75, 1.	3.9	383
4	The H1 detector at HERA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 386, 310-347.	1.6	321
5	Measurement of the proton structure function $F_2(x, Q^2)$ in the low-x region at HERA. Nuclear Physics B, 1993, 407, 515-535.	2.5	235
6	Elastic J/ψ production at HERA. European Physical Journal C, 2006, 46, 585-603.	3.9	232
7	Measurement and QCD analysis of the diffractive deep-inelastic scattering cross section at HERA. European Physical Journal C, 2006, 48, 715-748.	3.9	213
8	The tracking, calorimeter and muon detectors of the H1 experiment at HERA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 386, 348-396.	1.6	203
9	Inclusive measurement of diffractive deep-inelastic $\vec{e}p$ scattering. Zeitschrift für Physik C-Particles and Fields, 1997, 76, 613-629.	1.5	201
10	Measurement and QCD analysis of neutral and charged current cross sections at HERA. European Physical Journal C, 2003, 30, 1-32.	3.9	187
11	A measurement and QCD analysis of the proton structure function $F_2(x, Q^2)$ at HERA. Nuclear Physics B, 1996, 470, 3-38.	2.5	184
12	First measurement of the deep-inelastic structure of proton diffraction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 348, 681-696.	4.1	170
13	Deep inelastic scattering events with a large rapidity gap at HERA. Nuclear Physics B, 1994, 429, 477-502.	2.5	166
14	A measurement of the proton structure function $F_2(x, Q^2)$. Nuclear Physics B, 1995, 439, 471-502.	2.5	166
15	Elastic photoproduction of J/ψ and η' mesons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 483, 23-35.	4.1	153
16	Measurement of deeply virtual Compton scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 47-58.	4.1	144
17	Elastic and proton-dissociative photoproduction of J/ψ mesons at HERA. European Physical Journal C, 2013, 73, 1.	3.9	137
18	Combination and QCD analysis of charm production cross section measurements in deep-inelastic ep scattering at HERA. European Physical Journal C, 2013, 73, 1.	3.9	134

#	ARTICLE	IF	CITATIONS
19	Observation of events at very high Q^2 in ep collisions at HERA. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 191-205.	1.5	132
20	Evidence for a narrow anti-charmed baryon state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 588, 17-28.	4.1	120
21	Measurement of the inclusive e^+p scattering cross section at high inelasticity y and of the structure function F_L . European Physical Journal C, 2011, 71, 1.	3.9	110
22	Measurement of neutral and charged current cross sections in electron-proton collisions at high Q^2 . European Physical Journal C, 2001, 19, 269-288.	3.9	107
23	Diffraction deep-inelastic scattering with a leading proton at HERA. European Physical Journal C, 2006, 48, 749-766.	3.9	105
24	On the rise of the proton structure function F_2 towards low x . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 520, 183-190.	4.1	104
25	Measurement of the charm and beauty structure functions using the H1 vertex detector at HERA. European Physical Journal C, 2010, 65, 89-109.	3.9	103
26	Measurement of F_2^{charm} and F_2^{beauty} at low Q^2 and x using the H1 vertex detector at HERA. European Physical Journal C, 2006, 45, 23-33.	3.9	101
27	Measurement of deeply virtual Compton scattering and its t -dependence at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 796-806.	4.1	100
28	Measurement of the inclusive ep scattering cross section at low Q^2 and x at HERA. European Physical Journal C, 2009, 63, 625.	3.9	99
29	Measurement of $D^+ \rightarrow \pi^+ \pi^0$ meson production and F_2^c in deep-inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 528, 199-214.	4.1	97
30	Measurement of F_2^{charm} and F_2^{beauty} at high Q^2 using the H1 vertex detector at HERA. European Physical Journal C, 2005, 40, 349-359.	3.9	96
31	A measurement of the proton structure function $F_2(x, Q^2)$ at low x and low Q^2 at HERA. Nuclear Physics B, 1997, 497, 3-28.	2.5	95
32	Inclusive D^0 and D^{*+} production in neutral current deep inelastic ep scattering at HERA. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 593-605.	1.5	93
33	Diffraction electroproduction of ρ^0 and ω mesons at HERA. Journal of High Energy Physics, 2010, 2010, 1.	4.7	90
34	Elastic and inelastic photoproduction of J/ψ mesons at HERA. Nuclear Physics B, 1996, 472, 3-31.	2.5	89
35	Measurement of the proton structure function F_2^{charm} and F_2^{beauty} at high Q^2 using the H1 vertex detector at HERA. European Physical Journal C, 2005, 40, 349-359.	4.1	89
36	Total photoproduction cross section measurement at HERA energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 299, 374-384.	4.1	84

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37	Measurement of open beauty production at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 467, 156-164.	4.1	83
38	Measurement of meson cross sections at HERA and determination of the gluon density in the proton using NLO QCD. Nuclear Physics B, 1999, 545, 21-44.	2.5	80
39	Measurement of charged particle transverse momentum spectra in deep inelastic scattering. Nuclear Physics B, 1997, 485, 3-22.	2.5	79
40	Hard scattering in $\bar{p}p$ interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 205-213.	4.1	78
41	Elastic electroproduction of \bar{K}^{\pm} and mesons at large Q^2 at HERA. Nuclear Physics B, 1996, 468, 3-33.	2.5	77
42	Determination of the longitudinal proton structure function $F_L(x, Q^2)$ at low x . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 393, 452-464.	4.1	76
43	Measurement and QCD analysis of jet cross sections in deep-inelastic positron-proton collisions at \sqrt{s} of 300 GeV. European Physical Journal C, 2001, 19, 289-311.	3.9	76
44	Measurement of inclusive σ_{ep} cross sections at high Q^2 at $\sqrt{s} = 225$ and 252 GeV and of the longitudinal proton structure function F_L at HERA. European Physical Journal C, 2014, 74, 1.	3.9	76
45	Measurement of leading neutron production in deep-inelastic scattering at HERA. European Physical Journal C, 2010, 68, 381-399.	3.9	75
46	Charmonium production in deep inelastic scattering at HERA. European Physical Journal C, 1999, 10, 373.	3.9	74
47	A precision measurement of the inclusive ep scattering cross section at HERA. European Physical Journal C, 2009, 64, 561-587.	3.9	71
48	A search for leptoquarks, leptogluons and excited leptons in H1 at HERA. Nuclear Physics B, 1993, 396, 3-23.	2.5	69
49	Construction and commissioning of the CALICE analog hadron calorimeter prototype. Journal of Instrumentation, 2010, 5, P05004-P05004.	1.2	68
50	Elastic photoproduction of $\bar{K}^{\pm}0$ mesons at HERA. Nuclear Physics B, 1996, 463, 3-29.	2.5	66
51	Diffraction dissociation in photoproduction at HERA. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 221-235.	1.5	65
52	Tests of QCD factorisation in the diffractive production of dijets in deep-inelastic scattering and photoproduction at HERA. European Physical Journal C, 2007, 51, 549-568.	3.9	63
53	First results of the CALICE SDHCAL technological prototype. Journal of Instrumentation, 2016, 11, P04001-P04001.	1.2	62
54	Deeply virtual Compton scattering and its beam charge asymmetry in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 391-399.		

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55	Jet production in ep collisions at low Q^2 and determination of $\hat{\Gamma}_{\pm}$ s. European Physical Journal C, 2010, 67, 1-24.	3.9	61
56	Jet production in ep collisions at high Q^2 and determination of $\hat{\Gamma}_{\pm}$ s. European Physical Journal C, 2010, 65, 363-383.	3.9	60
57	Measurement of elastic electroproduction of mesons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 483, 360-372.	4.1	59
58	Inclusive production of D^+ , D^0 , $D^+ s$ and D^{*+} mesons in deep inelastic scattering at HERA. European Physical Journal C, 2005, 38, 447-459.	3.9	59
59	Inclusive deep inelastic scattering at high Q^2 with longitudinally polarised lepton beams at HERA. Journal of High Energy Physics, 2012, 2012, 1.	4.7	57
60	A high-granularity scintillator calorimeter readout with silicon photomultipliers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 540, 368-380.	1.6	54
61	Measurement of leading proton and neutron production in deep-inelastic scattering at HERA. European Physical Journal C, 1999, 6, 587.	3.9	54
62	Photoproduction of mesons in electron-proton collisions at HERA. Nuclear Physics B, 1996, 472, 32-51.	2.5	52
63	Inelastic photoproduction of J/ψ mesons at HERA. European Physical Journal C, 2002, 25, 25-39.	3.9	52
64	Inelastic production of J/ψ mesons in photoproduction and deep inelastic scattering at HERA. European Physical Journal C, 2010, 68, 401-420.	3.9	50
65	Inclusive parton cross sections in photoproduction and photon structure. Nuclear Physics B, 1995, 445, 195-215.	2.5	49
66	Combination and QCD analysis of charm and beauty production cross-section measurements in deep inelastic ep scattering at HERA. European Physical Journal C, 2018, 78, 1.	3.9	49
67	Diffraction photoproduction of J/ψ mesons with large momentum transfer at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 205-218.	4.1	48
68	The gluon density of the proton at low x from a QCD analysis of F2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 354, 494-505.	4.1	47
69	Measurement of beauty production at HERA using events with muons and jets. European Physical Journal C, 2005, 41, 453-467.	3.9	47
70	A search for leptoquark bosons and lepton flavor violation in. European Physical Journal C, 1999, 11, 447.	3.9	46
71	Measurement of inclusive jet production in deep-inelastic scattering at high and determination of the strong coupling. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 653, 134-144.	4.1	45
72	Photoproduction of mesons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 338, 507-518.	4.1	44

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73	Search for single top quark production in ep collisions at HERA. European Physical Journal C, 2004, 33, 9-22.	3.9	44
74	A search for leptoquarks at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 369, 173-185.	4.1	43
75	Diffractive jet production in deep-inelastic e^+p collisions at HERA. European Physical Journal C, 2001, 20, 29-49.	3.9	43
76	Observation of events with an isolated high energy lepton and missing transverse momentum at HERA. European Physical Journal C, 1998, 5, 575.	3.9	43
77	Measurement of deeply virtual Compton scattering at HERA. European Physical Journal C, 2005, 44, 1-11.	3.9	42
78	First measurement of the charged current cross section at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 324, 241-248.	4.1	41
79	Measurement of anti-deuteron photoproduction and a search for heavy stable charged particles at HERA. European Physical Journal C, 2004, 36, 413-423.	3.9	41
80	Measurement of D^{\pm} meson production and determination of $F_2^{\text{car}\{c\}}$ at low Q^2 in deep-inelastic scattering at HERA. European Physical Journal C, 2011, 71, 1.	3.9	41
81	Forward jet and particle production at HERA. Nuclear Physics B, 1999, 538, 3-22.	2.5	39
82	Search for compositeness, leptoquarks and large extra dimensions in eq contact interactions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 358-370.	4.1	39
83	Forward jet production in deep inelastic scattering at HERA. European Physical Journal C, 2006, 46, 27-42.	3.9	39
84	Diffractive open charm production in deep-inelastic scattering and photoproduction at HERA. European Physical Journal C, 2007, 50, 1-20.	3.9	39
85	Observation of hard processes in rapidity gap events in $\bar{p}p$ interactions at HERA. Nuclear Physics B, 1995, 435, 3-20.	2.5	38
86	Measurement of the cross section for diffractive deep-inelastic scattering with a leading proton at HERA. European Physical Journal C, 2011, 71, 1.	3.9	38
87	First measurements of beam backgrounds at SuperKEKB. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 914, 69-144.	1.6	38
88	Isolated electrons and muons in events with missing transverse momentum at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 241-257.	4.1	37
89	A study of the fragmentation of quarks in e^+p collisions at HERA. Nuclear Physics B, 1995, 445, 3-21.	2.5	35
90	Measurement of event shape variables in deep-inelastic scattering at HERA. European Physical Journal C, 2006, 46, 343.	3.9	35

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91	Measurement of dijet cross sections in photoproduction at HERA. European Physical Journal C, 2002, 25, 13-23.	3.9	34
92	Measurement of inclusive jet cross-sections in deep-inelastic ep scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 542, 193-206.	4.1	34
93	Measurement of multijet production in e^+p collisions at high Q^2 and determination of the strong coupling α_s \pm s. European Physical Journal C, 2015, 75, 1.	3.9	34
94	Inelastic leptonproduction of J/ψ mesons at HERA. European Physical Journal C, 2002, 25, 41-53.	3.9	33
95	Combined inclusive diffractive cross sections measured with forward proton spectrometers in deep inelastic ep scattering at HERA. European Physical Journal C, 2012, 72, 1.	3.9	33
96	Measurement of event shape variables in deep inelastic e p scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 406, 256-270.	4.1	31
97	A search for excited fermions at HERA. European Physical Journal C, 2000, 17, 567-581.	3.9	31
98	Inclusive measurement of diffractive deep-inelastic scattering at HERA. European Physical Journal C, 2012, 72, 1.	3.9	31
99	Measurement of internal jet structure in dijet production in deep-inelastic scattering at HERA. Nuclear Physics B, 1999, 545, 3-20.	2.5	30
100	Energy flow and rapidity gaps between jets in photoproduction at HERA. European Physical Journal C, 2002, 24, 517-527.	3.9	30
101	Search for leptoquark bosons in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 629, 9-19.	4.1	30
102	Search for first generation leptoquarks in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 388-396.	4.1	30
103	Proton dissociative ρ^0 and elastic ϕ electroproduction at HERA. Zeitschrift für Physik C-Particles and Fields, 1997, 75, 607-618.	1.5	29
104	Search for single top quark production at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 678, 450-458.	4.1	29
105	Diffractive dijet photoproduction in ep collisions at HERA. European Physical Journal C, 2010, 70, 15-37.	3.9	29
106	Hadronic energy resolution of a highly granular scintillator-steel hadron calorimeter using software compensation techniques. Journal of Instrumentation, 2012, 7, P09017-P09017.	1.2	29
107	Inclusive charged particle cross sections in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 328, 176-186.	4.1	28
108	Determination of the strong coupling constant from jet rates in deep inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 415-425.	4.1	28

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109	Measurements of transverse energy flow in deep-inelastic scattering at HERA. European Physical Journal C, 2000, 12, 595-607.	3.9	28
110	Search for QCD instanton-induced processes in deep-inelastic scattering at HERA. European Physical Journal C, 2002, 25, 495-509.	3.9	28
111	Inclusive dijet production at low Bjorken-x in deep inelastic scattering. European Physical Journal C, 2004, 33, 477-493.	3.9	28
112	A direct search for stable magnetic monopoles produced in positron-proton collisions at HERA. European Physical Journal C, 2005, 41, 133-141.	3.9	28
113	Scaling violations of the proton structure function F ₂ at small x. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 321, 161-167.	4.1	27
114	Strangeness production in deep-inelastic positron-proton scattering at HERA. Nuclear Physics B, 1996, 480, 3-34.	2.5	27
115	Photo-production of J(2S) mesons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 421, 385-394.	4.1	27
116	A general search for new phenomena at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 674, 257-268.	4.1	27
117	Three-jet production in deep-inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 515, 17-29.	4.1	26
118	Measurement of prompt photon cross sections in photoproduction at HERA. European Physical Journal C, 2005, 38, 437-445.	3.9	26
119	Study of charm fragmentation into D *Â± mesons in deep-inelastic scattering at HERA. European Physical Journal C, 2009, 59, 589-606. Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mi>D</mml:mi><mml:mrow><mml:mo>â—</mml:mo><mml:mo>Â±</mml:mo></mml:mrow></mml:math>	3.9	26
120	Meson production cross section and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:msubsup><mml:mi>F</mml:mi><mml:mn>2</mml:mn><mml:mrow><mml:mi>c</mml:mi><mml:mover accent="true"><mml:mi>c</mml:mi><mml:mo>Â</mml:mo></mml:mover></mml:mrow></mml:math>. Physics Let	4.1	26
121	A general search for new phenomena in ep scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 602, 14-30.	4.1	26
122	Leptoquarks and compositeness scales from a contact interaction analysis of deep inelastic eÂ±p scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 353, 578-588.	4.1	25
123	Measurement of the Q ² dependence of the charged and neutral current cross sections in eÂ±p scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 379, 319-329.	4.1	25
124	First measurement of charged current cross sections at HERA with longitudinally polarised positrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 634, 173-179.	4.1	25
125	Inclusive D*Â± meson and associated dijet production in deep-inelastic scattering at HERA. European Physical Journal C, 2007, 51, 271.	3.9	25
126	Evolution of ep fragmentation and multiplicity distributions in the Breit frame. Nuclear Physics B, 1997, 504, 3-23.	2.5	24

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127	Measurement of di-jet cross-sections in photoproduction and photon structure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 483, 36-48.	4.1	24
128	Investigation of power corrections to event shape variables measured in deep-inelastic scattering. European Physical Journal C, 2000, 14, 255-269.	3.9	24
129	Search for doubly-charged Higgs boson production at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 638, 432-440.	4.1	24
130	Measurement of charm and beauty dijet cross sections in photoproduction at HERA using the H1 vertex detector. European Physical Journal C, 2006, 47, 597-610.	3.9	24
131	Measurement of dijet production in diffractive deep-inelastic scattering with a leading proton at HERA. European Physical Journal C, 2012, 72, 1.	3.9	24
132	Low Q ² jet production at HERA and virtual photon structure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 415, 418-434.	4.1	23
133	Forward J/ψ-meson production at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 462, 440-452.	4.1	23
134	Search for new physics in e [±] q contact interactions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 35-47.	4.1	23
135	A determination of electroweak parameters at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 632, 35-42.	4.1	23
136	Measurement of jet production cross sections in deep-inelastic ep scattering at HERA. European Physical Journal C, 2017, 77, 1.	3.9	23
137	Measurement of the hadronic final state in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 469-478.	4.1	22
138	Measurement of the inclusive di-jet cross section in photoproduction and determination of an effective parton distribution in the photon. European Physical Journal C, 1998, 1, 97.	3.9	22
139	A measurement of the t dependence of the helicity structure of diffractive J/ψ-meson electroproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 539, 415-424.	4.1	22
140	Measurement of charm and beauty photoproduction at HERA using  . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 35-47.	4.1	22
141	DEPFET Active Pixel Detectors for a Future Linear e ⁺ e ⁻ Collider. IEEE Transactions on Nuclear Science, 2013, 60, 1457-1465.	2.0	22
142	A direct determination of the gluon density in the proton at low x. Nuclear Physics B, 1995, 449, 3-21.	2.5	21
143	Thrust jet analysis of deep-inelastic large-rapidity-gap events. European Physical Journal C, 1998, 1, 495-507.	3.9	21
144	Hadron production in diffractive deep-inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 428, 206-220.	4.1	21

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145	Search for odderon-induced contributions to exclusive γe^+e^- photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 544, 35-43.	4.1	21
146	Photoproduction with a leading proton at HERA. Nuclear Physics B, 2001, 619, 3-21.	2.5	20
147	Measurement of isolated photon production in deep-inelastic scattering at HERA. European Physical Journal C, 2008, 54, 371-387.	3.9	20
148	Prompt photons in photoproduction at HERA. European Physical Journal C, 2010, 66, 17-33.	3.9	20
149	Electromagnetic response of a highly granular hadronic calorimeter. Journal of Instrumentation, 2011, 6, P04003-P04003.	1.2	20
150	Searches at HERA for squarks in R-parity violating supersymmetry. European Physical Journal C, 2001, 20, 639-657.	3.9	19
151	A search for leptoquark bosons in e^+p collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 523, 234-242.	4.1	19
152	Muon pair production in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 28-40.	4.1	19
153	Photoproduction of dijets with high transverse momenta at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 639, 21-31.	4.1	19
154	Diffraction dijet production with a leading proton in ep collisions at HERA. Journal of High Energy Physics, 2015, 2015, 1.	4.7	19
155	Charged particle cross sections in photoproduction and extraction of the gluon density in the photon. European Physical Journal C, 1999, 10, 363.	3.9	19
156	Measurement of inclusive jet cross sections in photoproduction at HERA. European Physical Journal C, 2003, 29, 497-513.	3.9	18
157	Multi-electron production at high transverse momenta in ep collisions at HERA. European Physical Journal C, 2003, 31, 17-29.	3.9	18
158	Forward π^0 production and associated transverse energy flow in deep-inelastic scattering at HERA. European Physical Journal C, 2004, 36, 441-452.	3.9	18
159	Measurement of dijet cross sections in ep interactions with a leading neutron at HERA. European Physical Journal C, 2005, 41, 273-286.	3.9	18
160	Search for a narrow baryonic resonance decaying to $K_S^0 p K^0$ in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 639, 202-209.	4.1	18
161	The γ + production by 40-70 GeV neutrons on carbon. Zeitschrift für Physik C-Particles and Fields, 1984, 23, 333-338.	1.5	17
162	Observation of deep inelastic scattering at low x. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 299, 385-393.	4.1	17

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163	Measurement of dijet production at low Q^2 at HERA. European Physical Journal C, 2004, 37, 141-159.	3.9	17
164	Charged particle production in high Q^2 deep-inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 654, 148-159.	4.1	17
165	Measurement of Feynman- x spectra of photons and neutrons in the very forward direction in deep-inelastic scattering at HERA. European Physical Journal C, 2014, 74, 1.	3.9	17
166	The time structure of hadronic showers in highly granular calorimeters with tungsten and steel absorbers. Journal of Instrumentation, 2014, 9, P07022-P07022.	1.2	17
167	Search for squark production in R-parity violating supersymmetry at HERA. European Physical Journal C, 2004, 36, 425-440.	3.9	16
168	Diffraction photoproduction of ρ -mesons with large momentum transfer at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 638, 422-431.	4.1	16
169	Events with isolated leptons and missing transverse momentum and measurement of W production at HERA. European Physical Journal C, 2009, 64, 251-271.	3.9	16
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