

Malte Hildebrandt

List of Publications by Year in descending order

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177
papers

7,402
citations

66234

42
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62479

80
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all docs

180
docs citations

180
times ranked

7488
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring the $\hat{1}\pm$ -particle charge radius with muonic helium-4 ions. <i>Nature</i> , 2021, 589, 527-531.	13.7	62
2	A photogrammetric method for target monitoring inside the MEG II detector. <i>Review of Scientific Instruments</i> , 2021, 92, 043707.	0.6	4
3	The Search for $\hat{1}\frac{1}{4} + \hat{1}\frac{1}{2} e + \hat{1}\frac{1}{2} e + \hat{1}\frac{1}{2} e$ with $10\hat{1}\frac{1}{2}$ Sensitivity: The Upgrade of the MEG Experiment. <i>Symmetry</i> , 2021, 13, 1591.		20
4	MuCap: Muon Capture on the Proton. <i>SciPost Physics Proceedings</i> , 2021, , .	0.2	3
5	The ultra light Drift Chamber of the MEG II experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 958, 162152.	0.7	8
6	The Mu3e scintillating fiber timing detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 958, 162564.	0.7	5
7	Demonstration of Muon-Beam Transverse Phase-Space Compression. <i>Physical Review Letters</i> , 2020, 125, 164802.	2.9	11
8	Search for lepton flavour violating muon decay mediated by a new light particle in the MEG experiment. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	10
9	Commissioning of the MEG II tracker system. <i>Journal of Instrumentation</i> , 2020, 15, C06056-C06056.	0.5	7
10	An automatic system for the wiring of Drift Chambers for modern high intensity and high precision particle physics experiments. <i>Journal of Instrumentation</i> , 2020, 15, C07034-C07034.	0.5	4
11	The drift chamber of the MEG II experiment. <i>Journal of Instrumentation</i> , 2020, 15, C09051-C09051.	0.5	1
12	Precise photographic monitoring of MEG II thin-film muon stopping target position and shape. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 944, 162511.	0.7	5
13	A fast and quasi non-invasive muon beam monitor working at the intensity frontier. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 936, 634-635.	0.7	3
14	muCool: a novel low-energy muon beam for future precision experiments. <i>Hyperfine Interactions</i> , 2019, 240, 1.	0.2	5
15	muCool: a next step towards efficient muon beam compression. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	6
16	The construction technique of the new MEG II tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 936, 495-496.	0.7	3
17	Characterization of Cryogenic SiPM Down to 6.5K. , 2019, , .		2
18	Evaluation of a ZnS: $\langle\text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e174" altimg="si3.gif">\langle\text{mml:msup}>\langle\text{mml:mrow}>/>\langle\text{mml:mrow}>\langle\text{mml:mn}>6\langle\text{mml:mn}>\langle\text{mml:mrow}>\langle\text{mml:msup}>\langle\text{mml:math}>$ LiF based scintillation neutron detector at high counting rates. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 936, 34-35.	0.7	4

#	ARTICLE	IF	CITATIONS
19	Evaluation of ZnS: ⁶ LiF and ZnO: ⁶ LiF Scintillation Neutron Detectors Readout With SiPMs. IEEE Transactions on Nuclear Science, 2018, 65, 2061-2067.	1.2	5
20	On the double peak structure of avalanche photodiode response to monoenergetic x-rays at various temperatures and bias voltages. Journal of Instrumentation, 2018, 13, C01033-C01033.	0.5	1
21	The next generation of laser spectroscopy experiments using light muonic atoms. Journal of Physics: Conference Series, 2018, 1138, 012010.	0.3	19
22	The design of the MEGÂII experiment. European Physical Journal C, 2018, 78, 1.	1.4	162
23	Gas distribution and monitoring for the drift chamber of the MEG II experiment. Journal of Instrumentation, 2018, 13, P06018-P06018.	0.5	9
24	A 16-ch module for thermal neutron detection using ZnS:6LiF scintillator with embedded WLS fibers coupled to SiPMs and its dedicated readout electronics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 494-498.	0.7	14
25	Experiments towards resolving the proton charge radius puzzle. EPJ Web of Conferences, 2016, 113, 01006.	0.1	20
26	A new cylindrical drift chamber for the MEG II experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 589-591.	0.7	3
27	Search for the lepton flavour violating decay $\mu^+ \rightarrow e^+ \gamma \frac{1}{4} \hat{a}^{\dagger} e + \hat{1}^3$ with the full dataset of the MEG experiment. European Physical Journal C, 2016, 76, 1.	1.4	525
28	Trigger Efficiency of a ZnS: ⁶ LiF Scintillation Neutron Detector Readout With a SiPM. IEEE Transactions on Nuclear Science, 2016, 63, 2271-2277.	1.2	8
29	A new concept of 2D scintillation detector for thermal neutrons based on a light sharing approach. , 2016, , .		0
30	New approaches for a 2D neutron detector based on ZnS: ⁶ LiF scintillator read out with WLS-fibers and SiPMs. , 2016, , .		0
31	Muon polarization in the MEG experiment: predictions and measurements. European Physical Journal C, 2016, 76, 1.	1.4	9
32	Measurement of the radiative decay of polarized muons in the MEG experiment. European Physical Journal C, 2016, 76, 1.	1.4	15
33	Digital signal processing for a thermal neutron detector using ZnS(Ag):6LiF scintillating layers read out with WLS fibers and SiPMs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 319-321.	0.7	11
34	Detection of thermal neutrons using ZnS(Ag):6LiF neutron scintillator read out with WLS fibers and SiPMs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 204-207.	0.7	8
35	Measurement of the formation rate of muonic hydrogen molecules. Physical Review C, 2015, 91, .	1.1	19
36	Improved x-ray detection and particle identification with avalanche photodiodes. Review of Scientific Instruments, 2015, 86, 053102.	0.6	8

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37	A SiPM-based ZnS:6LiF scintillation neutron detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 787, 361-366.	0.7	23
38	Muon Cooling: Longitudinal Compression. Physical Review Letters, 2014, 112, 224801.	2.9	22
39	A high-pressure hydrogen time projection chamber for the MuCap experiment. European Physical Journal A, 2014, 50, 1.	1.0	4
40	Upgrade of the POLDI diffractometer with a ZnS(Ag)/ ⁶ LiF scintillation detector read out with WLS fibers coupled to SiPMs. Journal of Physics: Conference Series, 2014, 528, 012041.	0.3	3
41	Measurement of Inner Bremsstrahlung in Polarized Muon Decay with MEG. Nuclear Physics, Section B, Proceedings Supplements, 2014, 248-250, 108-111.	0.5	0
42	Evaluation of two thermal neutron detection units consisting of ZnS/ 6 LiF scintillating layers with embedded WLS fibers read out with a SiPM. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 764, 299-304.	0.7	19
43	One hundred years of the Franck-Hertz experiment. European Physical Journal D, 2014, 68, 1.	0.6	11
44	Measurement of inclusive σ_{ep} cross sections at high Q^2 at $\sqrt{s} = 225$ GeV and of the longitudinal proton structure function F_L at HERA. European Physical Journal C, 2014, 74, 1.	1.4	76
45	The proposed trigger-less TBit/s readout for the Mu3e experiment. Journal of Instrumentation, 2014, 9, C01011-C01011.	0.5	9
46	Use of Silicon Photomultipliers in ZnS: ⁶ LiF scintillation neutron detectors: signal extraction in presence of high dark count rates. Journal of Instrumentation, 2014, 9, P06015-P06015.	0.5	6
47	The MEG detector for $\frac{1}{4} + \frac{1}{2} e + \frac{1}{4}$ decay search. European Physical Journal C, 2013, 73, 1.	1.4	104
48	Elastic and proton-dissociative photoproduction of J/ψ mesons at HERA. European Physical Journal C, 2013, 73, 1.	1.4	137
49	Measurement of charged particle spectra in deep-inelastic ep scattering at HERA. European Physical Journal C, 2013, 73, 1.	1.4	8
50	New Constraint on the Existence of the $\frac{1}{4}$ meson. Physical Review Letters, 2013, 110, 201801.	2.9	456
51	Combination and QCD analysis of charm production cross section measurements in deep-inelastic ep scattering at HERA. European Physical Journal C, 2013, 73, 1.	1.4	134
52	Measurement of Muon Capture on the Proton to 1% Precision and Determination of the Pseudoscalar Coupling g_P . Physical Review Letters, 2013, 110, 012504.	2.9	51
53	Fundamental issues in fluid modeling: Direct substitution and aliasing methods. Journal of Chemical Physics, 2012, 137, 214112.	1.2	10
54	Inclusive deep inelastic scattering at high Q^2 with longitudinally polarised lepton beams at HERA. Journal of High Energy Physics, 2012, 2012, 1.	1.6	57

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73	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.	1.4	41
74	Measurement of photon production in the very forward direction in deep-inelastic scattering at HERA. European Physical Journal C, 2011, 71, 1.	1.4	9
75	Measurement of the diffractive longitudinal structure function F_L^D at HERA. European Physical Journal C, 2011, 71, 1.	1.4	9
76	The 10bar hydrogen time projection chamber of the MuCap experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 628, 199-203.	0.7	39
77	Calibration and monitoring of the MEG experiment by a proton beam from a Cockcroft-Walton accelerator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 641, 19-32.	0.7	27
78	Search for lepton flavour violation at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 20-30.	1.5	11
79	The low-mass drift chamber system of the MEG experiment. , 2011, , .		0
80	Measurement of the charm and beauty structure functions using the H1 vertex detector at HERA. European Physical Journal C, 2010, 65, 89-109.	1.4	103
81	Jet production in ep collisions at high Q^2 and determination of $\hat{\Gamma}_{\pm}$ s. European Physical Journal C, 2010, 65, 363-383.	1.4	60
82	Prompt photons in photoproduction at HERA. European Physical Journal C, 2010, 66, 17-33.	1.4	20
83	Jet production in ep collisions at low Q^2 and determination of $\hat{\Gamma}_{\pm}$ s. European Physical Journal C, 2010, 67, 1-24.	1.4	61
84	Measurement of leading neutron production in deep-inelastic scattering at HERA. European Physical Journal C, 2010, 68, 381-399.	1.4	75
85	Inelastic production of J/ψ mesons in photoproduction and deep inelastic scattering at HERA. European Physical Journal C, 2010, 68, 401-420.	1.4	50
86	Diffractive dijet photoproduction in ep collisions at HERA. European Physical Journal C, 2010, 70, 15-37.	1.4	29
87	Combined measurement and QCD analysis of the inclusive $e^{\pm} p$ scattering cross sections at HERA. Journal of High Energy Physics, 2010, 2010, 1.	1.6	458
88	Events with an isolated lepton and missing transverse momentum and measurement of W production at HERA. Journal of High Energy Physics, 2010, 2010, 1.	1.6	8
89	Diffractive electroproduction of \bar{D} and D mesons at HERA. Journal of High Energy Physics, 2010, 2010, 1.	1.6	90
90	The drift chamber system of the MEG experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 623, 111-113.	0.7	13

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91	Measurement of the inclusive meson production cross section and meson production cross section and D^{\pm} mesons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 219-226.	1.5	26
92	Local Transients of Flooding and Current in Channel and Land Areas of a Polymer Electrolyte Fuel Cell. Journal of Physical Chemistry C, 2010, 114, 11998-12002.	1.5	21
93	A limit for the decay from the MEG experiment. Nuclear Physics B, 2010, 834, 1-12.	0.9	84
94	Multi-leptons with high transverse momentum at HERA. Journal of High Energy Physics, 2009, 2009, 013-013.	1.6	5
95	Measurement of diffractive scattering of photons with large momentum transfer at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 219-226.	1.5	5
96	Inclusive photoproduction of K^{\pm} mesons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 674, 257-268.	1.5	4
97	A general search for new phenomena at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 674, 257-268.	1.5	27
98	Search for excited quarks in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 678, 335-343.	1.5	9
99	Search for single top quark production at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 678, 450-458.	1.5	29
100	Observation of the hadronic final state charge asymmetry in high Q^2 deep-inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 125-133.	1.5	7
101	Deeply virtual Compton scattering and its beam charge asymmetry in $e p$ collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 391-399.	1.5	15
102	Study of charm fragmentation into D^{\pm} mesons in deep-inelastic scattering at HERA. European Physical Journal C, 2009, 59, 589-606.	1.4	26
103	Strangeness production at low Q^2 in deep-inelastic ep scattering at HERA. European Physical Journal C, 2009, 61, 185-205.	1.4	4
104	Measurement of the inclusive ep scattering cross section at low Q^2 and x at HERA. European Physical Journal C, 2009, 63, 625.	1.4	99
105	Events with isolated leptons and missing transverse momentum and W production at HERA. European Physical Journal C, 2009, 64, 251-271.	1.4	16
106	A precision measurement of the inclusive ep scattering cross section at HERA. European Physical Journal C, 2009, 64, 561-587.	1.4	71
107	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.	1.5	100
108	A search for excited neutrinos in $e p$ collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 382-389.	1.5	12

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109	Measurement of the proton structure function F_2 at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 665, 139-146.	1.5	89
110	Search for excited electrons in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 666, 131-139.	1.5	15
111	Multi-lepton production at high transverse momenta in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 668, 268-276.	1.5	13
112	A vertex trigger based on cylindrical multiwire proportional chambers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 586, 190-203.	0.7	28
113	Measurement of isolated photon production in deep-inelastic scattering at HERA. European Physical Journal C, 2008, 54, 371-387.	1.4	20
114	Three- and four-jet production at low x at HERA. European Physical Journal C, 2008, 54, 389.	1.4	2
115	Measurement of the Muon Capture Rate in Hydrogen Gas and Determination of the Proton g_P Pseudoscalar Coupling. Physical Review Letters, 2007, 99, 032002.	2.9	69
116	A circulating hydrogen ultra-high purification system for the MuCap experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 578, 485-497.	0.7	22
117	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.	1.5	45
118	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.	1.5	17
119	Diffraction open charm production in deep-inelastic scattering and photoproduction at HERA. European Physical Journal C, 2007, 50, 1-20.	1.4	39
120	Inclusive D^*_{\pm} meson cross sections and D^*_{\pm} -jet correlations in photoproduction at HERA. European Physical Journal C, 2007, 50, 251-267.	1.4	13
121	Inclusive D^*_{\pm} meson and associated dijet production in deep-inelastic scattering at HERA. European Physical Journal C, 2007, 51, 271.	1.4	25
122	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.	1.4	63
123	A determination of electroweak parameters at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 632, 35-42.	1.5	23
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.	1.5	25
125	Diffractive photoproduction of \bar{J} -mesons with large momentum transfer at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 638, 422-431.	1.5	16
126	Photoproduction of dijets with high transverse momenta at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 639, 21-31.	1.5	19

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127	Search for doubly-charged Higgs boson production at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 638, 432-440.	1.5	24
128	Search for a narrow baryonic resonance decaying to $K_S^0 p K_S^0 \bar{p}$ in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 639, 202-209.	1.5	18
129	Tau lepton production in ep collisions at HERA. European Physical Journal C, 2006, 48, 699-714.	1.4	10
130	Measurement and QCD analysis of the diffractive deep-inelastic scattering cross section at HERA. European Physical Journal C, 2006, 48, 715-748.	1.4	213
131	Diffractive deep-inelastic scattering with a leading proton at HERA. European Physical Journal C, 2006, 48, 749-766.	1.4	105
132	Measurement of $F_2^{\text{car}\{c\}}$ and $F_2^{\text{bar}\{b\}}$ at low Q^2 and x^* using the H1 vertex detector at HERA. European Physical Journal C, 2006, 45, 23-33.	1.4	101
133	Forward jet production in deep inelastic scattering at HERA. European Physical Journal C, 2006, 46, 27-42.	1.4	39
134	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.	1.4	24
135	Search for light gravitinos in events with photons and missing transverse momentum at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 616, 31-42.	1.5	7
136	Measurement of charm and beauty photoproduction at HERA using  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/col" data-bbox="85 495 785 565"/>	1.5	22
137	Search for leptoquark bosons in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 629, 9-19.	1.5	30
138	Measurement of $F_2^{\text{car}\{c\}}$ and $F_2^{\text{bar}\{b\}}$ at high Q^2 using the H1 vertex detector at HERA. European Physical Journal C, 2005, 40, 349-359.	1.4	96
139	Measurement of deeply virtual Compton scattering at HERA. European Physical Journal C, 2005, 44, 1-11.	1.4	42
140	Inclusive dijet production at low Bjorken- x in deep inelastic scattering. European Physical Journal C, 2004, 33, 477-493.	1.4	28
141	Measurement of anti-deuteron photoproduction and a search for heavy stable charged particles at HERA. European Physical Journal C, 2004, 36, 413-423.	1.4	41
142	Forward π^0 production and associated transverse energy flow in deep-inelastic scattering at HERA. European Physical Journal C, 2004, 36, 441-452.	1.4	18
143	Measurement of dijet production at low Q^2 at HERA. European Physical Journal C, 2004, 37, 141-159.	1.4	17
144	Muon pair production in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 28-40.	1.5	19

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145	Measurement of the proton structure function F_2^p in deep-inelastic scattering at HERA. European Physical Journal C, 2003, 26, 345-355.	1.5	4
146	Search for bosonic stop decays in R-parity violating supersymmetry in $e^+e^- \rightarrow t\bar{t} + \text{hadrons}$ at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 35-47.	1.5	5
147	Measurement of the $\sigma_{\text{had}}^{\text{ep}}$ production cross section in 920 GeV fixed-target proton-nucleus collisions. European Physical Journal C, 2003, 26, 345-355.	1.4	23
148	Measurement of inclusive jet cross sections in photoproduction at HERA. European Physical Journal C, 2003, 29, 497-513.	1.4	18
149	Multi-electron production at high transverse momenta in ep collisions at HERA. European Physical Journal C, 2003, 31, 17-29.	1.4	18
150	Search for new physics in e^+e^- contact interactions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 35-47.	1.5	23
151	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.	1.5	48
152	A first level trigger subsystem CIP2k for the H1 experiment at HERA. Nuclear Physics, Section B, Proceedings Supplements, 2003, 125, 277-281.	0.5	0
153	J/ψ production via $\bar{c}c$ decays in 920 GeV ep interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 61-72.	1.5	29
154	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.	1.5	37
155	Aging tests with GEM-MSGCs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 515, 255-260.	0.7	1
156	Measurement of dijet cross sections in photoproduction at HERA. European Physical Journal C, 2002, 25, 13-23.	1.4	34
157	Measurement of dijet electroproduction at small jet separation. European Physical Journal C, 2002, 24, 33-41.	1.4	0
158	Search for excited neutrinos at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 525, 9-16.	1.5	13
159	Measurement of $D_s^+ \rightarrow \mu^+ \nu_\mu$ meson production and F_2^D in deep-inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 528, 199-214.	1.5	97
160	A measurement of the t dependence of the helicity structure of diffractive ρ meson electroproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 539, 25-39.	1.5	22
161	Diffraction photoproduction of $\tilde{\Gamma}(2S)$ mesons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 541, 251-264.	1.5	66
162	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.	1.5	34

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163	Search for odderon-induced contributions to exclusive π^0 photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 544, 35-43.	1.5	21
164	Search for excited electrons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 548, 35-44.	1.5	15
165	Photoproduction with a leading proton at HERA. Nuclear Physics B, 2001, 619, 3-21.	0.9	20
166	Measurement of neutral and charged current cross sections in electron-proton collisions at high Q^2 . European Physical Journal C, 2001, 19, 269-288.	1.4	107
167	Dijet production in charged and neutral current e^+p interactions at high Q^2 . European Physical Journal C, 2001, 19, 429-440.	1.4	13
168	Diffraction jet production in deep-inelastic e^+p collisions at HERA. European Physical Journal C, 2001, 20, 29-49.	1.4	43
169	Deep-inelastic inclusive ep scattering at low x and a determination of α_s . European Physical Journal C, 2001, 21, 33-61.	1.4	415
170	Three-jet production in deep-inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 515, 17-29.	1.5	26
171	Measurement of deeply virtual Compton scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 47-58.	1.5	144
172	On the rise of the proton structure function F2 towards low x. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 520, 183-190.	1.5	104
173	D_s^{\pm} meson production in deep-inelastic diffractive interactions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 520, 191-203.	1.5	15
174	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.	1.5	19
175	Electron transport theory in gases: must it be so difficult?. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 394, 74-86.	0.7	13
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