

Malte Hildebrandt

List of Publications by Year in descending order

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177
papers

7,402
citations

66315

42
h-index

62565

80
g-index

180
all docs

180
docs citations

180
times ranked

7488
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for the lepton flavour violating decay $\mu^+ \rightarrow e + \gamma$ with the full dataset of the MEG experiment. European Physical Journal C, 2016, 76, 1.	1.4	525
2	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
3	New Constraint on the Existence of the $\mu^+ \rightarrow e + \gamma$ decay. Physical Review Letters, 2013, 110, 201801.	2.9	456
4	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
5	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
6	New Limit on the Lepton-Flavor-Violating Decay $\mu^+ \rightarrow e + \gamma$. Physical Review Letters, 2011, 107, 171801.	2.9	207
7	The design of the MEG-II experiment. European Physical Journal C, 2018, 78, 1.	1.4	162
8	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
9	Elastic and proton-dissociative photoproduction of J/ψ mesons at HERA. European Physical Journal C, 2013, 73, 1.	1.4	137
10	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
11	Measurement of the inclusive $e^\pm p$ scattering cross section at high inelasticity y and of the structure function F ₂ . European Physical Journal C, 2011, 71, 1.	1.4	110
12	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
13	Diffractive deep-inelastic scattering with a leading proton at HERA. European Physical Journal C, 2006, 48, 749-766.	1.4	105
14	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.	1.5	104
15	The MEG detector for $\mu^+ \rightarrow e + \gamma$ decay search. European Physical Journal C, 2013, 73, 1.	1.4	104
16	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
17	Measurement of F ₂ ^c and F ₂ ^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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Measurement of $D_s^+ - \bar{D}_s^+$ 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.	1.5	97
21	Measurement of F_2^{car} and F_2^{bar} at high Q^2 using the H1 vertex detector at HERA. European Physical Journal C, 2005, 40, 349-359.	1.4	96
22	Diffraction electroproduction of ρ^+ and ρ^0 mesons at HERA. Journal of High Energy Physics, 2010, 2010, 1.	1.6	90
23	Measurement of the proton structure function F_2^p at high Q^2 and x at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 665, 139-146.	1.5	89
24	A limit for the decay from the MEG experiment. Nuclear Physics B, 2010, 834, 1-12.	0.9	84
25	Measurement of inclusive $e p$ cross sections at high Q^2 at $s = 225$ and 252 GeV and of the longitudinal proton structure function F_L at HERA. European Physical Journal C, 2014, 74, 1.	1.4	76
26	Measurement of leading neutron production in deep-inelastic scattering at HERA. European Physical Journal C, 2010, 68, 381-399.	1.4	75
27	A precision measurement of the inclusive ep scattering cross section at HERA. European Physical Journal C, 2009, 64, 561-587.	1.4	71
28	Measurement of the Muon Capture Rate in Hydrogen Gas and Determination of the Proton's Pseudoscalar Coupling g_P . Physical Review Letters, 2007, 99, 032002.	2.9	69
29	Illuminating the proton radius conundrum: the ^4He Lamb shift. This paper was presented at the International Conference on Precision Physics of Simple Atomic Systems, held at Collège de Physique, les Houches, France, 30 May - 4 June, 2010. Canadian Journal of Physics, 2011, 89, 47-57.	0.4	69
30	Diffraction photoproduction of $\rho(2S)$ mesons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 541, 251-264.	1.5	66
31	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
32	Measuring the $\hat{\rho}$ -particle charge radius with muonic helium-4 ions. Nature, 2021, 589, 527-531.	13.7	62
33	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	61
34	Jet production in ep collisions at low Q^2 and determination of $\hat{\rho}$ s. European Physical Journal C, 2010, 67, 1-24.	1.4	61
35	Jet production in ep collisions at high Q^2 and determination of $\hat{\rho}$ s. European Physical Journal C, 2010, 65, 363-383.	1.4	60
36	A detailed study of strange particle production in $e^+ e^-$ annihilation at high energy. Zeitschrift für Physik C-Particles and Fields, 1985, 27, 27-37.	1.5	59

#	ARTICLE	IF	CITATIONS
37	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
38	Measurement of Muon Capture on the Proton to 1% Precision and Determination of the Pseudoscalar Coupling $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msub} \langle \text{mml:mi} \rangle g \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$. Physical Review Letters, 2013, 110, 012504.	2.9	51
39	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
40	Diffractive 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
41	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
42	Diffractive jet production in deep-inelastic e^+p collisions at HERA. European Physical Journal C, 2001, 20, 29-49.	1.4	43
43	Measurement of deeply virtual Compton scattering at HERA. European Physical Journal C, 2005, 44, 1-11.	1.4	42
44	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
45	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
46	Forward jet production in deep inelastic scattering at HERA. European Physical Journal C, 2006, 46, 27-42.	1.4	39
47	Diffractive open charm production in deep-inelastic scattering and photoproduction at HERA. European Physical Journal C, 2007, 50, 1-20.	1.4	39
48	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
49	Measurement of the cross section for diffractive deep-inelastic scattering with a leading proton at HERA. European Physical Journal C, 2011, 71, 1.	1.4	38
50	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
51	Measurement of dijet cross sections in photoproduction at HERA. European Physical Journal C, 2002, 25, 13-23.	1.4	34
52	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
53	Combined inclusive diffractive cross sections measured with forward proton spectrometers in deep inelastic ep scattering at HERA. European Physical Journal C, 2012, 72, 1.	1.4	33
54	Inclusive measurement of diffractive deep-inelastic scattering at HERA. European Physical Journal C, 2012, 72, 1.	1.4	31

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73	Search for new physics in $e^{\pm}q$ contact interactions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 35-47.	1.5	23
74	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
75	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
76	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
77	A measurement of charm and beauty photoproduction at HERA using $\langle \text{miml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" \rangle$	1.5	22
78	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
79	The Lamb-shift experiment in Muonic helium. Hyperfine Interactions, 2012, 212, 195-201.	0.2	22
80	Muon Cooling: Longitudinal Compression. Physical Review Letters, 2014, 112, 224801.	2.9	22
81	Search for odderon-induced contributions to exclusive ρ^0 photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 544, 35-43.	1.5	21
82	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
83	Photoproduction with a leading proton at HERA. Nuclear Physics B, 2001, 619, 3-21.	0.9	20
84	Measurement of isolated photon production in deep-inelastic scattering at HERA. European Physical Journal C, 2008, 54, 371-387.	1.4	20
85	Prompt photons in photoproduction at HERA. European Physical Journal C, 2010, 66, 17-33.	1.4	20
86	Experiments towards resolving the proton charge radius puzzle. EPJ Web of Conferences, 2016, 113, 01006.	0.1	20
87	The Search for $\hat{1}/4 + \hat{\alpha}^{\dagger} e + \hat{1}^3$ with $10\hat{\alpha}^{\dagger}14$ Sensitivity: The Upgrade of the MEG Experiment. Symmetry, 2021, 13, 1591.		20
88	A search for leptoquark bosons in $e\hat{\alpha}^{\dagger}p$ collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 523, 234-242.	1.5	19
89	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
90	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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91	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
92	Measurement of the formation rate of muonic hydrogen molecules. Physical Review C, 2015, 91, .	1.1	19
93	The next generation of laser spectroscopy experiments using light muonic atoms. Journal of Physics: Conference Series, 2018, 1138, 012010.	0.3	19
94	Measurement of inclusive jet cross sections in photoproduction at HERA. European Physical Journal C, 2003, 29, 497-513.	1.4	18
95	Multi-electron production at high transverse momenta in ep collisions at HERA. European Physical Journal C, 2003, 31, 17-29.	1.4	18
96	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
97	Search for a narrow baryonic resonance decaying to $K_S^0 p$ or $K_S^0 p \Lambda^+$ in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 639, 202-209.	1.5	18
98	Measurement of dijet production at low Q^2 at HERA. European Physical Journal C, 2004, 37, 141-159.	1.4	17
99	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
100	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.	1.5	16
101	Events with isolated leptons and missing transverse momentum and Λ measurement of W production at HERA. European Physical Journal C, 2009, 64, 251-271.	1.4	16
102	Search for contact interactions in e^+e^- collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 52-58.	1.5	16
103	Measurement of charm and beauty jets in deep inelastic scattering at HERA. European Physical Journal C, 2011, 71, 1.	1.4	16
104	$D_s^* \rightarrow \Lambda^+$ 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
105	Search for excited electrons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 548, 35-44.	1.5	15
106	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
107	Measurement of the radiative decay of polarized muons in the MEC experiment. European Physical Journal C, 2016, 76, 1.	1.4	15
108	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

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109	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
110	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
111	Search for excited neutrinos at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 525, 9-16.	1.5	13
112	Inclusive $D^*\hat{A}\pm$ meson cross sections and $D^*\hat{A}\pm$ -jet correlations in photoproduction at HERA. European Physical Journal C, 2007, 50, 251-267.	1.4	13
113	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
114	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
115	Measurement of beauty photoproduction near threshold using di-electron events with the H1 detector at HERA. European Physical Journal C, 2012, 72, 1.	1.4	13
116	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.	1.4	13
117	Determination of the integrated luminosity at HERA using elastic QED Compton events. European Physical Journal C, 2012, 72, 1.	1.4	12
118	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
119	One hundred years of the Franck-Hertz experiment. European Physical Journal D, 2014, 68, 1.	0.6	11
120	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
121	Demonstration of Muon-Beam Transverse Phase-Space Compression. Physical Review Letters, 2020, 125, 164802.	2.9	11
122	Tau lepton production in ep collisions at HERA. European Physical Journal C, 2006, 48, 699-714.	1.4	10
123	Fundamental issues in fluid modeling: Direct substitution and aliasing methods. Journal of Chemical Physics, 2012, 137, 214112.	1.2	10
124	Search for lepton flavour violating muon decay mediated by a new light particle in the MEG experiment. European Physical Journal C, 2020, 80, 1.	1.4	10
125	Diffusion and drift studies of Ar-DME/CO ₂ /CH ₄ gas mixtures for a radial TPC in the $E \gg B$ field. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 398, 249-264.	0.7	9
126	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

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127	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
128	Measurement of the diffractive longitudinal structure function F_L^D at HERA. European Physical Journal C, 2011, 71, 1.	1.4	9
129	Measurement of the azimuthal correlation between the most forward jet and the scattered positron in deep-inelastic scattering at HERA. European Physical Journal C, 2012, 72, 1.	1.4	9
130	The proposed trigger-less TBit/s readout for the Mu3e experiment. Journal of Instrumentation, 2014, 9, C01011-C01011.	0.5	9
131	Muon polarization in the MEG experiment: predictions and measurements. European Physical Journal C, 2016, 76, 1.	1.4	9
132	Gas distribution and monitoring for the drift chamber of the MEG II experiment. Journal of Instrumentation, 2018, 13, P06018-P06018.	0.5	9
133	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
134	Search for squarks in R-parity violating supersymmetry in e^+e^- collisions at HERA. European Physical Journal C, 2011, 71, 1.	1.4	8
135	Measurement of inclusive and dijet $\hat{\sigma}$ meson cross sections in photoproduction at HERA. European Physical Journal C, 2012, 72, 1.	1.4	8
136	Measurement of charged particle spectra in deep-inelastic ep scattering at HERA. European Physical Journal C, 2013, 73, 1.	1.4	8
137	Improved x-ray detection and particle identification with avalanche photodiodes. Review of Scientific Instruments, 2015, 86, 053102.	0.6	8
138	Trigger Efficiency of a ${}^6\text{LiF}$ Scintillation Neutron Detector Readout With a SiPM. IEEE Transactions on Nuclear Science, 2016, 63, 2271-2277.	1.2	8
139	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
140	The ultra light Drift Chamber of the MEG II experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162152.	0.7	8
141	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
142	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
143	Measurement of beauty and charm photoproduction using semi-muonic decays in dijet events at HERA. European Physical Journal C, 2012, 72, 1.	1.4	7
144	Commissioning of the MEG II tracker system. Journal of Instrumentation, 2020, 15, C06056-C06056.	0.5	7

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145	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
146	muCool: a next step towards efficient muon beam compression. European Physical Journal C, 2019, 79, 1.	1.4	6
147	Search for bosonic stop decays in R-parity violating supersymmetry in $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/common/struct-ce/dtd" xmlns:mi="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll" > < mml:msup > < mml:mrow > < mml:mn > 6 < /mml:mn > < /mml:mrow > < /mml:msup > < /mml:math >$ LiF based scintillation neutron detector at high counting rates. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 34-35.	1.5	5
148	Multi-leptons with high transverse momentum at HERA. Journal of High Energy Physics, 2009, 2009, 013-013.	1.6	5
149	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
150	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
151	Precise photographic monitoring of MEG II thin-film muon stopping target position and shape. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 944, 162511.	0.7	5
152	muCool: a novel low-energy muon beam for future precision experiments. Hyperfine Interactions, 2019, 240, 1.	0.2	5
153	The Mu3e scintillating fiber timing detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162564.	0.7	5
154	Measurement of the proton structure function $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/common/struct-ce/dtd" xmlns:mi="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll" > < mml:msup > < mml:mrow > < mml:mn > 6 < /mml:mn > < /mml:mrow > < /mml:msup > < /mml:math >$ LiF based scintillation neutron detector at high counting rates. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 34-35.	1.5	4
155	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 219-226.	1.5	4
156	Strangeness production at low Q ² in deep-inelastic ep scattering at HERA. European Physical Journal C, 2009, 61, 185-205.	1.4	4
157	The Lamb shift in muonic hydrogen and the proton radius. Physics Procedia, 2011, 17, 10-19.	1.2	4
158	A high-pressure hydrogen time projection chamber for the MuCap experiment. European Physical Journal A, 2014, 50, 1.	1.0	4
159	Evaluation of a ZnS: ⁶ LiF based scintillation neutron detector at high counting rates. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 34-35.	0.7	4
160	A photogrammetric method for target monitoring inside the MEG II detector. Review of Scientific Instruments, 2021, 92, 043707.	0.6	4
161	An automatic system for the wiring of Drift Chambers for modern high intensity and high precision particle physics experiments. Journal of Instrumentation, 2020, 15, C07034-C07034.	0.5	4
162	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

#	ARTICLE	IF	CITATIONS
163	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
164	A fast and quasi non-invasive muon beam monitor working at the intensity frontier. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 634-635.	0.7	3
165	The construction technique of the new MEG II tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 495-496.	0.7	3
166	MuCap: Muon Capture on the Proton. SciPost Physics Proceedings, 2021, , .	0.2	3
167	Three- and four-jet production at low x at HERA. European Physical Journal C, 2008, 54, 389.	1.4	2
168	Characterization of Cryogenic SiPM Down to 6.5â€¦K. , 2019, , .		2
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