

Curtis A Meyer

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274
papers

11,315
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59
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92
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284
ext. papers

12,411
ext. citations

4
avg, IF

4.31
L-index

#	Paper	IF	Citations
274	Observation of an exotic $S = +1$ baryon in exclusive photoproduction from the deuteron. <i>Physical Review Letters</i> , 2003 , 91, 252001	7.4	341
273	The H1 detector at HERA. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 386, 310-347	1.2	254
272	The crystal barrel spectrometer at LEAR. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 321, 69-108	1.2	249
271	Measurement of the proton structure function $F_2(x, Q^2)$ in the low- x region at HERA. <i>Nuclear Physics B</i> , 1993 , 407, 515-535	2.8	220
270	Observation of Exclusive Deeply Virtual Compton Scattering in Polarized Electron Beam Asymmetry Measurements. <i>Physical Review Letters</i> , 2001 , 87,	7.4	219
269	Observation of an exotic baryon with $S=+1$ in photoproduction from the proton. <i>Physical Review Letters</i> , 2004 , 92, 032001	7.4	217
268	Differential cross sections for $\bar{p} \rightarrow K^{*+} Y$ for Λ and Σ hyperons. <i>Physical Review C</i> , 2006 , 73,	2.7	210
267	Physics opportunities with the 12 GeV upgrade at Jefferson Lab. <i>European Physical Journal A</i> , 2012 , 48, 1	2.5	188
266	Measurement of two- and three-nucleon short-range correlation probabilities in nuclei. <i>Physical Review Letters</i> , 2006 , 96, 082501	7.4	181
265	Evidence of Λ hypernuclear production in the $^{12}\text{C}(K^+K^+)^{12}\text{Be}$ reaction. <i>Physical Review C</i> , 2000 , 61,	2.7	180
264	Electroexcitation of nucleon resonances from CLAS data on single pion electroproduction. <i>Physical Review C</i> , 2009 , 80,	2.7	173
263	Q^2 Dependence of quadrupole strength in the $\gamma^* p \rightarrow \Delta^+(1232) \rightarrow p \pi^0$ transition. <i>Physical Review Letters</i> , 2002 , 88, 122001	7.4	169
262	First measurement of the deep-inelastic structure of proton diffraction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 348, 681-696	4.2	159
261	The tracking, calorimeter and muon detectors of the H1 experiment at HERA. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 386, 348-396	1.2	158
260	A measurement of the proton structure function $F_2(x, Q^2)$. <i>Nuclear Physics B</i> , 1995 , 439, 471-502	2.8	157
259	Deep inelastic scattering events with a large rapidity gap at HERA. <i>Nuclear Physics B</i> , 1994 , 429, 477-502	2.8	154
258	Hyperon photoproduction in the nucleon resonance region. <i>Physical Review C</i> , 2004 , 69,	2.7	146

257	The experimental status of glueballs. <i>Progress in Particle and Nuclear Physics</i> , 2009 , 63, 74-116	10.6	139
256	Measurement of deeply virtual compton scattering beam-spin asymmetries. <i>Physical Review Letters</i> , 2008 , 100, 162002	7.4	122
255	First measurement of beam-recoil observables Cx and Cz in hyperon photoproduction. <i>Physical Review C</i> , 2007 , 75,	2.7	118
254	Observation of two JPC=0 ⁺⁺ isoscalar resonances at 1365 and 1520 MeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 323, 233-241	4.2	118
253	Differential cross section and recoil polarization measurements for the $\bar{p} \rightarrow K^+ \pi^-$ reaction using CLAS at Jefferson Lab. <i>Physical Review C</i> , 2010 , 81,	2.7	116
252	Coupled channel analysis of pp annihilation into $\pi^0\pi^0$, $\pi^0\pi^+$ and $\pi^0\pi^-\pi^0$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 355, 425-432	4.2	116
251	High-statistics study of f0(1500) decay into $\pi^0\pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 342, 433-439	4.2	113
250	Eta photoproduction on the proton for photon energies from 0.75 to 1.95 GeV. <i>Physical Review Letters</i> , 2002 , 89, 222002	7.4	107
249	Observation of a new IG(JPC)=1 ⁰ (⁰ ++) resonance at 1450 MeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 333, 277-282	4.2	106
248	Observation of nuclear scaling in the A(e,e γ) reaction at xB>1. <i>Physical Review C</i> , 2003 , 68,	2.7	105
247	Measurement of ep \rightarrow e' ppi ⁺ pi ⁻ and baryon resonance analysis. <i>Physical Review Letters</i> , 2003 , 91, 022002	7.4	96
246	Measurement of the x- and Q ² -dependence of the asymmetry A1 on the nucleon. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 641, 11-17	4.2	95
245	Measurement of beam-spin asymmetries for π^0 electroproduction above the baryon resonance region. <i>Physical Review D</i> , 2004 , 69,	4.9	95
244	Experimental study of the P11(1440) and D13(1520) resonances from the CLAS data on ep \rightarrow e' π^0 π^0 . <i>Physical Review C</i> , 2012 , 86,	2.7	94
243	The ep \rightarrow e'p eta reaction at and above the S11(1535) baryon resonance. <i>Physical Review Letters</i> , 2001 , 86, 1702-6	7.4	93
242	π^0 photoproduction on the proton for photon energies from 0.725 to 2.875 GeV. <i>Physical Review C</i> , 2009 , 79,	2.7	89
241	Hybrid mesons. <i>Progress in Particle and Nuclear Physics</i> , 2015 , 82, 21-58	10.6	86
240	Measurement of the π^0 photoproduction line shapes near the $\rho(1405)$. <i>Physical Review C</i> , 2013 , 87,	2.7	86

239	Measurement of deeply virtual compton scattering with a polarized-proton target. <i>Physical Review Letters</i> , 2006 , 97, 072002	7.4	85
238	Differential cross sections for the reactions $\bar{p} \rightarrow p\bar{\Delta}$ and $\bar{p} \rightarrow p\pi$ <i>Physical Review C</i> , 2009 , 80,	2.7	82
237	Search for the Theta+ pentaquark in the reaction $\gamma p \rightarrow pK^+K^0n$. <i>Physical Review Letters</i> , 2006 , 96, 212001	7.4	79
236	Measurement of the $N \rightarrow \Delta(1232)$ transition at high-momentum transfer by $\pi(0)$ electroproduction. <i>Physical Review Letters</i> , 2006 , 97, 112003	7.4	79
235	Total photoproduction cross section measurement at HERA energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 299, 374-384	4.2	78
234	Q^2 dependence of the $S_{11}(1535)$ photocoupling and evidence for a P-wave resonance in π electroproduction. <i>Physical Review C</i> , 2007 , 76,	2.7	73
233	Analyzing power in pion-proton bremsstrahlung, and the $\Delta^{++}(1232)$ magnetic moment. <i>Physical Review D</i> , 1991 , 44, 1962-1974	4.9	73
232	π^0 photoproduction on the proton for photon energies from 0.675 to 2.875 GeV. <i>Physical Review C</i> , 2007 , 76,	2.7	72
231	Hard scattering in \bar{p} interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 297, 205-213	4.2	72
230	Measurement of the total photon proton cross section and its decomposition at 200 GeV centre of mass energy. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 69, 27-38		69
229	First Measurement of Near-Threshold J/ψ Exclusive Photoproduction off the Proton. <i>Physical Review Letters</i> , 2019 , 123, 072001	7.4	68
228	Precise measurement of the neutron magnetic form factor G_M^n in the few-GeV ² region. <i>Physical Review Letters</i> , 2009 , 102, 192001	7.4	68
227	A search for leptoquarks, leptogluons and excited leptons in H1 at HERA. <i>Nuclear Physics B</i> , 1993 , 396, 3-23	2.8	67
226	Search for Theta+ (1540) Pentaquark in High-Statistics Measurement of $\gamma p \rightarrow K^0K^+n$ at CLAS. <i>Physical Review Letters</i> , 2006 , 96, 042001	7.4	66
225	Proton-antiproton annihilation into Δ observation of a scalar resonance decaying into $\pi\pi$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 291, 347-354	4.2	66
224	Photoproduction of straight $\phi(1020)$ mesons on the proton at large momentum transfer. <i>Physical Review Letters</i> , 2000 , 85, 4682-6	7.4	65
223	Observation of a $2^+ +$ resonance at 1515 MeV in proton-antiproton annihilations into $3\pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 260, 249-258	4.2	64
222	Measurement of the proton spin structure function $g_1(x, Q^2)$ for Q^2 from 0.15 to 1.6 GeV ² with CLAS. <i>Physical Review Letters</i> , 2003 , 91, 222002	7.4	62

221	Search for medium modifications of the rho meson. <i>Physical Review Letters</i> , 2007 , 99, 262302	7.4	61
220	The pseudoscalar mixing angle θ_S from π^0 and η production in annihilation at rest. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 294, 451-456	4.2	61
219	Measurement of single- and double-spin asymmetries in deep inelastic pion electroproduction with a longitudinally polarized target. <i>Physical Review Letters</i> , 2010 , 105, 262002	7.4	60
218	Differential cross sections and recoil polarizations for the reaction $\bar{p} \rightarrow K^+ \pi^-$. <i>Physical Review C</i> , 2010 , 82,	2.7	60
217	Towards a resolution of the proton form factor problem: new electron and positron scattering data. <i>Physical Review Letters</i> , 2015 , 114, 062003	7.4	59
216	Electroexcitation of the Roper resonance for 1.7. <i>Physical Review C</i> , 2008 , 78,	2.7	59
215	Antiproton-proton annihilation at rest into two-body final states. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 58, 175-189		58
214	Transverse energy and forward jet production in the low x regime at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 356, 118-128	4.2	55
213	Observation of radiative annihilation into a η meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 346, 363-370	4.2	54
212	First measurement of transferred polarization in the exclusive $ep \rightarrow e'K^+ \Lambda$ reaction. <i>Physical Review Letters</i> , 2003 , 90, 131804	7.4	53
211	Absorption of the π^0 and η mesons in nuclei. <i>Physical Review Letters</i> , 2010 , 105, 112301	7.4	52
210	η' photoproduction on the proton for photon energies from 1.527 to 2.227 GeV. <i>Physical Review Letters</i> , 2006 , 96, 062001	7.4	52
209	Search for the H-Dibaryon in $H^3e(K^+K^+)Hn$. <i>Physical Review Letters</i> , 1997 , 78, 3646-3649	7.4	51
208	Cross sections and beam asymmetries for $e \rightarrow p \rightarrow e n \pi^+$ in the nucleon resonance region for 1.7-2.5 GeV. <i>Physical Review C</i> , 2008 , 77,	2.7	51
207	Light vector mesons in the nuclear medium. <i>Physical Review C</i> , 2008 , 78,	2.7	51
206	Differential photoproduction cross sections of the $\rho(1385)$, $\omega(1405)$, and $\omega(1520)$. <i>Physical Review C</i> , 2013 , 88,	2.7	50
205	Measurement of the polarized structure function Π_T for $p(e \rightarrow, e'p)\pi^0$ in the $\rho(1232)$ resonance region. <i>Physical Review C</i> , 2003 , 68,	2.7	49
204	Kinematically complete measurement of the proton structure function F_2 in the resonance region and evaluation of its moments. <i>Physical Review D</i> , 2003 , 67,	4.9	48

203	Inclusive parton cross sections in photoproduction and photon structure. <i>Nuclear Physics B</i> , 1995 , 445, 195-215	2.8	48
202	π^0 threshold enhancement in $p\bar{p}$ annihilations into $\pi^0\pi^0$ at rest. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 340, 259-263	4.2	48
201	Search for the Ω_c pentaquark in the reactions $\bar{p}\rightarrow K^+K^+n$ and $\bar{p}\rightarrow K^+K^0p$. <i>Physical Review D</i> , 2006 , 74,	4.9	47
200	The gluon density of the proton at low x from a QCD analysis of F2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 354, 494-505	4.2	47
199	Measurement of semi-inclusive π^0 electroproduction off the proton. <i>Physical Review D</i> , 2009 , 80,	4.9	46
198	Single π^0 electroproduction on the proton in the first and second resonance regions at 0.25GeV ² . <i>Physical Review C</i> , 2006 , 73,	2.7	46
197	High statistics study of $\Omega(1500)$ s decay into π^0 <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 353, 571-577	4.2	46
196	Measurement of inclusive jet cross sections in photoproduction at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 314, 436-444	4.2	45
195	Differential cross sections and spin density matrix elements for the reaction $\bar{p}\rightarrow p\pi^0$ <i>Physical Review C</i> , 2009 , 80,	2.7	44
194	E decays to π^0n annihilation at rest. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 358, 389-398	4.2	44
193	Photoproduction of mesons at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 338, 507-518	4.2	44
192	Separated structure functions for the exclusive electroproduction of $K^+\pi^0$ and $K^0\pi^+$ final states. <i>Physical Review C</i> , 2007 , 75,	2.7	43
191	First measurement of the charged current cross section at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 324, 241-248	4.2	40
190	Measurement of exclusive (π^0) electroproduction structure functions and their relationship to transverse generalized parton distributions. <i>Physical Review Letters</i> , 2012 , 109, 112001	7.4	39
189	Status of exotic-quantum-number mesons. <i>Physical Review C</i> , 2010 , 82,	2.7	39
188	Exclusive π^0 electroproduction on the proton at CLAS. <i>European Physical Journal A</i> , 2009 , 39, 5-31	2.5	39
187	Observation of a scalar resonance decaying to $\pi^0\pi^0$ in annihilation at rest. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 322, 431-440	4.2	38
186	Moments of the spin structure functions g_1^p and g_1^d for 0.05. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 672, 12-16	4.2	37

185	Quark-hadron duality in spin structure functions g_1^p and g_1^d . <i>Physical Review C</i> , 2007 , 75,	2.7	37
184	Measurement of the polarized structure function Γ_T for $p(e, e'\pi^+)n$ in the $\Delta(1232)$ resonance region. <i>Physical Review C</i> , 2004 , 70,	2.7	37
183	Observation of hard processes in rapidity gap events in $\bar{p}p$ interactions at HERA. <i>Nuclear Physics B</i> , 1995 , 435, 3-20	2.8	37
182	P- versus S-wave at rest in LH2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 297, 214-218	4.2	37
181	Spin and parity measurement of the $\Delta(1405)$ baryon. <i>Physical Review Letters</i> , 2014 , 112,	7.4	35
180	Search for the Theta+ Pentaquark in the $\gamma n \rightarrow \Delta^+ K^0$ reaction measured with the CLAS spectrometer. <i>Physical Review Letters</i> , 2006 , 97, 032001	7.4	35
179	Measurement of the beam asymmetry Σ for Δ^0 and \bar{p} photoproduction on the proton at E ₉ GeV. <i>Physical Review C</i> , 2017 , 95,	2.7	34
178	Complete angular distribution measurements of two-body deuteron photodisintegration between 0.5 and 3 GeV. <i>Physical Review C</i> , 2004 , 70,	2.7	34
177	Photoproduction of the omega meson on the proton at large momentum transfer. <i>Physical Review Letters</i> , 2003 , 90, 022002	7.4	34
176	Measurement of inclusive spin structure functions of the deuteron. <i>Physical Review C</i> , 2003 , 67,	2.7	34
175	Further analysis of $pp \rightarrow \Delta^0, \Delta^+$ and Δ^0 at rest. <i>Nuclear Physics A</i> , 1996 , 609, 562-584	1.3	34
174	First results from the GlueX experiment 2016 ,		34
173	Single and double spin asymmetries for deeply virtual Compton scattering measured with CLAS and a longitudinally polarized proton target. <i>Physical Review D</i> , 2015 , 91,	4.9	33
172	Exclusive $\gamma p \rightarrow \Delta^+ K^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 605, 256-264	7.4	33
171	Deeply virtual and exclusive electroproduction of Δ mesons. <i>European Physical Journal A</i> , 2005 , 24, 445-458	5.5	33
170	Energy flow and charged particle spectra in deep inelastic scattering at HERA. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1994 , 63, 377-389		32
169	Two-nucleon momentum distributions measured in $^3\text{He}(e, e'pp)n$. <i>Physical Review Letters</i> , 2004 , 92, 052303	7.4	31
168	Onset of asymptotic scaling in deuteron photodisintegration. <i>Physical Review Letters</i> , 2005 , 94, 012301	7.4	31

167	Electroproduction of ρ^0 off protons at 0.2. <i>Physical Review C</i> , 2009 , 79,	2.7	30
166	Data analysis techniques, differential cross sections, and spin density matrix elements for the reaction $\bar{p} \rightarrow \pi^0 p$. <i>Physical Review C</i> , 2014 , 89,	2.7	29
165	Beam-recoil polarization transfer in the nucleon resonance region in the exclusive $e \rightarrow p \rightarrow e' K^+ \Delta^0$ and $e \rightarrow p \rightarrow e' K^+ \Delta^0$ reactions at the CLAS spectrometer. <i>Physical Review C</i> , 2009 , 79,	2.7	29
164	Partial wave analysis of the reaction $\bar{p} \rightarrow \rho^0$ and the search for nucleon resonances. <i>Physical Review C</i> , 2009 , 80,	2.7	29
163	Measurement of the differential cross section for the reaction $\gamma \rightarrow \pi^- p$ from deuterium. <i>Physical Review Letters</i> , 2009 , 103, 012301	7.4	29
162	Cascade production in the reactions $\bar{p} \rightarrow K^+ K^+ (X)$ and $\bar{p} \rightarrow K^+ K^0 (X)$. <i>Physical Review C</i> , 2007 , 76,	2.7	29
161	$4(\pi)$ -decays of scalar and vector mesons. <i>European Physical Journal C</i> , 2001 , 21, 261-269	4.2	29
160	First measurement of the helicity asymmetry E in photoproduction on the proton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 755, 64-69	4.2	29
159	Center of Mass Motion of Short-Range Correlated Nucleon Pairs studied via the $A(e, e^{\prime})pp$ Reaction. <i>Physical Review Letters</i> , 2018 , 121, 092501	7.4	29
158	Inclusive charged particle cross sections in photoproduction at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 328, 176-186	4.2	28
157	Pion correlations in relativistic heavy ion collisions for three symmetric systems. <i>Physical Review C</i> , 1991 , 43, 2670-2688	2.7	28
156	Antiproton-proton annihilation at rest into ρ^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 311, 362-370	4.2	28
155	Beam spin asymmetries in deeply virtual Compton scattering (DVCS) with CLAS at 4.8 GeV. <i>Physical Review C</i> , 2009 , 80,	2.7	27
154	Photoproduction of ρ^0 meson pairs on the proton. <i>Physical Review D</i> , 2009 , 80,	4.9	27
153	Radiative decays of the $\Sigma(1385)$ and $\Sigma(1520)$ hyperons. <i>Physical Review C</i> , 2005 , 71,	2.7	27
152	Study of (f_0) decays into four neutral pions. <i>European Physical Journal C</i> , 2001 , 19, 667-675	4.2	27
151	Determination of the strong coupling constant from jet rates in deep inelastic scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 346, 415-425	4.2	27
150	A study of the fragmentation of quarks in $e^- p$ collisions at HERA. <i>Nuclear Physics B</i> , 1995 , 445, 3-21	2.8	27

149	Precise measurements of beam spin asymmetries in semi-inclusive \bar{D} production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 397-402	4.2	26
148	Search for the photoexcitation of exotic mesons in the $\pi^+\pi^+\pi^-$ system. <i>Physical Review Letters</i> , 2009 , 102, 102002	7.4	26
147	High-mass η -meson states from $p\bar{d}$ -annihilation at rest into $\pi^+\pi^0$ spectator. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 391, 191-196	4.2	26
146	Decay dynamics of the process $\bar{D} \rightarrow 3\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 417, 193-196	4.2	26
145	Polarized structure function $\Pi T'$ for $H_1(e^-, e'K^+)$ in the nucleon resonance region. <i>Physical Review C</i> , 2008 , 77,	2.7	26
144	Cross sections for the $\bar{p} \rightarrow K^*0$ reaction at $E_{\bar{p}} = 1.7$ to 3.0 GeV. <i>Physical Review C</i> , 2007 , 75,	2.7	26
143	Scaling violations of the proton structure function F_2 at small x . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 321, 161-167	4.2	26
142	Evidence for the onset of color transparency in \bar{D} electroproduction off nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 712, 326-330	4.2	24
141	Electroproduction of $\eta(1020)$ mesons at $1.4 < Q^2 < 3.8$ GeV ² measured with the CLAS spectrometer. <i>Physical Review C</i> , 2008 , 78,	2.7	24
140	Experimental study of exclusive $2H(e, e'p)n$ reaction mechanisms at high Q^2 . <i>Physical Review Letters</i> , 2007 , 98, 262502	7.4	24
139	Proton-Antiproton annihilation at 900 MeV/c into $(\pi^0\pi^+\pi^0, \pi^0\pi^+\pi^0\eta)$ and $(\pi^0\eta\eta)$. <i>European Physical Journal C</i> , 2002 , 23, 29-41	4.2	24
138	Reviewing the evidence for pentaquarks. <i>Journal of Physics: Conference Series</i> , 2005 , 9, 192-204	0.3	24
137	Electroproduction of the $\Sigma(1520)$ hyperon. <i>Physical Review C</i> , 2001 , 64,	2.7	24
136	Electron scattering from high-momentum neutrons in deuterium. <i>Physical Review C</i> , 2006 , 73,	2.7	23
135	Exclusive photoproduction of the cascade (Ξ) hyperons. <i>Physical Review C</i> , 2005 , 71,	2.7	23
134	Leptoquarks and compositeness scales from a contact interaction analysis of deep inelastic $e\bar{p}$ scattering at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 353, 578-588	4.2	23
133	A search for leptoquarks and squarks at HERA. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1994 , 64, 545-558		23
132	Differential cross section of $\bar{D} \rightarrow \pi^+\pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 688, 289-293	4.2	22

131	Momentum dependence of the decay $\Lambda \rightarrow p\pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 417, 197-201	4.2	22
130	Measurement of $ep \rightarrow ep\pi^0$ beam spin asymmetries above the resonance region. <i>Physical Review C</i> , 2008 , 77,	2.7	22
129	Search for double- Λ hypernuclei and the H-dibaryon in the (K^+K^+) reaction on ^{12}C . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 478, 401-407	4.2	22
128	Measurement of the hadronic final state in deep inelastic scattering at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 298, 469-478	4.2	22
127	Photoproduction of the $f_1(1285)$ meson. <i>Physical Review C</i> , 2016 , 93,	2.7	21
126	Photon beam asymmetry Σ for Λ and Σ^0 photoproduction from the proton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 213-221	4.2	21
125	Tensor correlations measured in $^3\text{He}(e, e' p p)n$. <i>Physical Review Letters</i> , 2010 , 105, 222501	7.4	21
124	Multivariate side-band subtraction using probabilistic event weights. <i>Journal of Instrumentation</i> , 2009 , 4, P10003-P10003	1	21
123	First measurement of the polarization observable E in the $p \rightarrow (\Lambda, \Sigma)n$ reaction up to 2.25 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 750, 53-58	4.2	20
122	Experimental determination of the complete spin structure for $p \rightarrow \Lambda$ at $pp = 1.637 \text{ GeV}/c$. <i>Physical Review C</i> , 2006 , 74,	2.7	20
121	Experimental study of hard photon radiation processes at HERA. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 66, 529-542		20
120	Measurement of the differential and total cross sections of the $\bar{d} \rightarrow K^0(p)$ reaction within the resonance region. <i>Physical Review C</i> , 2017 , 96,	2.7	19
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111	Determination of the proton spin structure functions for 0.05. <i>Physical Review C</i> , 2017 , 96,	2.7	17
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108	First measurement of target and double spin asymmetries for $e\rightarrow p\rightarrow ep\bar{0}$ in the nucleon resonance region above the $\Delta(1232)$. <i>Physical Review C</i> , 2008 , 78,	2.7	17
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101	Exclusive electroproduction of Δ mesons at 4.2 GeV. <i>Physical Review C</i> , 2001 , 63,	2.7	16
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99	Δ decays into three pions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 346, 203-207	4.2	16
98	Construction and performance of a thin cylindrical multiwire proportional chamber with cathode pad readout for the H1-experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 312, 457-466	1.2	16
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92	Electromagnetic decay of the $\rho(1385)$ to π^0 <i>Physical Review D</i> , 2011 , 83,	4.9	15
91	First observations of Pontecorvo reactions with a recoiling neutron. <i>Zeitschrift für Physik A</i> , 1995 , 351, 325-331		15
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89	Search for a new light gauge boson in decays of ρ^0 and ω <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 333, 271-276	4.2	15
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87	Observation of resonances in the reaction $(\bar{p} p) \rightarrow \pi^0 \eta \eta'$ at 1.94 GeV/(c^2) 1999 , 8, 67		15
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84	Annihilation at rest of antiprotons and protons into neutral particles. <i>Nuclear Physics A</i> , 2003 , 720, 357-363		14
83	First observation of the production of nucleon resonances in antiproton annihilation in liquid deuterium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 352, 187-192	4.2	14
82	Comparison of deep inelastic scattering with photoproduction interactions at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 358, 412-422	4.2	14
81	A direct determination of the gluon density in the proton at low x . <i>Nuclear Physics B</i> , 1995 , 449, 3-21	2.8	14
80	A fast pipelined trigger for the H1 experiment based on multiwire proportional chamber signals. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 323, 532-536	1.2	14
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78	Differential cross section measurements for $\pi^+ \rightarrow \pi^0$ above the first nucleon resonance region. <i>Physical Review C</i> , 2017 , 96,	2.7	13

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64	p \bar{d} -annihilation at rest into $\pi^0 \pi^0$ spectator. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 450, 275-280	4.2	11
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62	Search for baryon-number and lepton-number violating decays of Λ hyperons using the CLAS detector at Jefferson Laboratory. <i>Physical Review D</i> , 2015 , 92,	4.9	10
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34	Measurement of the nucleon structure function F2 in the nuclear medium and evaluation of its moments. <i>Nuclear Physics A</i> , 2010 , 845, 1-32	1.3	5
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11	Depolarization and spin transfer in with a polarized target. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2004 , 214, 167-170	1.2	1
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9	Test of chiral perturbation theory in \bar{K} decays 1994 , 107, 2589-2594		1
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