

David G Ireland

List of Publications by Year in descending order

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282
papers

9,495
citations

38742

50
h-index

56724

83
g-index

285
all docs

285
docs citations

285
times ranked

4052
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Correlations in Optical Angle-Resolved Orbital Angular Momentum Variables. <i>Science</i> , 2010, 329, 662-665.	12.6	508
2	Differential cross sections for \hat{K}^{++} and \hat{K}^0 hyperons. <i>Physical Review C</i> , 2006, 73, .	2.9	255
3	Momentum sharing in imbalanced Fermi systems. <i>Science</i> , 2014, 346, 614-617.	12.6	233
4	Measurement of Two- and Three-Nucleon Short-Range Correlation Probabilities in Nuclei. <i>Physical Review Letters</i> , 2006, 96, 082501.	7.8	225
5	Basic instrumentation for Hall A at Jefferson Lab. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 522, 294-346.	1.6	215
6	Electroexcitation of nucleon resonances from CLAS data on single pion electroproduction. <i>Physical Review C</i> , 2009, 80, .	2.9	199
7	Determination of the neutron electric form factor in the $D(e,e^2n)p$ reaction and the influence of nuclear binding. <i>European Physical Journal A</i> , 1999, 5, 131-135.	2.5	190
8	Measurement of the Neutron Electric Form Factor G_E^n in the Quasifree $H^2(e\hat{t}',e\hat{t}^2n\hat{t}')p$ Reaction. <i>Physical Review Letters</i> , 1999, 83, 276-279.	7.8	178
9	Measurement of Deeply Virtual Compton Scattering Beam-Spin Asymmetries. <i>Physical Review Letters</i> , 2008, 100, 162002.	7.8	153
10	Differential cross section and recoil polarization measurements for the $\hat{K}^0 p$ reaction using CLAS at Jefferson Lab. <i>Physical Review C</i> , 2010, 81, .	2.9	145
11	First measurement of beam-recoil observables C_x and C_{zy} hyperon photoproduction. <i>Physical Review C</i> , 2007, 75, .	2.9	140
12	Probing high-momentum protons and neutrons in neutron-rich nuclei. <i>Nature</i> , 2018, 560, 617-621.	27.8	127
13	Polarization Transfer in the $He^4(e\hat{t}',e\hat{t}^2p\hat{t}')H^3$ Reaction up to $Q^2=2.6$ (GeV/c) 2 . <i>Physical Review Letters</i> , 2003, 91, 052301.	7.8	117
14	Measurement of the $\hat{K}^0 p$ photoproduction line shapes near the $\hat{K}^0 p$ threshold. <i>Physical Review Letters</i> , 2010, 105, 022001.	2.9	113
15	Experimental study of the $D^0 p$ photoproduction line shapes near the $D^0 p$ threshold. <i>Physical Review C</i> , 2012, 86, .	4.1	108
16	Experimental study of the $D^0 p$ photoproduction line shapes near the $D^0 p$ threshold. <i>Physical Review C</i> , 2012, 86, .	2.9	108
17	Modified structure of protons and neutrons in correlated pairs. <i>Nature</i> , 2019, 566, 354-358.	27.8	105
18	Measurement of the $\hat{K}^0 p$ photoproduction line shapes near the $\hat{K}^0 p$ threshold. <i>Physical Review C</i> , 2009, 79, .	2.9	104

#	ARTICLE	IF	CITATIONS
19	MICROWAVE HEAD IMAGING FOR STROKE DETECTION. Progress in Electromagnetics Research M, 2011, 21, 163-175.	0.9	100
20	Measurement of Deeply Virtual Compton Scattering with a Polarized-Proton Target. Physical Review Letters, 2006, 97, 072002.	7.8	98
21	Search for the $\hat{\tau}^+$ -Pentaquark in the Reaction $\hat{\tau}^+p \rightarrow K^+n$. Physical Review Letters, 2006, 96, 212001.	7.8	92
22	Differential cross sections for the reactions $\hat{\tau}^+p \rightarrow K^+n$. Physical Review C, 2009, 80, .	2.9	91
23	Measurement of the $\hat{\tau}^+(1232)$ Transition at High-Momentum Transfer by $\hat{\tau}^+p \rightarrow K^+n$ Electroproduction. Physical Review Letters, 2006, 97, 112003.	7.8	90
24	of the $\hat{\tau}^+(1232)$ Transition at High-Momentum Transfer by $\hat{\tau}^+p \rightarrow K^+n$ Electroproduction. Physical Review Letters, 2006, 97, 112003.	7.8	90
25	Direct Observation of Proton-Neutron Short-Range Correlation Dominance in Heavy Nuclei. Physical Review Letters, 2019, 122, 172502.	7.8	80
26	$\hat{\tau}^+$ photoproduction on the proton for photon energies from 0.675 to 2.875 GeV. Physical Review C, 2007, 76, .	2.9	79
27	Measurement of Single- and Double-Spin Asymmetries in Deep Inelastic Pion Electroproduction with a Longitudinally Polarized Target. Physical Review Letters, 2010, 105, 262002.	7.8	79
28	A double-sided silicon strip detector system for proton radioactivity studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 311, 217-223.	1.6	78
29	Differential cross sections and recoil polarizations for the reaction $\hat{\tau}^+p \rightarrow K^+n$. Physical Review C, 2010, 82, .	7.8	78
30	Differential cross sections and recoil polarizations for the reaction $\hat{\tau}^+p \rightarrow K^+n$. Physical Review C, 2010, 82, .	2.9	78
31	Cross Sections for the Exclusive Photon Electroproduction on the Proton and Generalized Parton Distributions. Physical Review Letters, 2015, 115, 212003.	7.8	73
32	High-Momentum Protons in Pb208. Physical Review Letters, 1994, 73, 2684-2687.	7.8	72
33	Differential photoproduction cross sections of the $\hat{\tau}^+(1232)$ transition at high-momentum transfer. Physical Review C, 2013, 88, .	2.9	72
34	Technical design report for the $\hat{\tau}^+$ ANDA (AntiProton Annihilations at Darmstadt) Straw Tube Tracker. European Physical Journal A, 2013, 49, 1.	2.5	71
35	Towards a Resolution of the Proton Form Factor Problem: New Electron and Positron Scattering Data. Physical Review Letters, 2015, 114, 062003.	7.8	71
36	Search for $\hat{\tau}^+(1540)$ Pentaquark in High-Statistics Measurement of $\hat{\tau}^+p \rightarrow K^+n$ at CLAS. Physical Review Letters, 2006, 96, 042001.	7.8	69

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37	Search for Medium Modifications of the ρ Meson. Physical Review Letters, 2007, 99, 262302.	7.8	68
38	Absorption of the ρ meson in nuclei. Physical Review Letters, 2010, 105, 112301.	7.8	66
39	Measurement of the structure function of the nearly free neutron using spectator tagging in inelastic $e, p \rightarrow e, n, p$ scattering. Physical Review C, 2008, 78, .	2.9	65
40	Entanglement of arbitrary superpositions of modes within two-dimensional orbital angular momentum state spaces. Physical Review A, 2010, 81, .	2.5	64
41	Single ρ^+ electroproduction on the proton in the first and second resonance regions at $0.25 \text{ GeV}^2 < Q^2 < 0.65 \text{ GeV}^2$. Physical Review C, 2006, 73, .	2.9	57
42	Light vector mesons in the nuclear medium. Physical Review C, 2008, 78, .	2.9	57
43	Cross sections and beam asymmetries for ρ^+ production in the nucleon resonance region for $1.7 \hat{a}^{1/2} Q^2 \hat{a}^{1/2} 4.5 \text{ GeV}^2$. Physical Review C, 2008, 77, .	2.9	56
44	Measurement of the structure function of the nearly free neutron using spectator tagging in inelastic $e, p \rightarrow e, n, p$ scattering. Physical Review C, 2008, 78, .		

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55	Measurements of $\langle \sigma_{\text{pol}} \rangle$ and extraction of nucleon spin structure functions. Physical Review C, 2015, 91, 044907.	7.8	48
56	Photoproduction of $\Lambda(1520)$ and $\Lambda(1670)$ hyperons using linearly polarized photons. Physical Review C, 2016, 93, 044907.	2.9	46
57	Experimental and in situ study of radiocaesium transfer across the sediment-water interface and mobility in lake sediments. Applied Geochemistry, 2000, 15, 833-848.	3.0	45
58	Beam-Helicity Asymmetries in Double-Charged-Pion Photoproduction on the Proton. Physical Review Letters, 2005, 95, 162003.	7.8	45
59	Moments of the spin structure functions $\langle \sigma_{\text{pol}} \rangle$ and $\langle \sigma_{\text{unpol}} \rangle$ for $\Lambda(1520)$ and $\Lambda(1670)$ hyperons. Physical Review C, 2016, 93, 044907.	4.1	44
60	A genetic algorithm analysis of resonances in $\Lambda p(\pi^3, K^+)$ reactions. Nuclear Physics A, 2004, 740, 147-167.	1.5	43
61	Spin and parity measurement of the $\Lambda(1405)$ resonance region. Physical Review C, 2004, 70, 044907.	7.8	43
62	Measurement of the polarized structure function F_2^{pol} in the $\Lambda(1232)$ resonance region. Physical Review C, 2004, 70, 044907.	2.9	42
63	Quark-hadron duality in spin structure functions g_1 and g_1^d . Physical Review C, 2007, 75, 044907.	2.9	42
64	Center of Mass Motion of Short-Range Correlated Nucleon Pairs studied via the $\langle \sigma_{\text{pol}} \rangle$ and $\langle \sigma_{\text{unpol}} \rangle$. Physical Review C, 2016, 93, 044907.	7.8	42
65	COMPACT WIDEBAND ANTENNA FOR MICROWAVE IMAGING OF BRAIN. Progress in Electromagnetics Research C, 2012, 27, 27-39.	0.9	41
66	Single and double spin asymmetries for deeply virtual Compton scattering measured with CLAS and a longitudinally polarized proton target. Physical Review D, 2015, 91, 044907.	4.7	41
67	Deeply virtual and exclusive electroproduction of η' -mesons. European Physical Journal A, 2005, 24, 445-458.	2.5	40
68	Measurement of the Neutron $\langle \sigma_{\text{pol}} \rangle$ Structure Function via Spectator Tagging with CLAS. Physical Review Letters, 2012, 108, 142001.	7.8	40
69	Longitudinal Target-Spin Asymmetries for Deeply Virtual Compton Scattering. Physical Review Letters, 2015, 114, 032001.	7.8	40
70	First results from the GlueX experiment. AIP Conference Proceedings, 2016, , .	0.4	40
71	Photoproduction reactions and non-strange baryon spectroscopy. Progress in Particle and Nuclear Physics, 2020, 111, 103752.	14.4	40
72	Exclusive $\langle \sigma_{\text{pol}} \rangle$ and $\langle \sigma_{\text{unpol}} \rangle$ for $\Lambda(1520)$ and $\Lambda(1670)$ hyperons. Physical Review C, 2016, 93, 044907.	4.1	39

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73	Experimental Study of Exclusive $H^2(e,e^2p)n$ Reaction Mechanisms at High Q ² . Physical Review Letters, 2007, 98, 262502.	7.8	38
74	Beam-recoil polarization transfer in the nucleon resonance region in the exclusive $e^+p \rightarrow e^+K^+ \Lambda^0$ reactions at the CLAS spectrometer. Physical Review C, 2009, 79, .	2.9	38
75	Evidence for the onset of color transparency in $e^+p \rightarrow e^+n$ electroproduction off nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy		
76	Beam asymmetry $e^+p \rightarrow e^+n$ for $\Delta(1232)$ resonance. Physical Review C, 2013, 88, .	2.9	33
77	Comparison of the quasielastic (e,e^+p) and the (γ,p) reactions. Physical Review C, 1994, 49, 2182-2190.	2.9	37
78	Enhancing the interaction between nuclear experiment and theory through information and statistics. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 030301.	3.6	37
79	Measurement of two-photon exchange effect by comparing elastic $e^+p \rightarrow e^+p$ cross sections. Physical Review C, 2017, 95, .		
80	Electroproduction of kaons from the proton in a Regge-plus-resonance approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 656, 186-192.	4.1	36
81	Search for the $\Lambda^+ +$ Pentaquark in the $\gamma^*n \rightarrow K^+ \Lambda^0$ Reaction Measured with the CLAS Spectrometer. Physical Review Letters, 2006, 97, 032001.	7.8	35
82	Cascade production in the reactions $e^+p \rightarrow e^+n$ stretchy="false">(</mml:mo> < mml:mi> X</mml:mi> < mml:mo> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 377 Td (stretchy="false">(</mml:mo>		
83	Partial wave analysis of the reaction $\gamma^*p \rightarrow p^* + \pi^0$ and the search for nucleon resonances. Physical Review C, 2009, 80, .	2.9	34
84	Measurement of the Differential Cross Section for the Reaction $\gamma^*n \rightarrow p^* + \pi^-$ from Deuterium. Physical Review Letters, 2009, 103, 012301.	7.8	34
85	Neutral-Pion Electroproduction on the Proton near Threshold. Physical Review Letters, 1995, 74, 3561-3564.	7.8	33
86	Investigation of the exclusive $^3He(e,e^2pp)n$ reaction. Physical Review C, 2000, 63, .	2.9	33
87	Polarized structure function $F_3^{\nu p}$ display="inline"> < mml:mrow> < mml:mi> f</mml:mi> < mml:mrow> < mml:msup> < mml:mi> K</mml:mi> < mml:mi> L</mml:mi> < mml:mrow> < mml:mo> ' </mml:mo> < mml:mrow> < mml:msup> < mml:mi> K</mml:mi> < mml:mi> L</mml:mi> < mml:mrow> < mml:msub> < mml:mi> H</mml:mi> < mml:mprescripts /> < mml:none	2.9	33
88	Differential cross section of $e^+p \rightarrow e^+n$ on bound neutrons with incident photons from 1.1 to 3.6 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 289-293.	4.1	33
89	Precision measurements of g_1 of the proton and of the deuteron with 6 GeV electrons. Physical Review C, 2014, 90, .	2.9	33
90	First measurement of the helicity asymmetry E in photoproduction on the proton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 64-69.	4.1	33

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91	Electroproduction of Δ^0 and Δ^+ resonances from the proton. Physical Review C, 2009, 79, .	2.9	32
92	Photon beam asymmetry $\hat{\Sigma}$ for $\hat{\Lambda}$ and $\hat{\Lambda}^{\Delta^2}$ photoproduction from the proton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 213-221.	4.1	32
93	Radiative decays of the $\Lambda(1385)$ and $\Lambda(1520)$ hyperons. Physical Review C, 2005, 71, .	2.9	31
94	Cross sections for the Λ^0 and Λ^+ photoproduction from the proton. Physical Review C, 2007, 75, .	2.9	31
95	Beam spin asymmetries in deeply virtual Compton scattering (DVCS) with CLAS at 4.8 GeV. Physical Review C, 2009, 80, .	2.9	31
96	Search for the Photoexcitation of Exotic Mesons in the Λ^0 and Λ^+ photoproduction. Physical Review Letters, 2009, 102, 102002.	7.8	31
97	Photoproduction of Λ^0 and Λ^+ resonances from the proton. Physical Review D, 2009, 80, .	4.1	31
98	Λ^0 -meson photoproduction on hydrogen in the neutral decay mode. Physical Review C, 2014, 89, .	2.9	31
99	Feasibility studies of time-like proton electromagnetic form factors at $\sqrt{s} = 1.02$ GeV. European Physical Journal A, 2016, 52, 1.	2.5	31
100	Extraction of Λ^0 information from the limited $p(\Lambda^0, K^+)n$ data set. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 562, 51-56.	4.1	30
101	Precise measurements of beam spin asymmetries in semi-inclusive Λ^0 production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, .	4.1	30
102	Exclusive Λ^0 production at $\sqrt{s} = 1.02$ GeV with CLAS. Physical Review C, 2014, 89, .	2.9	30
103	Exclusive Λ^0 production with CLAS. Physical Review C, 2014, 89, .	7.8	30
104	Determination of the proton spin structure functions for $0.05 < Q^2 < 5 \text{ GeV}^2$ using CLAS. Physical Review C, 2017, 96, .	2.9	30
105	Publisher's Note: Measurement of the Neutron Λ^0 Structure Function. Physical Review Letters, 2012, 108, 142001 (2012).	7.8	29
106	First measurement of the polarization observable $\hat{\Sigma}$ in the Λ^0 photoproduction. Physical Review C, 2017, 96, .		

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109	Measurements of $\sigma(\pi^+p \rightarrow \pi^0n)$ cross sections with CLAS at $\sqrt{s} = 1.40$ GeV. <i>Physical Review C</i> , 2017, 96, .	2.9	29
110	Analysis Tools for Next-Generation Hadron Spectroscopy Experiments. <i>Acta Physica Polonica B</i> , 2015, 46, 257.	0.8	28
111	Kaon Photoproduction and the $\sigma(\pi^+p \rightarrow \pi^0n)$ Decay Parameter. <i>Physical Review Letters</i> , 2019, 123, 182301.	7.8	28
112	Electroproduction of $\rho(1020)$ mesons at $1.4 \leq Q^2 \leq 2.3$ GeV ² measured with the CLAS spectrometer. <i>Physical Review C</i> , 2008, 78, .	2.9	27
113	Precise determination of the deuteron spin structure at low to moderate Q^2 with CLAS and extraction of the neutron contribution. <i>Physical Review C</i> , 2015, 92, .	2.9	27
114	Electron-beam energy reconstruction for neutrino oscillation measurements. <i>Nature</i> , 2021, 599, 565-570.	27.8	27
115	Near-threshold measurement of the $4\text{He}(\pi^+p \rightarrow \pi^0n)$ reaction. <i>Physical Review Letters</i> , 2017, 118, 242002.	4.1	26
116	Photoproduction of the $\rho(1020)$ meson. <i>Physical Review C</i> , 2016, 93, .	2.9	26
117	Beam-Target Helicity Asymmetry for $\pi^+p \rightarrow \pi^0n$ in the N^* Resonance Region. <i>Physical Review Letters</i> , 2017, 118, 242002.	7.8	26
118	Measurement of the differential and total cross sections of the $\pi^+p \rightarrow \pi^0n$ reaction within the resonance region. <i>Physical Review C</i> , 2017, 96, .	2.9	25
119	Electron scattering from high-momentum neutrons in deuterium. <i>Physical Review C</i> , 2006, 73, .	2.9	25
120	Measurement of Direct $\pi^+p \rightarrow \pi^0n$ Tj ETQq 0 0 rgBT /Overlock 10 Tf 50 297 Td (stretch="false")</math> correlation. Measured in $\pi^+p \rightarrow \pi^0n$ reaction. <i>Physical Review C</i> , 2009, 80, 102001.	7.8	25
121	Exclusive photoproduction of the cascade (Σ^0) hyperons. <i>Physical Review C</i> , 2005, 71, .	2.9	24
122	The extraction of $\sigma(\pi^+p \rightarrow \pi^0n)$ total cross section from $\pi^+p \rightarrow \pi^0n$ reaction. <i>Physical Review C</i> , 2009, 80, 102001.	7.8	25
123	Measurement of $\sigma(\pi^+p \rightarrow \pi^0n)$ total cross section from $\pi^+p \rightarrow \pi^0n$ reaction. <i>Physical Review C</i> , 2009, 80, 102001.	7.8	25

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127	Measurement of transparency ratios for protons from short-range correlated pairs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 63-68.	4.1	23
128	First observation of the $\langle \sigma_{pp} \rangle$ reaction. Physical Review C, 2013, 88, .	2.9	22
129	The design and performance of a scintillating-fibre tracker for the cosmic-ray muon tomography of legacy nuclear waste containers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 745, 138-149.	1.6	22
131	Study of doubly strange systems using stored antiprotons. Nuclear Physics A, 2016, 954, 323-340.	1.5	22
132	Proton Source Size Measurements in the $A \rightarrow p + X$ Reaction. Physical Review Letters, 2004, 93, 192301.	7.8	21
133	Measurement of coherent \bar{K} -meson photoproduction from the deuteron at low energies. Physical Review C, 2007, 76, .	2.9	21
134	Electromagnetic decay of the $\Lambda(1520)$. Physical Review C, 2013, 88, .	4.7	21
135	Demonstration of a novel technique to measure two-photon exchange effects in elastic eN scattering. Physical Review C, 2013, 88, .	2.9	21
136	Feasibility study for the measurement of $\langle \sigma_{pp} \rangle$ transition distribution amplitudes at $\sqrt{s} \approx 1.5$ GeV. Physical Review C, 2013, 88, .	4.7	21
137	Complete measurement of three-body photodisintegration of ^3He for photon energies between 0.35 and 1.55 GeV. Physical Review C, 2004, 70, .	2.9	20
138	Measurement of the polarized structure function F_{LT}^{π} for pion electroproduction in the Roper-resonance region. Physical Review C, 2005, 72, .	2.9	20
139	Measurement of the deuteron structure function F_2 in the resonance region and evaluation of its moments. Physical Review C, 2006, 73, .	2.9	20
140	First measurement of target and double spin asymmetries for $\bar{p} + p \rightarrow \pi^0 + X$ in the nucleon resonance region above the $\Delta(1232)$. Physical Review C, 2008, 78, .	2.9	20
141	Assessing the feasibility of interrogating nuclear waste storage silos using cosmic-ray muons. Journal of Instrumentation, 2015, 10, T06005-T06005.	1.2	20
142	First results on nucleon resonance photocouplings from the $\bar{K}^0 p$ reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 371-379.	4.1	20
143	The (\bar{K}^0, p) reaction at $E_{\bar{K}^0} \approx 1/460$ MeV. Nuclear Physics A, 1993, 554, 173-188.	1.5	19
144	Measurement of the $^4\text{He}(\bar{K}^0, n)$ reaction from $23 < E_{\bar{K}^0} < 70$ MeV. Physical Review C, 2007, 75, .	2.9	19

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145	Beam-spin asymmetries from semi-inclusive pion electroproduction. Physical Review D, 2014, 89, .	4.7	19
146	Differential cross section measurements for $\hat{\nu}^3 n \hat{\nu}^2 \hat{\nu}^1 \hat{\nu}^0 p$ above the first nucleon resonance region. Physical Review C, 2017, 96, .	2.9	19
147	First Measurement of Timelike Compton Scattering. Physical Review Letters, 2021, 127, 262501.	7.8	19
148	Deep exclusive $\hat{\nu}^+ e$ electroproduction off the proton at CLAS. European Physical Journal A, 2013, 49, 1.	2.5	18
149	Separated structure functions for exclusive $\hat{\nu}^+ e$ electroproduction at 5.5 GeV measured with CLAS. Physical Review C, 2013, 87, .	2.9	18
150	Characterising encapsulated nuclear waste using cosmic-ray muon tomography. Journal of Instrumentation, 2015, 10, P03020-P03020.	1.2	18
151	Evidence for a backward peak in the $\hat{\nu}^3 d \hat{\nu}^2 \hat{\nu}^1 \hat{\nu}^0$ cross section near the $\hat{\nu}^+$ threshold. European Physical Journal A, 2010, 43, 261-267.	2.5	17
152	Brain stroke detection using continuous wavelets transform matching filters. , 2012, , .		17
153	A prototype scintillating-fibre tracker for the cosmic-ray muon tomography of legacy nuclear waste containers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 408-411.	1.6	17
154	Cross sections for the $\hat{\nu}^3 p$ reaction at $\hat{\nu}^+$. Physical Review C, 2013, 87, .	2.9	17
155	Measurement of the $\hat{\nu}^3 p$ cross section up to large values of Mandelstam variables $\hat{\nu}^3 p$ with CLAS. Physical Review C, 2013, 87, .	2.9	17
156	Demonstration of the angular uncertainty principle for single photons. Journal of Optics (United Kingdom), 2012, 15, 023001.	2.2	16
157	Quantum correlations in position, momentum, and intermediate bases for a full optical field of view. Physical Review A, 2012, 85, .	2.5	16
158	Exclusive $\hat{\nu}^+$ electroproduction at CLAS and muon spin polarization. Physical Review C, 2017, 95, .	2.9	16
159	Dependence of the Deuteron Spin Structure Function $\hat{\nu}^3 d$ and $\hat{\nu}^3 p$ on $\hat{\nu}^+$ and $\hat{\nu}^0$. Physical Review C, 2017, 95, .	7.8	16
160	Platelet-derived endothelial cell growth factor expression and angiogenesis in cervical intraepithelial neoplasia and squamous cell carcinoma of the cervix. Annals of Diagnostic Pathology, 2000, 4, 286-292.	1.3	15
161	Publisher's Note: Data analysis techniques, differential cross sections, and spin density matrix elements for the reaction $\hat{\nu}^3 p \hat{\nu}^2 \hat{\nu}^1 p$ [Phys. Rev. C89, 055208 (2014)]. Physical Review C, 2014, 90, .	2.9	15
162	Search for baryon-number and lepton-number violating decays of $\hat{\nu}^+$ hyperons using the CLAS detector at Jefferson Laboratory. Physical Review D, 2015, 92, .	4.7	15

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163	Exploring the Structure of the Bound Proton with Deeply Virtual Compton Scattering. Physical Review Letters, 2019, 123, 032502.	7.8	15
164	Photon-induced proton knockout from ^{208}Pb . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 356, 13-18.	4.1	14
165	The angular distribution of the $^{12}\text{C}(\hat{1}^3, \text{pn})$ reaction for $E^{\hat{1}^3} = 120 \sim 150$ MeV. European Physical Journal A, 1998, 1, 241-244.	2.5	14
166	Electron- and photon-induced proton knockout from ^{209}Bi . Physical Review C, 2000, 63, .	2.9	14
167	Bayesian Analysis of Pentaquark Signals from CLAS Data. Physical Review Letters, 2008, 100, 052001.	7.8	14
168	Near-threshold photoproduction of $\hat{1}^0$ mesons from deuterium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 338-342.	4.1	14
169	Strangeness Suppression of $qq\hat{1}^0$ Creation Observed in Exclusive Reactions. Physical Review Letters, 2014, 113, 152004.	7.8	14
170	Differential cross sections and polarization observables from CLAS $K^{\hat{1}^0}$ photoproduction and the search for new $N\hat{1}^0$ states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 142-150.	4.1	14
171	Target and double spin asymmetries of deeply virtual $\hat{1}^0$ production with a longitudinally polarized proton target and CLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 168-173.	4.1	14
172	Hard exclusive pion electroproduction at backward angles with CLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 340-345.	4.1	14
173	Measurements of the $\hat{1}^3 \nu p \hat{1}^+ p \hat{1}^+ \hat{1}^0 + \hat{1}^0 \hat{1}^0$ cross section with the CLAS detector for $0.4 \text{ GeV}^2 < Q^2 < 1.0 \text{ GeV}^2$ and $1.3 \text{ GeV} < W < 1.825 \text{ GeV}$. Physical Review C, 2018, 98, .	2.9	14
174	Measurement of the proton spin structure at long distances. Nature Physics, 2021, 17, 736-741.	16.7	14
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