

# 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  
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285  
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285  
docs citations

285  
times ranked

4052  
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of charged-pion production in deep-inelastic scattering off nuclei with the CLAS detector. <i>Physical Review C</i> , 2022, 105, .	2.9	7
2	Multidimensional, High Precision Measurements of Beam Single Spin Asymmetries in Semi-inclusive Electroproduction off Protons in the Valence Region. <i>Physical Review Letters</i> , 2022, 128, 062005.	7.8	5
3	from electroproduction data in the resonance region at $\sqrt{s} = 2.0$ GeV. <i>Physical Review C</i> , 2022, 105, .	2.9	1
4	Search for photoproduction of axionlike particles at GlueX. <i>Physical Review D</i> , 2022, 105, .	4.7	8
5	Measurement of spin density matrix elements in $\gamma p \rightarrow \gamma p$ photoproduction at $8.2 \leq \sqrt{s} < 8.8$ GeV. <i>Physical Review C</i> , 2022, 105, .	2.9	4
6	Beam-recoil transferred polarization in $\gamma p \rightarrow \gamma p$ electroproduction in the nucleon resonance region with CLAS12. <i>Physical Review C</i> , 2022, 105, .	2.9	4
7	Differential cross sections for $\hat{\rho}(1520)$ using photoproduction at CLAS. <i>Physical Review C</i> , 2021, 103, .	2.9	4
8	Beam Spin Asymmetry in Semi-Inclusive Electroproduction of Hadron Pairs. <i>Physical Review Letters</i> , 2021, 126, 062002.	7.8	9
9	Measurement of beam asymmetry for $\gamma p \rightarrow \gamma p$ photoproduction on the proton at $\sqrt{s} = 2.0$ GeV. <i>Physical Review C</i> , 2021, 103, .	2.9	4
10	Photoproduction of the $f_2(1270)$ Meson Using the CLAS Detector. <i>Physical Review Letters</i> , 2021, 126, 082002.	7.8	3
11	Observation of Beam Spin Asymmetries in the Process $\gamma p \rightarrow \gamma p$ with CLAS12. <i>Physical Review Letters</i> , 2021, 126, 152501.	7.8	13
12	Measurement of the proton spin structure at long distances. <i>Nature Physics</i> , 2021, 17, 736-741.	16.7	14
13	Measurement of deeply virtual Compton scattering off $^4\text{He}$ with the CEBAF Large Acceptance Spectrometer at Jefferson Lab. <i>Physical Review C</i> , 2021, 104, .	2.9	2
14	Electron-beam energy reconstruction for neutrino oscillation measurements. <i>Nature</i> , 2021, 599, 565-570.	27.8	27
15	Improved $\gamma p \rightarrow \gamma p$ Elastic Scattering Cross Sections between 0.9 and $2.0$ GeV as a Main Ingredient of the Neutron Star Equation of State. <i>Physical Review Letters</i> , 2021, 127, 272303.	7.8	14
16	First Measurement of Timelike Compton Scattering. <i>Physical Review Letters</i> , 2021, 127, 262501.	7.8	19
17	Photoproduction reactions and non-strange baryon spectroscopy. <i>Progress in Particle and Nuclear Physics</i> , 2020, 111, 103752.	14.4	40
18	Extraction of Beam-Spin Asymmetries from the Hard Exclusive $\gamma p \rightarrow \gamma p$ Channel off Protons in a Wide Range of Kinematics. <i>Physical Review Letters</i> , 2020, 125, 182001.	7.8	13

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19	Measurement of the photon beam asymmetry in $\hat{\Gamma}^3\hat{a}f-p\hat{a}^{\dagger}K+\hat{\Gamma}\hat{\epsilon}0$ at $E^{\hat{\Gamma}^3}=8.5$ GeV. Physical Review C, 2020, 101, .	2.9	4
20	Exclusive $\hat{\Gamma}^30p$ electroproduction off protons in the resonance region at photon virtualities $0.4\text{GeV}^2\hat{a}\%Q^2\hat{a}\%1\text{GeV}^2$ . Physical Review C, 2020, 101, .	2.9	10
21	Photoproduction of $\hat{\Gamma}$ -mesons off the proton for $1.2<E^{\hat{\Gamma}^3}<4.7\text{GeV}$ using CLAS at Jefferson Laboratory. Physical Review C, 2020, 102, .	2.9	2
22	Exploring the Structure of the Bound Proton with Deeply Virtual Compton Scattering. Physical Review Letters, 2019, 123, 032502.	7.8	15
23	Kaon Photoproduction and the $\hat{\Gamma}^3$ Decay Parameter $\hat{a}^{\pm}$ . Physical Review Letters, 2019, 123, 162301.	7.8	28
24	First results on nucleon resonance photocouplings from the $\hat{\Gamma}^3p\hat{a}^{\dagger}\hat{a}^{\dagger}\hat{a}^{\dagger}\hat{\epsilon}+\hat{\Gamma}\hat{\epsilon}^{\dagger}\hat{a}^{\dagger}p$ reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 371-379.	4.1	20
25	Measurement of the beam spin asymmetry of $\hat{\Gamma}^3$ mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 426-431.	4.1	5
26	Direct Observation of Proton-Neutron Short-Range Correlation Dominance in Heavy Nuclei. Physical Review Letters, 2019, 122, 172502.	7.8	80
27	Polarization Observables $\hat{F}$ , $\hat{P}$ , and $\hat{H}$ . Physical Review Letters, 2019, 122, 172502.	7.8	7
28	Novel muon imaging techniques. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20180062.	3.4	9
29	Modified structure of protons and neutrons in correlated pairs. Nature, 2019, 566, 354-358.	27.8	105
30	Beam asymmetry $\hat{\Gamma}^3$ for the photoproduction of $\hat{\Gamma}^3$ mesons at $\hat{a}^{\pm}$ . Physical Review Letters, 2019, 123, 162301.	2.9	12
31	Application programmes at the Scottish Centre for the Application of Plasma-based Accelerators (SCAPA). 2019		4
32	Measurement of the $\hat{\Gamma}^3Q^2$ dependence of the deuteron spin structure function $\hat{g}^1$ and its moments at low $\hat{Q}^2$ . Physical Review C, 2018, 98, .	7.8	16
33	Measurement of unpolarized and polarized cross sections for deeply virtual Compton scattering on the proton at Jefferson Laboratory with CLAS. Physical Review C, 2018, 98, .	2.9	8
34	Beam-target helicity asymmetry $E$ in $K^0\hat{\Gamma}$ and $K^0\hat{\Gamma}0$ photoproduction on the neutron. Physical Review C, 2018, 98, .	2.9	8
35	$\hat{\Gamma}^3$ photoproduction from threshold to $W < 3.3$ GeV. Physical Review C, 2018, 98, .	2.9	5
36	Photoproduction of $K^0\hat{\Gamma}$ meson pairs on the proton. Physical Review D, 2018, 98, .	2.9	7



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55	Measurements of $\sigma_{\text{tot}}$ and $\sigma_{\text{el}}$ cross sections with CLAS at $\sqrt{s} = 1.40$ GeV. <i>Physical Review C</i> , 2017, 96, .	2.9	29
56	Beam-Target Helicity Asymmetry for $\gamma^* p \rightarrow \pi^+ n$ in the $N^*$ Resonance Region. <i>Physical Review Letters</i> , 2017, 118, 242002.	7.8	26
57	Photon beam asymmetry $\Sigma$ for $\hat{\gamma}$ and $\hat{\gamma}^2$ photoproduction from the proton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 771, 213-221.	4.1	32
58	Exclusive $\gamma^* p \rightarrow \pi^+ n$ electroproduction at $\sqrt{s} = 1.40$ GeV. <i>Physical Review C</i> , 2017, 95, .	2.9	16
59	Transition distribution amplitudes at $\sqrt{s} = 1.40$ GeV. <i>Physical Review C</i> , 2017, 95, .	4.7	21
60	First Exclusive Measurement of Deeply Virtual Compton Scattering off $^3\text{He}$ . <i>Physical Review Letters</i> , 2017, 118, 242002.	7.8	30
61	Measurement of the differential and total cross sections of the $\gamma^* p \rightarrow \pi^+ n$ reaction in the resonance region. <i>Physical Review C</i> , 2017, 96, .	2.9	26
62	Photon beam asymmetry $\Sigma$ in the reaction $\gamma^* p \rightarrow \pi^+ n$ for $E = 1.152$ to $1.876$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 773, 112-113.	4.1	11
63	Target and beam-target spin asymmetries in exclusive pion electroproduction for $Q^2 > 1 \text{ GeV}^2$ . <i>Physical Review C</i> , 2017, 95, .	2.9	4
64	Measurement of two-photon exchange effect by comparing elastic $\gamma^* p \rightarrow \pi^+ n$ cross sections. <i>Physical Review C</i> , 2017, 95, .	2.9	26
65	Measurement of the helicity asymmetry $\Sigma$ in $\gamma^* p \rightarrow \pi^+ n$ photoproduction. <i>Physical Review C</i> , 2017, 96, .	2.9	13
66	Determination of the proton spin structure functions for $0.05 < Q^2 < 5 \text{ GeV}^2$ using CLAS. <i>Physical Review C</i> , 2017, 96, .	2.9	30
67	$N^*$ resonances from $K \Lambda$ amplitudes in sliced bins in energy. <i>European Physical Journal A</i> , 2017, 53, 1.	2.5	13
68	$N^*$ Physics With Meson Photoproduction. , 2017, , .		2
69	Muography applied to nuclear waste storage sites. <i>Annals of Geophysics</i> , 2017, 60, .	1.0	1
70	First results from the GlueX experiment. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	40
71	Baryon spectroscopy from JLab. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0
72	(ext $\{N\}^{\{ star \}}$ ) Physics with Meson Photoproduction at CLAS. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
73	Measurement of target and double-spin asymmetries for the $\gamma p \rightarrow \Lambda^0 \pi^0$ reaction in the nuclear resonance region at low $Q^2$ . Physical Review C, 2016, 94, .	2.9	6
74	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
75	Study of doubly strange systems using stored antiprotons. Nuclear Physics A, 2016, 954, 323-340.	1.5	22
76	Photoproduction of $\Lambda(1520)$ and $\Sigma(1385)$ hyperons using linearly polarized photons. Physical Review C, 2016, 93, .	2.9	46
77	Photoproduction of the $\Lambda(1520)$ hyperon. Physical Review C, 2016, 93, .	1.4	26
78	Target and beam-target spin asymmetries in exclusive $\gamma p \rightarrow \Lambda^0 \pi^0$ and $\gamma p \rightarrow \Sigma^0 \pi^0$ electroproduction with 1.6- to 5.7-GeV electrons. Physical Review C, 2016, 94, .	2.9	5
79	Feasibility studies of time-like proton electromagnetic form factors at $\sqrt{s} = 1.1 - 2.3$ GeV. European Physical Journal A, 2016, 52, 1.	2.5	31
80	Model discrimination in pseudoscalar-meson photoproduction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 260-260.	4.1	7
81	Precise determination of the deuteron spin structure at low to moderate $Q^2$ using CLAS and extraction of the neutron contribution. Physical Review C, 2015, 92, .	2.9	27
82	Search for baryon-number and lepton-number violating decays of $\Lambda$ hyperons using the CLAS detector at Jefferson Laboratory. Physical Review D, 2015, 92, .	4.7	15
83	Cross Sections for the Exclusive Photon Electroproduction on the Proton and Generalized Parton Distributions. Physical Review Letters, 2015, 115, 212003.	7.8	73
84	Determination of the beam-spin asymmetry of deuteron photodisintegration in the energy region $1.1 \leq E \leq 2.3$ GeV. Physical Review C, 2015, 91, .	2.9	5
85	Application of muon tomography to encapsulated nuclear waste. , 2015, , .		1
86	Assessing the feasibility of interrogating nuclear waste storage silos using cosmic-ray muons. Journal of Instrumentation, 2015, 10, T06005-T06005.	1.2	20
87	Code optimisation in a nested-sampling algorithm. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 785, 105-109.	1.6	2
88	Characterising encapsulated nuclear waste using cosmic-ray muon tomography. Journal of Instrumentation, 2015, 10, P03020-P03020.	1.2	18
89	First measurement of the polarization observable E in the $\gamma p \rightarrow \Lambda^0 \pi^0$ reaction. Physical Review C, 2016, 94, .		



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91	Measurements of $\langle \sigma_{\text{pol}} \rangle$ and extraction of nucleon. Physical Review C, 2015, 91, .	7.8	48
92	Precision Measurement of the $\langle \sigma_{\text{pol}} \rangle$ at Threshold. Physical Review Letters, 2015, 114, 192503.	7.8	48
93	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
94	Single and double spin asymmetries for deeply virtual Compton scattering measured with CLAS and a longitudinally polarized proton target. Physical Review D, 2015, 91, .	4.7	41
95	Towards a Resolution of the Proton Form Factor Problem: New Electron and Positron Scattering Data. Physical Review Letters, 2015, 114, 062003.	7.8	71
96	Longitudinal Target-Spin Asymmetries for Deeply Virtual Compton Scattering. Physical Review Letters, 2015, 114, 032001.	7.8	40
97	Experimental access to Transition Distribution Amplitudes with the $\text{P}^{\text{D}}$ , ANDA experiment at FAIR. European Physical Journal A, 2015, 51, 1.	2.5	29
98	A Prototype Scintillating-Fibre Tracker for the Cosmic-ray Muon Tomography of Legacy Nuclear Waste Containers. EPJ Web of Conferences, 2014, 66, 10005.	0.3	2
99	Publisher's Note: Exclusive $\langle \sigma_{\text{pol}} \rangle$ at $\langle \sigma_{\text{pol}} \rangle$ . Physical Review C, 2014, 90, .	2.9	6
100	Exclusive $\langle \sigma_{\text{pol}} \rangle$ at $\langle \sigma_{\text{pol}} \rangle$ with CLAS. Physical Review C, 2014, 90, .	2.9	30
101	Induced polarization of $\langle \sigma_{\text{pol}} \rangle$ in kaon electroproduction. Physical Review C, 2014, 90, .	2.9	8
102	$\langle \sigma_{\text{pol}} \rangle$ -meson photoproduction on hydrogen in the neutral decay mode. Physical Review C, 2014, 89, .	2.9	31
103	Precision measurements of $\langle \sigma_{\text{pol}} \rangle$ of the proton and of the deuteron with 6 GeV electrons. Physical Review C, 2014, 90, .	2.9	33
104	Publisher's Note: Data analysis techniques, differential cross sections, and spin density matrix elements for the reaction $\langle \sigma_{\text{pol}} \rangle$ [Phys. Rev. C89, 055208 (2014)]. Physical Review C, 2014, 90, .	2.9	15
105	Strangeness Suppression of $\langle \sigma_{\text{pol}} \rangle$ Creation Observed in Exclusive Reactions. Physical Review Letters, 2014, 113, 152004.	7.8	14
106	Spin and parity measurement of the $\langle \sigma_{\text{pol}} \rangle$ on the proton for photon energies from 1.102 to 1.862 GeV [Phys. Rev. C88, 065203 (2013)]. Physical Review C, 2014, 89, .	7.8	43
107	$\langle \sigma_{\text{pol}} \rangle$ on the proton for photon energies from 1.102 to 1.862 GeV [Phys. Rev. C88, 065203 (2013)]. Physical Review C, 2014, 89, .	7.8	43
108	Beam-spin asymmetries from semi-inclusive pion electroproduction. Physical Review D, 2014, 89, .	4.7	19

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109	GEANT4 simulation 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, 746, 64-73.	1.6	24
110	Momentum sharing in imbalanced Fermi systems. Science, 2014, 346, 614-617.	12.6	233
111	Measurement of the structure function of the nearly free neutron using spectator tagging in inelastic $H$		



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127	Differential photoproduction cross sections of the $\Delta(1232)$ resonance on a hydrogen target in CLAS. Physical Review C, 2013, 87, .	2.9	72
128	Transverse polarization of $\Delta(1232)$ resonance photoproduction on a hydrogen target in CLAS. Physical Review C, 2013, 87, .	2.9	10
129	Measurement of the $\Delta(1232)$ resonance photoproduction line shapes near the $\Delta(1232)$ resonance. Physical Review C, 2013, 87, .	2.9	113
130	Near-threshold neutral pion electroproduction at high momentum transfers and generalized form factors. Physical Review C, 2013, 87, .	2.9	2
131	Beam asymmetry for $\Delta(1232)$ resonance photoproduction. Comparison of forward and backward $\Delta(1232)$ resonance photoproduction in $^3\text{He}$ and $^4\text{He}$ . Physical Review C, 2013, 87, .	2.9	10
132	Comparison of forward and backward $\Delta(1232)$ resonance photoproduction in $^3\text{He}$ and $^4\text{He}$ . Physical Review C, 2013, 87, .	2.9	10

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145	COMPACT WIDEBAND ANTENNA FOR MICROWAVE IMAGING OF BRAIN. Progress in Electromagnetics Research C, 2012, 27, 27-39.	0.9	41
146	Evidence for the onset of color transparency in $\pi^0$ production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 326-330.	4.1	38
147	Demonstration of the angular uncertainty principle for single photons. Journal of Optics (United Kingdom), 2011, 12, 0784314.	2.2	16
148	Single-photon position to time multiplexing using a fiber array. Optics Express, 2011, 19, 2670.	3.4	8
149	MICROWAVE HEAD IMAGING FOR STROKE DETECTION. Progress in Electromagnetics Research M, 2011, 21, 163-175.	0.9	100
150	Full-Field Quantum Correlations with Multi-Pixel Detectors. , 2011, , .		0
151	Precise measurements of beam spin asymmetries in semi-inclusive $\pi^0$ production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 26-31.	4.1	30
152	Measurement of the nuclear multiplicity ratio for $\pi^0$ hadronization at CLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 706, 26-31.	4.1	14
153	Near-threshold photoproduction of $\pi^0$ mesons from deuterium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 338-342.	4.1	14
154	Polarization observables in the longitudinal basis for pseudo-scalar meson photoproduction using a density matrix approach. Physical Review C, 2011, 83, .	2.9	10
155	Electromagnetic decay of the $\pi^0$ . Physical Review D, 2011, 83, .	4.7	21
156	Coherent photoproduction of $\pi^0$ from He3. Physical Review C, 2011, 83, .	2.9	2
157	BAYESIAN MODEL SELECTION FOR ELECTROMAGNETIC KAON PRODUCTION ON THE NUCLEON. International Journal of Modern Physics A, 2011, 26, 642-644.	1.5	3
158	Quantum Description of the Angular Coordinate and Angular Momentum. , 2011, , .		0
159	Quantum imaging and orbital angular momentum. , 2010, , .		1
160	Evidence for a backward peak in the $\pi^0$ cross section near the $\pi^0$ threshold. European Physical Journal A, 2010, 43, 261-267.	2.5	17
161	Measurement of the nucleon structure function in the nuclear medium and evaluation of its moments. Nuclear Physics A, 2010, 845, 1-32.	1.5	6
162	Differential cross section of $\pi^0$ 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

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163	Bayesian model selection for electromagnetic kaon production on the nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 694, 33-37.	4.1	7
164	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
165	Differential cross sections and recoil polarizations for the reaction $\gamma p \rightarrow K^+ n$ . Physical Review C, 2010, 82, .	2.9	78
166	Information content of polarization measurements. Physical Review C, 2010, 82, .	2.9	24
167	Tensor Correlations Measured in $^3\text{He}(\gamma, p)$ . Physical Review Letters, 2010, 105, 262002.	7.8	25
168	Differential cross section and recoil polarization measurements for the $\gamma p \rightarrow K^+ n$ reaction using CLAS at Jefferson Lab. Physical Review C, 2010, 81, .	2.9	145
169	Absorption of the $\gamma$ and $\pi^0$ and $\pi^+$ Mesons in Nuclei. Physical Review Letters, 2010, 105, 112301.	7.8	66
170	Quantum Correlations in Optical Angle-Resolved Orbital Angular Momentum Variables. Science, 2010, 329, 662-665.	12.6	508
171	New Twist on Light Beams for Quantum Information Science. Optics and Photonics News, 2010, 21, 48.	0.5	2
172	Entanglement of arbitrary superpositions of modes within two-dimensional orbital angular momentum state spaces. Physical Review A, 2010, 81, .	2.5	64
173	Electroexcitation of nucleon resonances from CLAS data on single pion electroproduction. Physical Review C, 2009, 80, .	2.9	199
174	Measurement of Direct $\gamma p \rightarrow \pi^+ n$ on the proton for photon energies from 0.725 to 2.875 GeV. Physical Review C, 2009, 79, .	2.9	29
175	Measurement of Direct $\gamma p \rightarrow \pi^+ n$ on the proton for photon energies from 0.725 to 2.875 GeV. Physical Review C, 2009, 79, .	2.9	29
176	Differential cross sections and spin density matrix elements for the reaction $\gamma p \rightarrow \pi^+ n$ . Physical Review C, 2009, 80, .	2.9	52
177	Beam-recoil polarization transfer in the nucleon resonance region in the exclusive $\gamma p \rightarrow \pi^+ n$ reactions at the CLAS spectrometer. Physical Review C, 2009, 79, .	2.9	38
178	Beam spin asymmetries in deeply virtual Compton scattering (DVCS) with CLAS at 4.8 GeV. Physical Review C, 2009, 80, .	2.9	31
179	Partial wave analysis of the reaction $\gamma p \rightarrow \pi^+ n$ and the search for nucleon resonances. Physical Review C, 2009, 80, .	2.9	34
180	Photodisintegration of $^4\text{He}$ . Physical Review C, 2009, 80, .	2.9	4

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181	Differential cross sections for the reactions $p + p \rightarrow p + p + \pi^0$ $\frac{d^2\sigma}{d\Omega dE} \approx \frac{d\sigma}{d\Omega} \frac{dN}{dE}$	2.9	31
182	Search for the Photoexcitation of Exotic Mesons in the $\pi^0 p \rightarrow \pi^0 p + \pi^0$ Reaction $\frac{d^2\sigma}{d\Omega dE} \approx \frac{d\sigma}{d\Omega} \frac{dN}{dE}$ Physical Review Letters, 2009, 102, 102002.	7.8	31
183	Electroproduction of $\pi^0$ mesons from Deuterium $\frac{d^2\sigma}{d\Omega dE} \approx \frac{d\sigma}{d\Omega} \frac{dN}{dE}$ protons at $Q^2 = 0$ Physical Review C, 2009, 79, ...	2.9	32
184	Measurement of the Differential Cross Section for the Reaction $\pi^0 p \rightarrow \pi^0 p + \pi^0$ from Deuterium. Physical Review Letters, 2009, 103, 012301.	7.8	34
185	DIFFERENTIAL CROSS SECTION ANALYSIS IN KAON PHOTOPRODUCTION USING ASSOCIATED LEGENDRE POLYNOMIALS. Modern Physics Letters A, 2009, 24, 950-954. Moments of the spin structure functions $\langle \sigma_{\text{pol}} \rangle$	1.2	1
186	and $\langle \sigma_{\text{unpol}} \rangle$ $\frac{d^2\sigma}{d\Omega dE} \approx \frac{d\sigma}{d\Omega} \frac{dN}{dE}$	4.1	44
187	for $\langle \sigma_{\text{pol}} \rangle$ total cross section from $\pi^0 p \rightarrow \pi^0 p + \pi^0$ $\frac{d^2\sigma}{d\Omega dE} \approx \frac{d\sigma}{d\Omega} \frac{dN}{dE}$		

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199	Bayesian Analysis of Pentaquark Signals from CLAS Data. Physical Review Letters, 2008, 100, 052001.	7.8	14
200	Cross sections and beam asymmetries for $\pi^+p \rightarrow \pi^+n$ in the nucleon resonance region for $1.7 \leq Q^2 \leq 4.5 \text{ GeV}^2$ . Physical Review C, 2008, 77, .	2.9	56
201	Light vector mesons in the nuclear medium. Physical Review C, 2008, 78, .	2.9	57
202	Measurement of Deeply Virtual Compton Scattering Beam-Spin Asymmetries. Physical Review Letters, 2008, 100, 162002.	7.8	153
203	Ratios of $N^{15}/C^{12}$ and $He^4/C^{12}$ inclusive electroproduction cross sections in the nucleon resonance region. Physical Review C, 2008, 78, .	2.9	7
204	A Regge-plus-resonance approach to kaon production on the nucleon. , 2008, , 247-250.		0
205	Regge-plus-resonance treatment of the $p(\pi^3, K^+) \rightarrow \pi^0$ and $p(\pi^3, K^0) \rightarrow \pi^+$ reactions at forward kaon angles. Physical Review C, 2007, 75, .	2.9	49
206	Measurement of the $He^4(\pi^3, n)$ reaction from $23 < E \pi^3 < 70 \text{ MeV}$ . Physical Review C, 2007, 75, .	2.9	19
207	Quark-hadron duality in spin structure functions $g_1$ and $g_1^d$ . Physical Review C, 2007, 75, .	2.9	42
208	Search for Medium Modifications of the $\rho$ -Meson. Physical Review Letters, 2007, 99, 262302.	7.8	68
209	Separated structure functions for the exclusive electroproduction of $K^+$ and $K^0$ final states. Physical Review C, 2007, 75, .	2.9	53
210	Experimental Study of Exclusive $H^2(e, e\pi^2 p)n$ Reaction Mechanisms at High $Q^2$ . Physical Review Letters, 2007, 98, 262502.	7.8	38
211	Measurement of coherent $\rho$ -meson photoproduction from the deuteron at low energies. Physical Review C, 2007, 76, .	2.9	21
212	$\rho^0$ photoproduction on the proton for photon energies from 0.675 to 2.875 GeV. Physical Review C, 2007, 76, .	2.9	79
213	Cascade production in the reactions $\pi^3 p \rightarrow \pi^3 p K^+$ and $\pi^3 p \rightarrow \pi^3 p K^0$ . Physical Review C, 2007, 76, .	2.9	34
214	Cross sections for the $\pi^3 p \rightarrow \pi^3 p K^+$ and $\pi^3 p \rightarrow \pi^3 p K^0$ reactions at $1.7 \leq Q^2 \leq 4.5 \text{ GeV}^2$ . Physical Review C, 2007, 75, .	2.9	31
215	of the $\pi^3 p \rightarrow \pi^3 p K^+$ and $\pi^3 p \rightarrow \pi^3 p K^0$ reactions at $1.7 \leq Q^2 \leq 4.5 \text{ GeV}^2$ . Physical Review C, 2007, 75, .	2.9	31
216	First measurement of beam-recoil observables $C_x$ and $C_z$ in hyperon photoproduction. Physical Review C, 2007, 75, .	2.9	140

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217	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
218	Electromagnetic KY production from the proton in a Regge-plus-resonance approach. , 2007, , 349-352.		1
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