

Annalisa D Angelo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

212
papers

4,203
citations

34
h-index

53
g-index

230
ext. papers

4,975
ext. citations

4
avg, IF

4.62
L-index

#	Paper	IF	Citations
212	Electroexcitation of nucleon resonances from CLAS data on single pion electroproduction. <i>Physical Review C</i> , 2009 , 80,	2.7	173
211	Nuclear physics. Momentum sharing in imbalanced Fermi systems. <i>Science</i> , 2014 , 346, 614-7	33.3	159
210	New Measurement of π^0 Beam Asymmetry for π^0 Meson Photoproduction on the Proton. <i>Physical Review Letters</i> , 1998 , 81, 1797-1800	7.4	120
209	Differential cross section and recoil polarization measurements for the $\pi^- \rightarrow K^+ \pi^-$ reaction using CLAS at Jefferson Lab. <i>Physical Review C</i> , 2010 , 81,	2.7	116
208	Polarization observable measurements for $\pi^- \rightarrow K^+ \pi^-$ and $\pi^- \rightarrow K^+ \pi^0$ for energies up to 1.5 GeV. <i>European Physical Journal A</i> , 2007 , 31, 79-93	2.5	103
207	Differential cross section measurement of π^0 photoproduction on the proton from threshold to 1100 MeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 528, 215-220	4.2	98
206	Experimental study of the P11(1440) and D13(1520) resonances from the CLAS data on $ep \rightarrow e' p \pi^0$. <i>Physical Review C</i> , 2012 , 86,	2.7	94
205	Measurement of π^0 photoproduction on the proton from 550 to 1500 MeV at GRAAL. <i>European Physical Journal A</i> , 2005 , 26, 399-419	2.5	89
204	Measurement of the π^0 photoproduction line shapes near the $\rho(770)$. <i>Physical Review C</i> , 2013 , 87,	2.7	86
203	Measurement of π^0 photoproduction on the proton from threshold to 1500 MeV. <i>European Physical Journal A</i> , 2007 , 33, 169-184	2.5	83
202	Differential cross sections for the reactions $\pi^- \rightarrow p \pi^-$ and $\pi^- \rightarrow p \pi^0$ <i>Physical Review C</i> , 2009 , 80,	2.7	82
201	Double π^0 Photoproduction on the Proton at GRAAL. <i>Physical Review Letters</i> , 2003 , 90, 222001	7.4	70
200	Measurement of beam-recoil observables O_x , O_z and target asymmetry T for the reaction $(\gamma p) \rightarrow K^+ (\Lambda)$. <i>European Physical Journal A</i> , 2009 , 39, 149-161	2.5	69
199	Probing high-momentum protons and neutrons in neutron-rich nuclei. <i>Nature</i> , 2018 , 560, 617-621	50.4	62
198	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
197	Differential cross sections and recoil polarizations for the reaction $\pi^- \rightarrow K^+ \pi^-$. <i>Physical Review C</i> , 2010 , 82,	2.7	60
196	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

195	Simultaneous photoproduction of eta and pi0 mesons on the proton. <i>Physical Review Letters</i> , 2008 , 100, 052003	7.4	53
194	Absorption of the Λ and Σ mesons in nuclei. <i>Physical Review Letters</i> , 2010 , 105, 112301	7.4	52
193	Differential photoproduction cross sections of the $\Delta(1385)$, $\Delta(1405)$, and $\Delta(1520)$. <i>Physical Review C</i> , 2013 , 88,	2.7	50
192	Modified structure of protons and neutrons in correlated pairs. <i>Nature</i> , 2019 , 566, 354-358	50.4	50
191	Limits on light-speed anisotropies from Compton scattering of high-energy electrons. <i>Physical Review Letters</i> , 2010 , 104, 241601	7.4	49
190	Measurement of the structure function of the nearly free neutron using spectator tagging in inelastic $H_2(e,e'p_s)X$ scattering with CLAS. <i>Physical Review C</i> , 2014 , 89,	2.7	45
189	Cross Sections for the Exclusive Photon Electroproduction on the Proton and Generalized Parton Distributions. <i>Physical Review Letters</i> , 2015 , 115, 212003	7.4	45
188	Differential cross sections and spin density matrix elements for the reaction $\bar{p} \rightarrow p \pi$ <i>Physical Review C</i> , 2009 , 80,	2.7	44
187	The SPARC project: a high-brightness electron beam source at LNF to drive a SASE-FEL experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 507, 345-349	1.2	44
186	The CLAS12 Spectrometer at Jefferson Laboratory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020 , 959, 163419	1.2	42
185	Direct Observation of Proton-Neutron Short-Range Correlation Dominance in Heavy Nuclei. <i>Physical Review Letters</i> , 2019 , 122, 172502	7.4	39
184	Measurement of exclusive (Δ) electroproduction structure functions and their relationship to transverse generalized parton distributions. <i>Physical Review Letters</i> , 2012 , 109, 112001	7.4	39
183	Cadmium β -intrinsic telluride photon detector for epithermal neutron spectroscopy pulse height response characterisation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 526, 477-492	1.2	39
182	Measurements of $ep \rightarrow e' p n$ at 1.6. <i>Physical Review C</i> , 2015 , 91,	2.7	37
181	Spin and parity measurement of the $\Delta(1405)$ baryon. <i>Physical Review Letters</i> , 2014 , 112,	7.4	35
180	Measurement of the neutron F2 structure function via spectator tagging with CLAS. <i>Physical Review Letters</i> , 2012 , 108, 142001	7.4	34
179	The GRAAL high resolution BGO calorimeter and its energy calibration and monitoring system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 404, 71-86	1.2	34
178	First measurement of the beam asymmetry in Δ photoproduction on the neutron. <i>Physical Review C</i> , 2008 , 78,	2.7	34

177	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
176	Generation of Compton backscattering γ ray beams. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000 , 455, 1-6	1.2	32
175	Longitudinal target-spin asymmetries for deeply virtual compton scattering. <i>Physical Review Letters</i> , 2015 , 114, 032001	7.4	31
174	CdZnTe γ detector for deep inelastic neutron scattering on the VESUVIO spectrometer. <i>Applied Physics A: Materials Science and Processing</i> , 2004 , 78, 903-913	2.6	30
173	Photoproduction of Λ and Σ hyperons using linearly polarized photons. <i>Physical Review C</i> , 2016 , 93,	2.7	29
172	Data analysis techniques, differential cross sections, and spin density matrix elements for the reaction $\bar{p} \rightarrow ?p$. <i>Physical Review C</i> , 2014 , 89,	2.7	29
171	Partial wave analysis of the reaction $\bar{p} \rightarrow p\Lambda$ and the search for nucleon resonances. <i>Physical Review C</i> , 2009 , 80,	2.7	29
170	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
169	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
168	Beam asymmetry A for π^+ and π^0 photoproduction on the proton for photon energies from 1.102 to 1.862 GeV. <i>Physical Review C</i> , 2013 , 88,	2.7	28
167	Photoproduction of $\pi^+\pi^-$ meson pairs on the proton. <i>Physical Review D</i> , 2009 , 80,	4.9	27
166	Precise measurements of beam spin asymmetries in semi-inclusive π^0 production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 397-402	4.2	26
165	Measurement of (Sigma) beam asymmetry in (π^0) photoproduction off the neutron in the second and third resonances region?. <i>European Physical Journal A</i> , 2009 , 42, 151	2.5	26
164	Publisher's Note: Measurement of the Neutron F2 Structure Function via Spectator Tagging with CLAS [Phys. Rev. Lett. 108, 142001 (2012)]. <i>Physical Review Letters</i> , 2012 , 108,	7.4	26
163	Absolute photofission cross section of ^{197}Au , ^{209}Bi , ^{232}Th , ^{238}U , and ^{235}U nuclei by 69-MeV monochromatic and polarized photons. <i>Physical Review C</i> , 1991 , 44, 354-364	2.7	26
162	Measurements of $ep \rightarrow e^{\prime}p\pi^0$ cross sections with CLAS at 1.40 GeV. <i>Physical Review C</i> , 2017 , 96,	2.7	25
161	Analysis Tools for Next-Generation Hadron Spectroscopy Experiments. <i>Acta Physica Polonica B</i> , 2015 , 46, 257	1.9	24
160	Evidence for the onset of color transparency in π^0 electroproduction off nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 712, 326-330	4.2	24

159	Measurement of two-photon exchange effect by comparing elastic $e\bar{p}$ cross sections. <i>Physical Review C</i> , 2017 , 95,	2.7	24
158	Precise measurement of Σ beam asymmetry for positive pion photoproduction on the proton from 550 to 1100 MeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 475, 372-377	4.2	24
157	Exclusive Δ electroproduction at $W > 2$ GeV with CLAS. <i>Physical Review C</i> , 2014 , 90,	2.7	23
156	Precision measurements of g_1 of the proton and of the deuteron with 6 GeV electrons. <i>Physical Review C</i> , 2014 , 90,	2.7	23
155	Double Σ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 651, 108-113	4.2	23
154	Precise measurement of Σ beam asymmetry for positive pion photoproduction on the proton from 800 to 1500 MeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 544, 113-120	4.2	23
153	Measurements of $H \rightarrow D \rightarrow (\gamma \rightarrow \pi)$ and implications for the convergence of the Gerasimov-Drell-Hern integral. <i>Physical Review Letters</i> , 2009 , 102, 172002	7.4	22
152	Differential cross section of Σ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 688, 289-293	4.2	22
151	Photoproduction of the $f_1(1285)$ meson. <i>Physical Review C</i> , 2016 , 93,	2.7	21
150	Photon beam asymmetry Σ for Δ and Σ photoproduction from the proton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 213-221	4.2	21
149	Tensor correlations measured in $^3\text{He}(e, e' pp)n$. <i>Physical Review Letters</i> , 2010 , 105, 222501	7.4	21
148	GRAAL: a polarized γ ray beam at ESRF. <i>Nuclear Physics A</i> , 1997 , 622, c124-c129	1.3	21
147	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,	2.7	20
146	First measurement of the polarization observable E in the $p \rightarrow (\Delta, \Sigma)n$ 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
145	Δ -meson photoproduction on hydrogen in the neutral decay mode. <i>Physical Review C</i> , 2014 , 89,	2.7	20
144	PROBING THE LIGHT SPEED ANISOTROPY WITH RESPECT TO THE COSMIC MICROWAVE BACKGROUND RADIATION DIPOLE. <i>Modern Physics Letters A</i> , 2005 , 20, 19-28	1.3	20
143	μ detectors for Deep Inelastic Neutron Scattering in the 1000 eV energy region. <i>Applied Physics A: Materials Science and Processing</i> , 2002 , 74, s189-s190	2.6	20
142	Talodon: a polarized and tagged gamma ray beam. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1991 , 305, 19-24	1.2	20

141	Demonstration of a novel technique to measure two-photon exchange effects in elastic $e\bar{p}p$ scattering. <i>Physical Review C</i> , 2013 , 88,	2.7	19
140	Measurement of the differential and total cross sections of the $\bar{p}\rightarrow K^0\bar{p}$ reaction within the resonance region. <i>Physical Review C</i> , 2017 , 96,	2.7	19
139	Measurement of transparency ratios for protons from short-range correlated pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 722, 63-68	4.2	19
138	The extraction of σ_{tot} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 680, 417-422	4.2	19
137	The resonant detector and its application to epithermal neutron spectroscopy. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 529, 293-300	1.2	19
136	A large acceptance lead-scintillator time-of-flight wall for neutral and charged particles. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 487, 396-406	1.2	19
135	Search for a dark photon in electroproduced $e+e\bar{p}$ pairs with the Heavy Photon Search experiment at JLab. <i>Physical Review D</i> , 2018 , 98,	4.9	19
134	First Exclusive Measurement of Deeply Virtual Compton Scattering off ^4He : Toward the 3D Tomography of Nuclei. <i>Physical Review Letters</i> , 2017 , 119, 202004	7.4	18
133	The temperature monitoring system of a BGO calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 403, 22-30	1.2	18
132	Exclusive photodisintegration of ^3He with polarized photons. <i>Physical Review Letters</i> , 1994 , 73, 408-411	7.4	18
131	First measurement of the (Σ) beam asymmetry in (η') photoproduction off the proton near threshold. <i>European Physical Journal A</i> , 2015 , 51, 1	2.5	17
130	Determination of the proton spin structure functions for 0.05. <i>Physical Review C</i> , 2017 , 96,	2.7	17
129	First results on nucleon resonance photocouplings from the $\bar{p}\rightarrow \bar{n}p$ reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 788, 371-379	4.2	16
128	Beam-Target Helicity Asymmetry for $[\overrightarrow{n}\overrightarrow{-}]\rightarrow\bar{n}\{-\}p$ in the $N^{\{*\}}$ Resonance Region. <i>Physical Review Letters</i> , 2017 , 118, 242002	7.4	16
127	Neutron detection efficiency of BGO calorimeter at GRAAL. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 562, 85-91	1.2	16
126	Deep exclusive \bar{n} electroproduction off the proton at CLAS. <i>European Physical Journal A</i> , 2013 , 49, 1	2.5	15
125	First observation of the ($\bar{N}1405$) line shape in electroproduction. <i>Physical Review C</i> , 2013 , 88,	2.7	15
124	Publisher's Note: Differential photoproduction cross sections of the $\bar{N}(1385)$, ($\bar{N}1405$), and ($\bar{N}1520$) [Phys. Rev. C 88, 045201 (2013)]. <i>Physical Review C</i> , 2013 , 88,	2.7	15

123	Beam asymmetry Σ measurements of Σ photoproduction on neutrons. <i>Physical Review C</i> , 2010 , 82,	2.7	15
122	Electromagnetic decay of the $\Sigma(1385)$ to Σ <i>Physical Review D</i> , 2011 , 83,	4.9	15
121	Status of the SPARC project. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 528, 586-590	1.2	15
120	Beam-spin asymmetries from semi-inclusive pion electroproduction. <i>Physical Review D</i> , 2014 , 89,	4.9	14
119	Differential cross section measurements for $\Sigma \rightarrow \Sigma$ above the first nucleon resonance region. <i>Physical Review C</i> , 2017 , 96,	2.7	13
118	Measurements of the $\Sigma p \rightarrow p \Sigma$ cross section with the CLAS detector for 0.4 GeV ² . <i>Physical Review C</i> , 2018 , 98,	2.7	13
117	Separated structure functions for exclusive K^+ and K^0 electroproduction at 5.5 GeV measured with CLAS. <i>Physical Review C</i> , 2013 , 87,	2.7	13
116	Project GRAAL: the scientific case 1990 , 103, 1555-1576		13
115	Experimental study of high-energy resolution lead/scintillating fiber calorimetry in the 600-200 MeV energy region. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 386, 254-258	1.2	12
114	A cryostat to hold frozen-spin polarized HD targets in CLAS: HDice-II. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016 , 815, 31-41	1.2	11
113	Photon beam asymmetry Σ in the reaction $\Sigma p \rightarrow p \Sigma$ for $E = 1.152$ to 1.876 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 773, 112-120	4.2	11
112	Cross sections for the $\Sigma \rightarrow K^+ \Sigma$ and $\Sigma \rightarrow K^+ \Sigma$ reactions measured at CLAS. <i>Physical Review C</i> , 2013 , 87,	2.7	11
111	Response of BGO sectors to protons up to 170 MeV. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 321, 219-222	1.2	11
110	Optimization of response of BGO sectors for a 4 Σ electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 317, 492-497	1.2	11
109	Exclusive photoproduction of Σ up to large values of Mandelstam variables s, t , and u with CLAS. <i>Physical Review C</i> , 2018 , 98,	2.7	10
108	Exclusive Σ electroproduction at $W > 2$ GeV with CLAS and transversity generalized parton distributions. <i>Physical Review C</i> , 2017 , 95,	2.7	10
107	Search for baryon-number and lepton-number violating decays of Σ hyperons using the CLAS detector at Jefferson Laboratory. <i>Physical Review D</i> , 2015 , 92,	4.9	10
106	Publisher's Note: Data analysis techniques, differential cross sections, and spin density matrix elements for the reaction $\Sigma \rightarrow p \Sigma$ [Phys. Rev. C 89, 055208 (2014)]. <i>Physical Review C</i> , 2014 , 90,	2.7	10

105	A portable cryostat for the cold transfer of polarized solid HD targets: HDice-I. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 737, 107-116	1.2	10
104	Coherent π photo-production on ^4He at intermediate energies with polarized photons. <i>Nuclear Physics A</i> , 1999 , 646, 55-66	1.3	10
103	Polarised and tagged gamma-ray Ladon beams. <i>Rivista Del Nuovo Cimento</i> , 1996 , 19, 1-30	3.5	10
102	First measurement of the reaction $^3\text{He}(\gamma, n)^2\text{He}$. <i>Physical Review Letters</i> , 1994 , 72, 617-620	7.4	10
101	Differential cross sections and polarization observables from CLAS K^+ photoproduction and the search for new N^* states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 142-150	4.2	9
100	Target and double spin asymmetries of deeply virtual π production with a longitudinally polarized proton target and CLAS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 768, 168-173	4.2	9
99	The CLAS12 Forward Tagger. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020 , 959, 163475	1.2	9
98	Measurement of the Q^2 Dependence of the Deuteron Spin Structure Function g_1 and its Moments at Low Q^2 with CLAS. <i>Physical Review Letters</i> , 2018 , 120, 062501	7.4	9
97	Measurement of the helicity asymmetry E in π^0 photoproduction. <i>Physical Review C</i> , 2017 , 96,	2.7	9
96	Near-threshold photoproduction of η mesons from deuterium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 696, 338-342	4.2	9
95	Meson photoproduction at GRAAL and baryon resonances. <i>Nuclear Physics A</i> , 2002 , 699, 218-225	1.3	9
94	Fission of complex nuclei induced by 52-MeV monochromatic and polarized photons. <i>Physical Review C</i> , 1991 , 44, 1683-1686	2.7	9
93	Hard exclusive pion electroproduction at backward angles with CLAS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 780, 340-345	4.2	8
92	Measurement of the π beam asymmetry for the π^0 photoproduction off the proton and the neutron at the GRAAL experiment. <i>Physical Review C</i> , 2015 , 91,	2.7	8
91	Strangeness suppression of $q\bar{q}$ creation observed in exclusive reactions. <i>Physical Review Letters</i> , 2014 , 113, 152004	7.4	8
90	Branching ratio of the electromagnetic decay of the $\omega(1385)$. <i>Physical Review D</i> , 2012 , 85,	4.9	8
89	Meson photoproduction on the nucleon with polarized photons. <i>European Physical Journal A</i> , 2007 , 31, 441-445	2.5	8
88	Measurement of the total photoabsorption cross section on a proton in the energy range $600 \leq E \leq 500$ MeV at the GRAAL. <i>Physics of Atomic Nuclei</i> , 2008 , 71, 75-82	0.4	8

87	A polarized HD target factory in Europe. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 464, 428-432	1.2	8
86	Lead/scintillating fiber electromagnetic calorimeters with energy resolution in the 2080 MeV range. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1993 , 332, 444-458	1.2	8
85	Exploring the Structure of the Bound Proton with Deeply Virtual Compton Scattering. <i>Physical Review Letters</i> , 2019 , 123, 032502	7.4	7
84	Fission induced in natTa, natW and natPt targets by 69 MeV monochromatic photons. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1993 , 19, 805-811	2.9	7
83	Simulation of photon-nucleon interactions Part II. π^0 photoproduction with a 4 π BGO calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 346, 441-447	1.2	7
82	Simulation of particle interactions in BGO. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1991 , 305, 391-394	1.2	7
81	Measurement of nuclear transparency ratios for protons and neutrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 797, 134792	4.2	6
80	Disintegration of ^{12}C nuclei by 700–500 MeV photons. <i>Nuclear Physics A</i> , 2015 , 940, 264-278	1.3	6
79	Measurement of the beam asymmetry Σ and the target asymmetry T in the photoproduction of π^0 mesons off the proton using CLAS at Jefferson Laboratory. <i>Physical Review C</i> , 2018 , 97,	2.7	6
78	Publisher's Note: Exclusive π^0 electroproduction at $W > 2$ GeV with CLAS [Phys. Rev. C 90, 025205 (2014)]. <i>Physical Review C</i> , 2014 , 90,	2.7	6
77	Measurement of the generalized form factors near threshold via $\pi^0 p \rightarrow n \pi^0$ at high Q^2 . <i>Physical Review C</i> , 2012 , 85,	2.7	6
76	Measurement of the nuclear multiplicity ratio for π^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 706, 26-31	4.2	6
75	New experimental and simulated results on nuclear media effects in meson photoproduction off nuclei. <i>Progress in Particle and Nuclear Physics</i> , 2008 , 61, 253-259	10.6	6
74	Static and dynamic polarization of HD. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 526, 163-167	1.2	6
73	ETA PHOTOPRODUCTION ON THE NEUTRON AT GRAAL: MEASUREMENT OF THE DIFFERENTIAL CROSS SECTION. <i>International Journal of Modern Physics A</i> , 2005 , 20, 1554-1559	1.2	6
72	Measurement of target and double-spin asymmetries for the $e p \rightarrow e \pi^0 (n)$ reaction in the nucleon resonance region at low Q^2 . <i>Physical Review C</i> , 2016 , 94,	2.7	6
71	Beam-target helicity asymmetry E in K^0_S and K^0_L photoproduction on the neutron. <i>Physical Review C</i> , 2018 , 98,	2.7	6
70	The HPS electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017 , 854, 89-99	1.2	5

69	Exclusive $\pi^0 p$ electroproduction off protons in the resonance region at photon virtualities $0.4 \text{ GeV}^2 < Q^2 < 1 \text{ GeV}^2$. <i>Physical Review C</i> , 2020 , 101,	2.7	5
68	Induced polarization of $\rho(1116)$ in kaon electroproduction. <i>Physical Review C</i> , 2014 , 90,	2.7	5
67	Publisher's Note: Beam asymmetry A_{FB} for π^0 photoproduction on the proton for photon energies from 1.102 to 1.862 GeV [Phys. Rev. C 88, 065203 (2013)]. <i>Physical Review C</i> , 2014 , 89,	2.7	5
66	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
65	Conceptual design of a high-brightness linac for soft X-ray SASE-FEL source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 507, 502-506	1.2	5
64	Fission of ^{27}Al nucleus by 69 MeV monochromatic photons. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1993 , 19, 2145-2156	2.9	5
63	Double K_S^0 photoproduction off the proton at CLAS. <i>Physical Review C</i> , 2018 , 97,	2.7	5
62	Target and beam-target spin asymmetries in exclusive pion electroproduction for $Q^2 > 1 \text{ GeV}^2$. II. $ep \rightarrow e\pi^0 p$. <i>Physical Review C</i> , 2017 , 95,	2.7	4
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