

# Reinhard A Schumacher

## List of Publications by Year in Descending Order

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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.

255  
papers

9,278  
citations

51  
h-index

84  
g-index

274  
ext. papers

10,400  
ext. citations

4.2  
avg, IF

4.76  
L-index

#	Paper	IF	Citations
255	The neuroscience of advanced scientific concepts. <i>Npj Science of Learning</i> , <b>2021</b> , 6, 29	6	0
254	Extraction of Beam-Spin Asymmetries from the Hard Exclusive $\pi^+$ Channel off Protons in a Wide Range of Kinematics. <i>Physical Review Letters</i> , <b>2020</b> , 125, 182001	7.4	4
253	First measurement of direct photoproduction of the $a_2(1320)0$ meson on the proton. <i>Physical Review C</i> , <b>2020</b> , 102,	2.7	2
252	Exclusive $\pi^0 p$ electroproduction off protons in the resonance region at photon virtualities $0.4\text{GeV}^2 \leq Q^2 \leq 1\text{GeV}^2$ . <i>Physical Review C</i> , <b>2020</b> , 101,	2.7	5
251	Beam-target helicity asymmetry $E$ in $K^+\pi^0$ photoproduction on the neutron. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2020</b> , 808, 135662	4.2	2
250	Measurement of nuclear transparency ratios for protons and neutrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 797, 134792	4.2	6
249	First results on nucleon resonance photocouplings from the $\pi^- \rightarrow \pi^0 \pi^-$ reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 788, 371-379	4.2	16
248	Measurement of the beam spin asymmetry of $e \rightarrow p \rightarrow e p \pi^0$ in the deep-inelastic regime with CLAS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 789, 426-431	4.2	2
247	Direct Observation of Proton-Neutron Short-Range Correlation Dominance in Heavy Nuclei. <i>Physical Review Letters</i> , <b>2019</b> , 122, 172502	7.4	39
246	First Measurements of the Double-Polarization Observables $F$ , $P$ , and $H$ in $\pi^0$ Photoproduction off Transversely Polarized Protons in the $N^*$ Resonance Region. <i>Physical Review Letters</i> , <b>2019</b> , 122, 162301	7.4	4
245	Modified structure of protons and neutrons in correlated pairs. <i>Nature</i> , <b>2019</b> , 566, 354-358	50.4	50
244	Beam asymmetry $E$ for the photoproduction of $\Delta$ and $\Sigma$ mesons at $E \leq 8.8\text{GeV}$ . <i>Physical Review C</i> , <b>2019</b> , 100,	2.7	3
243	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> , <b>2018</b> , 120, 062501	7.4	9
242	Hard exclusive pion electroproduction at backward angles with CLAS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 780, 340-345	4.2	8
241	Measurement of the beam asymmetry $E$ and the target asymmetry $T$ in the photoproduction of $\pi^0$ mesons off the proton using CLAS at Jefferson Laboratory. <i>Physical Review C</i> , <b>2018</b> , 97,	2.7	6
240	Probing high-momentum protons and neutrons in neutron-rich nuclei. <i>Nature</i> , <b>2018</b> , 560, 617-621	50.4	62
239	Measurements of the $\pi^+ p \rightarrow p \pi^+$ cross section with the CLAS detector for $0.4\text{GeV}^2$ . <i>Physical Review C</i> , <b>2018</b> , 98,	2.7	13

238	First measurement of $\rho$ polarization in photoproduction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 783, 280-286	4.2	2
237	Differential cross section for $\pi^- \rightarrow \eta$ using CLAS at Jefferson Lab. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 782, 646-651	4.2	1
236	Exclusive photoproduction of $\eta$ up to large values of Mandelstam variables s,t, and u with CLAS. <i>Physical Review C</i> , <b>2018</b> , 98,	2.7	10
235	Measurement of unpolarized and polarized cross sections for deeply virtual Compton scattering on the proton at Jefferson Laboratory with CLAS. <i>Physical Review C</i> , <b>2018</b> , 98,	2.7	2
234	Beam-target helicity asymmetry E in $K^0 \bar{K}^0$ and $K^0 K^0$ photoproduction on the neutron. <i>Physical Review C</i> , <b>2018</b> , 98,	2.7	6
233	$\eta$ photoproduction from threshold to $W=3.3\text{GeV}$ . <i>Physical Review C</i> , <b>2018</b> , 98,	2.7	2
232	Photoproduction of $K+K^*$ meson pairs on the proton. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	4
231	Center of Mass Motion of Short-Range Correlated Nucleon Pairs studied via the $A(e,e^+pp)$ Reaction. <i>Physical Review Letters</i> , <b>2018</b> , 121, 092501	7.4	29
230	Double $K_S^0$ photoproduction off the proton at CLAS. <i>Physical Review C</i> , <b>2018</b> , 97,	2.7	5
229	Semi-inclusive $\eta$ target and beam-target asymmetries from 6 GeV electron scattering with CLAS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 782, 662-667	4.2	1
228	Beam-target double-spin asymmetry in quasielastic electron scattering off the deuteron with CLAS. <i>Physical Review C</i> , <b>2017</b> , 95,	2.7	3
227	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> , <b>2017</b> , 771, 142-150	4.2	9
226	Target and double spin asymmetries of deeply virtual $\eta$ production with a longitudinally polarized proton target and CLAS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 768, 168-173	4.2	9
225	Target and beam-target spin asymmetries in exclusive pion electroproduction for $Q^2 > 1 \text{ GeV}^2$ . II. $ep \rightarrow e\eta p$ . <i>Physical Review C</i> , <b>2017</b> , 95,	2.7	4
224	Differential cross section measurements for $\pi^- \rightarrow \eta$ above the first nucleon resonance region. <i>Physical Review C</i> , <b>2017</b> , 96,	2.7	13
223	Measurement of the beam asymmetry $\Sigma$ for $\eta$ and $\rho$ photoproduction on the proton at $E \approx 9 \text{ GeV}$ . <i>Physical Review C</i> , <b>2017</b> , 95,	2.7	34
222	Measurements of $ep \rightarrow e\eta p$ cross sections with CLAS at $1.40 \text{ GeV}$ . <i>Physical Review C</i> , <b>2017</b> , 96,	2.7	25
221	Beam-Target Helicity Asymmetry for $\rho$ over $\rightarrow n$ over $\rightarrow \eta$ p in the $N^*$ Resonance Region. <i>Physical Review Letters</i> , <b>2017</b> , 118, 242002	7.4	16

220	Photon beam asymmetry $\Gamma$ for $\Lambda$ and $\Sigma$ photoproduction from the proton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 771, 213-221	4.2	21
219	Exclusive $\Lambda$ electroproduction at $W > 2$ GeV with CLAS and transversity generalized parton distributions. <i>Physical Review C</i> , <b>2017</b> , 95,	2.7	10
218	First Exclusive Measurement of Deeply Virtual Compton Scattering off $^4\text{He}$ : Toward the 3D Tomography of Nuclei. <i>Physical Review Letters</i> , <b>2017</b> , 119, 202004	7.4	18
217	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> , <b>2017</b> , 96,	2.7	19
216	Photon beam asymmetry $\Gamma$ in the reaction $\bar{d}p \rightarrow p\bar{d}$ for $E = 1.152$ to $1.876$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 773, 112-120	4.2	11
215	Target and beam-target spin asymmetries in exclusive pion electroproduction for $Q^2 > 1 \text{ GeV}^2$ . I. $ep \rightarrow e\pi n$ . <i>Physical Review C</i> , <b>2017</b> , 95,	2.7	4
214	Measurement of two-photon exchange effect by comparing elastic $e\pi p$ cross sections. <i>Physical Review C</i> , <b>2017</b> , 95,	2.7	24
213	Measurement of the helicity asymmetry $E$ in $\bar{d} \rightarrow \pi^0$ photoproduction. <i>Physical Review C</i> , <b>2017</b> , 96,	2.7	9
212	Determination of the proton spin structure functions for $0.05$ . <i>Physical Review C</i> , <b>2017</b> , 96,	2.7	17
211	Photoproduction of $\Lambda$ and $\Sigma$ hyperons using linearly polarized photons. <i>Physical Review C</i> , <b>2016</b> , 93,	2.7	29
210	Photoproduction of the $f_1(1285)$ meson. <i>Physical Review C</i> , <b>2016</b> , 93,	2.7	21
209	Target and beam-target spin asymmetries in exclusive $\pi^+$ and $\pi^-$ electroproduction with 1.6- to 5.7-GeV electrons. <i>Physical Review C</i> , <b>2016</b> , 94,	2.7	4
208	First results from the GlueX experiment <b>2016</b> ,		34
207	Measurement of target and double-spin asymmetries for the $e p \rightarrow e\pi^+(n)$ reaction in the nucleon resonance region at low $Q^2$ . <i>Physical Review C</i> , <b>2016</b> , 94,	2.7	6
206	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> , <b>2016</b> , 755, 64-69	4.2	29
205	Measurements of $ep \rightarrow e\pi^+(n)$ at 1.6. <i>Physical Review C</i> , <b>2015</b> , 91,	2.7	37
204	Single and double spin asymmetries for deeply virtual Compton scattering measured with CLAS and a longitudinally polarized proton target. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	33
203	Towards a resolution of the proton form factor problem: new electron and positron scattering data. <i>Physical Review Letters</i> , <b>2015</b> , 114, 062003	7.4	59

202	Longitudinal target-spin asymmetries for deeply virtual compton scattering. <i>Physical Review Letters</i> , <b>2015</b> , 114, 032001	7.4	31
201	Precise determination of the deuteron spin structure at low to moderate Q <sup>2</sup> with CLAS and extraction of the neutron contribution. <i>Physical Review C</i> , <b>2015</b> , 92,	2.7	20
200	Search for baryon-number and lepton-number violating decays of $\Lambda$ hyperons using the CLAS detector at Jefferson Laboratory. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	10
199	Cross Sections for the Exclusive Photon Electroproduction on the Proton and Generalized Parton Distributions. <i>Physical Review Letters</i> , <b>2015</b> , 115, 212003	7.4	45
198	Determination of the beam-spin asymmetry of deuteron photodisintegration in the energy region $E_{\gamma} \in [1.1, 1.3]$ GeV. <i>Physical Review C</i> , <b>2015</b> , 91,	2.7	4
197	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> , <b>2015</b> , 750, 53-58	4.2	20
196	Beam-spin asymmetries from semi-inclusive pion electroproduction. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	14
195	Nuclear physics. Momentum sharing in imbalanced Fermi systems. <i>Science</i> , <b>2014</b> , 346, 614-7	33.3	159
194	Measurement of the structure function of the nearly free neutron using spectator tagging in inelastic H <sub>2</sub> (e,e'p)X scattering with CLAS. <i>Physical Review C</i> , <b>2014</b> , 89,	2.7	45
193	Energy-independent PWA of the reaction $\bar{p} \rightarrow K + \Lambda$ <i>European Physical Journal A</i> , <b>2014</b> , 50, 1	2.5	13
192	Data analysis techniques, differential cross sections, and spin density matrix elements for the reaction $\bar{p} \rightarrow \Lambda p$ . <i>Physical Review C</i> , <b>2014</b> , 89,	2.7	29
191	MEASUREMENT OF EXCITED HYPERONS IN PHOTOPRODUCTION AT CLAS. <i>International Journal of Modern Physics Conference Series</i> , <b>2014</b> , 26, 1460084	0.7	
190	Publisher's Note: Exclusive $\Lambda$ electroproduction at $W > 2$ GeV with CLAS [Phys. Rev. C 90, 025205 (2014)]. <i>Physical Review C</i> , <b>2014</b> , 90,	2.7	6
189	Exclusive $\Lambda$ electroproduction at $W > 2$ GeV with CLAS. <i>Physical Review C</i> , <b>2014</b> , 90,	2.7	23
188	Induced polarization of $\Lambda(1116)$ in kaon electroproduction. <i>Physical Review C</i> , <b>2014</b> , 90,	2.7	5
187	$\eta$ -meson photoproduction on hydrogen in the neutral decay mode. <i>Physical Review C</i> , <b>2014</b> , 89,	2.7	20
186	Precision measurements of $g_1$ of the proton and of the deuteron with 6 GeV electrons. <i>Physical Review C</i> , <b>2014</b> , 90,	2.7	23
185	Publisher's Note: Data analysis techniques, differential cross sections, and spin density matrix elements for the reaction $\bar{p} \rightarrow \Lambda p$ [Phys. Rev. C 89, 055208 (2014)]. <i>Physical Review C</i> , <b>2014</b> , 90,	2.7	10

184	Strangeness suppression of qq creation observed in exclusive reactions. <i>Physical Review Letters</i> , <b>2014</b> , 113, 152004	7.4	8
183	Spin and parity measurement of the $\Sigma(1405)$ baryon. <i>Physical Review Letters</i> , <b>2014</b> , 112,	7.4	35
182	Publisher's Note: Beam asymmetry $A_{FB}$ for $\Sigma^+$ and $\Sigma^0$ 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> , <b>2014</b> , 89,	2.7	5
181	Deep exclusive $\Sigma^+$ electroproduction off the proton at CLAS. <i>European Physical Journal A</i> , <b>2013</b> , 49, 1	2.5	15
180	Isospin decomposition of the photoproduced $\Sigma^+$ system near the $\Sigma(1405)$ . <i>Nuclear Physics A</i> , <b>2013</b> , 914, 51-59	1.3	11
179	Demonstration of a novel technique to measure two-photon exchange effects in elastic $e\bar{p}p$ scattering. <i>Physical Review C</i> , <b>2013</b> , 88,	2.7	19
178	Measurement of transparency ratios for protons from short-range correlated pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 722, 63-68	4.2	19
177	First observation of the $\Sigma(1405)$ line shape in electroproduction. <i>Physical Review C</i> , <b>2013</b> , 88,	2.7	15
176	Publisher's Note: Differential photoproduction cross sections of the $\Sigma(1385)$ , $\Sigma(1405)$ , and $\Sigma(1520)$ [Phys. Rev. C 88, 045201 (2013)]. <i>Physical Review C</i> , <b>2013</b> , 88,	2.7	15
175	Hard two-body photodisintegration of $^3\text{He}$ . <i>Physical Review Letters</i> , <b>2013</b> , 110, 242301	7.4	3
174	Separated structure functions for exclusive $K^+\Sigma^+$ and $K^+\Sigma^0$ electroproduction at 5.5 GeV measured with CLAS. <i>Physical Review C</i> , <b>2013</b> , 87,	2.7	13
173	Cross sections for the $\bar{p}\rightarrow K^+\Sigma^+$ and $\bar{p}\rightarrow K^+\Sigma^0$ reactions measured at CLAS. <i>Physical Review C</i> , <b>2013</b> , 87,	2.7	11
172	Differential photoproduction cross sections of the $\Sigma(1385)$ , $\Sigma(1405)$ , and $\Sigma(1520)$ . <i>Physical Review C</i> , <b>2013</b> , 88,	2.7	50
171	Transverse polarization of $\Sigma(1189)$ in photoproduction on a hydrogen target in CLAS. <i>Physical Review C</i> , <b>2013</b> , 87,	2.7	3
170	Measurement of the $\Sigma^+$ photoproduction line shapes near the $\Sigma(1405)$ . <i>Physical Review C</i> , <b>2013</b> , 87,	2.7	86
169	Near-threshold neutral pion electroproduction at high momentum transfers and generalized form factors. <i>Physical Review C</i> , <b>2013</b> , 87,	2.7	2
168	Beam asymmetry $A_{FB}$ for $\Sigma^+$ and $\Sigma^0$ photoproduction on the proton for photon energies from 1.102 to 1.862 GeV. <i>Physical Review C</i> , <b>2013</b> , 88,	2.7	28
167	Atmospheric dependence of the stopping cosmic ray muon rate at ground level. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2013</b> , 40, 065203	2.9	1

166	Evidence for the onset of color transparency in $\Delta$ electroproduction off nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 712, 326-330	4.2	24
165	Measurement of the generalized form factors near threshold via $\bar{p}p \rightarrow n\pi$ at high $Q^2$ . <i>Physical Review C</i> , <b>2012</b> , 85,	2.7	6
164	Measurement of exclusive $\Delta$ electroproduction structure functions and their relationship to transverse generalized parton distributions. <i>Physical Review Letters</i> , <b>2012</b> , 109, 112001	7.4	39
163	Experimental study of the P11(1440) and D13(1520) resonances from the CLAS data on $ep \rightarrow e\pi\bar{p}$ . <i>Physical Review C</i> , <b>2012</b> , 86,	2.7	94
162	Lineshape of the $\Delta(1405)$ measured at CLAS <b>2012</b> ,		9
161	Comparison of forward and backward pp pair knockout in $^3\text{He}(e,e^2pp)n$ . <i>Physical Review C</i> , <b>2012</b> , 85,	2.7	1
160	Upper limits for the photoproduction cross section for the $\Delta(1860)$ pentaquark state off the deuteron. <i>Physical Review C</i> , <b>2012</b> , 85,	2.7	2
159	Comment on $\Delta$ Observation of a narrow structure in $^1\text{H}(\bar{K}S^0)\text{X}$ via interference with $\pi$ -meson production $\square$ <i>Physical Review C</i> , <b>2012</b> , 86,	2.7	3
158	Branching ratio of the electromagnetic decay of the $\Delta(1385)$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	8
157	Publisher's Note: Branching ratio of the electromagnetic decay of the $\Delta(1385)$ Phys. Rev. D 85, 052004 (2012). <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	3
156	Measurement of the neutron F2 structure function via spectator tagging with CLAS. <i>Physical Review Letters</i> , <b>2012</b> , 108, 142001	7.4	34
155	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> , <b>2012</b> , 108,	7.4	26
154	Precise measurements of beam spin asymmetries in semi-inclusive $\Delta$ production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 704, 397-402	4.2	26
153	Measurement of the nuclear multiplicity ratio for $\Delta$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 706, 26-31	4.2	6
152	Near-threshold photoproduction of $\pi$ mesons from deuterium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 696, 338-342	4.2	9
151	Scaling and resonances in elementary $K^+\pi$ photoproduction. <i>Physical Review C</i> , <b>2011</b> , 83,	2.7	15
150	Electromagnetic decay of the $\Delta(1385)$ to $\pi\Delta$ <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	15
149	Measurement of single- and double-spin asymmetries in deep inelastic pion electroproduction with a longitudinally polarized target. <i>Physical Review Letters</i> , <b>2010</b> , 105, 262002	7.4	60

148	Differential cross sections and recoil polarizations for the reaction $\bar{p} \rightarrow K + \bar{D}$ . <i>Physical Review C</i> , <b>2010</b> , 82,	2.7	60
147	Tensor correlations measured in $^3\text{He}(e, e' p)n$ . <i>Physical Review Letters</i> , <b>2010</b> , 105, 222501	7.4	21
146	Differential cross section and recoil polarization measurements for the $\bar{p} \rightarrow K + \bar{\Lambda}$ reaction using CLAS at Jefferson Lab. <i>Physical Review C</i> , <b>2010</b> , 81,	2.7	116
145	Absorption of the $\Lambda$ and $\Sigma$ mesons in nuclei. <i>Physical Review Letters</i> , <b>2010</b> , 105, 112301	7.4	52
144	Strangeness Physics with CLAS at Jefferson Lab <b>2010</b> ,		3
143	Evidence for a backward peak in the $\bar{D} \rightarrow \bar{D}d$ cross section near the $\Lambda$ threshold. <i>European Physical Journal A</i> , <b>2010</b> , 43, 261-267	2.5	14
142	Properties of the $\Lambda(1405)$ Measured at CLAS. <i>Nuclear Physics A</i> , <b>2010</b> , 835, 325-328	1.3	16
141	Measurement of the nucleon structure function $F_2$ in the nuclear medium and evaluation of its moments. <i>Nuclear Physics A</i> , <b>2010</b> , 845, 1-32	1.3	5
140	Differential cross section of $\Lambda$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 688, 289-293	4.2	22
139	Hyperon Photo- and Electro- Production Experiments at CLAS. <i>Nuclear Physics A</i> , <b>2010</b> , 835, 231-238	1.3	2
138	Electroexcitation of nucleon resonances from CLAS data on single pion electroproduction. <i>Physical Review C</i> , <b>2009</b> , 80,	2.7	173
137	$\Lambda$ photoproduction on the proton for photon energies from 0.725 to 2.875 GeV. <i>Physical Review C</i> , <b>2009</b> , 79,	2.7	89
136	Measurement of direct $f_0(980)$ photoproduction on the proton. <i>Physical Review Letters</i> , <b>2009</b> , 102, 102091	7.4	17
135	Differential cross sections and spin density matrix elements for the reaction $\bar{p} \rightarrow p \pi^0$ . <i>Physical Review C</i> , <b>2009</b> , 80,	2.7	44
134	Beam-recoil polarization transfer in the nucleon resonance region in the exclusive $e \rightarrow p \rightarrow e' K + \Lambda$ and $e \rightarrow p \rightarrow e' K + \Sigma^0$ reactions at the CLAS spectrometer. <i>Physical Review C</i> , <b>2009</b> , 79,	2.7	29
133	Beam spin asymmetries in deeply virtual Compton scattering (DVCS) with CLAS at 4.8 GeV. <i>Physical Review C</i> , <b>2009</b> , 80,	2.7	27
132	Partial wave analysis of the reaction $\bar{p} \rightarrow p \Lambda$ and the search for nucleon resonances. <i>Physical Review C</i> , <b>2009</b> , 80,	2.7	29
131	Photodisintegration of $\text{He}^4$ into $p+t$ . <i>Physical Review C</i> , <b>2009</b> , 80,	2.7	3



130	Differential cross sections for the reactions $\bar{p} \rightarrow p\pi^0$ and $\bar{p} \rightarrow p\pi^-$ <i>Physical Review C</i> , <b>2009</b> , 80,	2.7	82
129	Search for the photoexcitation of exotic mesons in the $\pi^+p\pi^-$ system. <i>Physical Review Letters</i> , <b>2009</b> , 102, 102002	7.4	26
128	Electroproduction of $\rho^0$ off protons at 0.2. <i>Physical Review C</i> , <b>2009</b> , 79,	2.7	30
127	Measurement of the differential cross section for the reaction $\gamma n \rightarrow \pi^- p$ from deuterium. <i>Physical Review Letters</i> , <b>2009</b> , 103, 012301	7.4	29
126	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> , <b>2009</b> , 672, 12-16	4.2	37
125	The extraction of $\rho^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2009</b> , 680, 417-422	4.2	19
124	Exclusive $\rho^0$ electroproduction on the proton at CLAS. <i>European Physical Journal A</i> , <b>2009</b> , 39, 5-31	2.5	39
123	Photoproduction of $\rho^0$ meson pairs on the proton. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	27
122	Measurement of semi-inclusive $\rho^0$ electroproduction off the proton. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	46
121	Precise measurement of the neutron magnetic form factor $G_M^n$ in the few-GeV <sup>2</sup> region. <i>Physical Review Letters</i> , <b>2009</b> , 102, 192001	7.4	68
120	Electroproduction of $\rho^0(1020)$ mesons at 1.4 < Q <sup>2</sup> < 3.8 GeV <sup>2</sup> measured with the CLAS spectrometer. <i>Physical Review C</i> , <b>2008</b> , 78,	2.7	24
119	Measurement of $ep \rightarrow ep\rho^0$ beam spin asymmetries above the resonance region. <i>Physical Review C</i> , <b>2008</b> , 77,	2.7	22
118	Polarized structure function $\Pi T'$ for $H_1(e \rightarrow, e'K^+)n$ in the nucleon resonance region. <i>Physical Review C</i> , <b>2008</b> , 77,	2.7	26
117	Electroexcitation of the Roper resonance for 1.7. <i>Physical Review C</i> , <b>2008</b> , 78,	2.7	59
116	First measurement of target and double spin asymmetries for $e \rightarrow p \rightarrow ep\rho^0$ in the nucleon resonance region above the $\Delta(1232)$ . <i>Physical Review C</i> , <b>2008</b> , 78,	2.7	17
115	Bayesian analysis of pentaquark signals from CLAS data. <i>Physical Review Letters</i> , <b>2008</b> , 100, 052001	7.4	13
114	Cross sections and beam asymmetries for $e \rightarrow p \rightarrow en\rho^0$ in the nucleon resonance region for 1.7 < Q <sup>2</sup> < 4.5 GeV <sup>2</sup> . <i>Physical Review C</i> , <b>2008</b> , 77,	2.7	51
113	Light vector mesons in the nuclear medium. <i>Physical Review C</i> , <b>2008</b> , 78,	2.7	51

112	Measurement of deeply virtual compton scattering beam-spin asymmetries. <i>Physical Review Letters</i> , <b>2008</b> , 100, 162002	7.4	122
111	Ratios of N15/C12 and He4/C12 inclusive electroproduction cross sections in the nucleon resonance region. <i>Physical Review C</i> , <b>2008</b> , 78,	2.7	6
110	Polarization in hyperon photo- and electro-production?. <i>European Physical Journal A</i> , <b>2008</b> , 35, 299-305	2.5	10
109	Quark-hadron duality in spin structure functions g1p and g1d. <i>Physical Review C</i> , <b>2007</b> , 75,	2.7	37
108	Search for medium modifications of the rho meson. <i>Physical Review Letters</i> , <b>2007</b> , 99, 262302	7.4	61
107	Separated structure functions for the exclusive electroproduction of K+Λ and K+Σ final states. <i>Physical Review C</i> , <b>2007</b> , 75,	2.7	43
106	Experimental study of exclusive 2H(e,e'p)n reaction mechanisms at high Q2. <i>Physical Review Letters</i> , <b>2007</b> , 98, 262502	7.4	24
105	Measurement of coherent π-meson photoproduction from the deuteron at low energies. <i>Physical Review C</i> , <b>2007</b> , 76,	2.7	16
104	Weak decays of 4He. <i>Physical Review C</i> , <b>2007</b> , 76,	2.7	18
103	π photoproduction on the proton for photon energies from 0.675 to 2.875 GeV. <i>Physical Review C</i> , <b>2007</b> , 76,	2.7	72
102	Cascade production in the reactions π <sup>-</sup> →K+K+(X) and π <sup>-</sup> →K+K+(X). <i>Physical Review C</i> , <b>2007</b> , 76,	2.7	29
101	Cross sections for the π <sup>-</sup> →K*0π reaction at Eπ=1.7B.0 GeV. <i>Physical Review C</i> , <b>2007</b> , 75,	2.7	26
100	Q2 dependence of the S11(1535) photocoupling and evidence for a P-wave resonance in π electroproduction. <i>Physical Review C</i> , <b>2007</b> , 76,	2.7	73
99	First measurement of beam-recoil observables Cx and Cz in hyperon photoproduction. <i>Physical Review C</i> , <b>2007</b> , 75,	2.7	118
98	The Rise and Fall of Pentaquarks in Experiments. <i>AIP Conference Proceedings</i> , <b>2006</b> ,	0	11
97	Search for Theta++ pentaquarks in the exclusive reaction γp→K+K-p. <i>Physical Review Letters</i> , <b>2006</b> , 97, 102001	7.4	12
96	Search for the Theta+ pentaquark in the reaction γd→pK-K+n. <i>Physical Review Letters</i> , <b>2006</b> , 96, 212001	7.4	79
95	Search for the Theta+ Pentaquark in the γd→ΔnK+ reaction measured with the CLAS spectrometer. <i>Physical Review Letters</i> , <b>2006</b> , 97, 032001	7.4	35

94	Single $\Xi$ electroproduction on the proton in the first and second resonance regions at 0.25 GeV <sup>2</sup> . <i>Physical Review C</i> , <b>2006</b> , 73,	2.7	46
93	Search for Theta+ (1540) Pentaquark in High-Statistics Measurement of $\gamma p \rightarrow K^0 K^+ n$ at CLAS. <i>Physical Review Letters</i> , <b>2006</b> , 96, 042001	7.4	66
92	Measurement of the deuteron structure function F <sub>2</sub> in the resonance region and evaluation of its moments. <i>Physical Review C</i> , <b>2006</b> , 73,	2.7	16
91	Electron scattering from high-momentum neutrons in deuterium. <i>Physical Review C</i> , <b>2006</b> , 73,	2.7	23
90	Measurement of deeply virtual compton scattering with a polarized-proton target. <i>Physical Review Letters</i> , <b>2006</b> , 97, 072002	7.4	85
89	Eta' photoproduction on the proton for photon energies from 1.527 to 2.227 GeV. <i>Physical Review Letters</i> , <b>2006</b> , 96, 062001	7.4	52
88	Measurement of two- and three-nucleon short-range correlation probabilities in nuclei. <i>Physical Review Letters</i> , <b>2006</b> , 96, 082501	7.4	181
87	Measurement of the N $\rightarrow$ Delta+(1232) transition at high-momentum transfer by pi(0) electroproduction. <i>Physical Review Letters</i> , <b>2006</b> , 97, 112003	7.4	79
86	Differential cross sections for $\Xi p \rightarrow K^{++} Y$ for $\Xi$ and $\Xi'$ hyperons. <i>Physical Review C</i> , <b>2006</b> , 73,	2.7	210
85	Measurement of the x- and Q <sup>2</sup> -dependence of the asymmetry A <sub>1</sub> on the nucleon. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 641, 11-17	4.2	95
84	Search for the $\Xi$ pentaquark in the reactions $\bar{p} \rightarrow K^0 K^+ n$ and $\bar{p} \rightarrow K^0 K^0 p$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	47
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82	Survey of asymmetries in semi-exclusive electron scattering on 4He and 12C. <i>Nuclear Physics A</i> , <b>2005</b> , 748, 357-373	1.3	4
81	Deeply virtual and exclusive electroproduction of mesons. <i>European Physical Journal A</i> , <b>2005</b> , 24, 445-458	2.5	33
80	Measurement of the polarized structure function $\Pi_T'$ for pion electroproduction in the Roper-resonance region. <i>Physical Review C</i> , <b>2005</b> , 72,	2.7	17
79	Exclusive photoproduction of the cascade ( $\Xi$ ) hyperons. <i>Physical Review C</i> , <b>2005</b> , 71,	2.7	23
78	Radiative decays of the $\Xi(1385)$ and $\Xi(1520)$ hyperons. <i>Physical Review C</i> , <b>2005</b> , 71,	2.7	27
77	Beam-helicity asymmetries in double-charged-pion photoproduction on the proton. <i>Physical Review Letters</i> , <b>2005</b> , 95, 162003	7.4	40

76	Measurement of the polarized structure function $\Gamma_T$ for $p(e, e'p)n$ in the $\Delta(1232)$ resonance region. <i>Physical Review C</i> , <b>2004</b> , 70,	2.7	37
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60	Photoproduction of the $\rho(0)$ meson on the proton at large momentum transfer. <i>Physical Review Letters</i> , <b>2001</b> , 87, 172002	7.4	42
59	Observation of spin-orbit splitting in $\lambda$ single-particle states. <i>Physical Review Letters</i> , <b>2001</b> , 86, 4255-8	7.4	100

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52	Results from PS185. <i>Nuclear Physics A</i> , <b>1999</b> , 655, c173-c178	1.3	4
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44	A Large Acceptance Detector System (LADS) for studies of pion absorption. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1996</b> , 373, 374-386	1.2	15
43	Measurement of the $p\text{-bar}p \rightarrow \Lambda\text{-bar}\Lambda$ and $p\text{-bar}p \rightarrow \Sigma\text{-bar}\Lambda + \text{c.c.}$ reactions at 1.726 and 1.771 GeV/c. <i>Physical Review C</i> , <b>1996</b> , 54, 2831-2842	2.7	20
42	Strangelet search and light nucleus production in relativistic Si+Pt and Au+Pt collisions. <i>Physical Review C</i> , <b>1996</b> , 54, R15-R19	2.7	12
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39	Search for strangelets and other rare objects in Au + Pt collisions at the AGS using a fixed-angle focusing spectrometer. <i>Nuclear Physics A</i> , <b>1995</b> , 585, 59-62	1.3	1
38	Electromagnetic strangeness production at CEBAF. <i>Nuclear Physics A</i> , <b>1995</b> , 585, 63-74	1.3	18
37	Search for H dibaryon-nucleus bound states in relativistic Au+Pt collisions. <i>Physical Review C</i> , <b>1995</b> , 52, 1580-1583	2.7	8
36	A re-evaluation of the nuclear structure function ratios for D, He, 6Li, C and Ca. <i>Nuclear Physics B</i> , <b>1995</b> , 441, 3-11	2.8	151
35	Strangeness Electro- and Photo-Production at CEBAF. <i>Few-Body Systems</i> , <b>1995</b> , 355-368		
34	Large-solid-angle study of pion absorption on 3He. <i>Physical Review Letters</i> , <b>1994</b> , 73, 1336-1339	7.4	32
33	Composite particle production in relativistic Au+Pt, Si+Pt, and p+Pt collisions. <i>Physical Review C</i> , <b>1994</b> , 49, 3211-3218	2.7	25
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30	Production of pi +/-, K+/-, p, and p-bar in relativistic Au+Pt, Si+Pt, and p+Pt collisions. <i>Physical Review C</i> , <b>1993</b> , 48, 2984-2994	2.7	19
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28	Quark and gluon distributions and $\bar{u}$ s from nucleon structure functions at low x. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 309, 222-230	4.2	53
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22	Proton and deuteron F2 structure functions in deep inelastic muon scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 295, 159-168	4.2	227
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15	Precision measurement of the structure function ratios $F_2^{\text{He2}}/F_2^{\text{D2}}$ , $F_2^{\text{C2}}/F_2^{\text{D2}}$ and $F_2^{\text{Ca2}}/F_2^{\text{D2}}$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1991</b> , 51, 387-393		95
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