

# Franck Sabatie

## 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.

221  
papers

9,621  
citations

52  
h-index

87  
g-index

230  
ext. papers

11,031  
ext. citations

4.8  
avg, IF

4.74  
L-index

#	Paper	IF	Citations
221	First results on nucleon resonance photocouplings from the $\bar{p} \rightarrow \bar{n}\bar{p}$ reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 788, 371-379	4.2	16
220	Measurement of the beam spin asymmetry of $e \rightarrow p \rightarrow e\gamma p$ 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
219	Modified structure of protons and neutrons in correlated pairs. <i>Nature</i> , <b>2019</b> , 566, 354-358	50.4	50
218	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
217	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
216	Measurement of the beam asymmetry $\Sigma$ 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
215	Probing high-momentum protons and neutrons in neutron-rich nuclei. <i>Nature</i> , <b>2018</b> , 560, 617-621	50.4	62
214	Measurements of the $\bar{p}p \rightarrow p\bar{p}$ cross section with the CLAS detector for 0.4 GeV <sup>2</sup> . <i>Physical Review C</i> , <b>2018</b> , 98,	2.7	13
213	First measurement of $\pi^0$ 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
212	Exclusive photoproduction of $\pi^0$ 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
211	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
210	Beam-target helicity asymmetry $E$ in $K^0$ and $K^0$ photoproduction on the neutron. <i>Physical Review C</i> , <b>2018</b> , 98,	2.7	6
209	$\pi^0$ photoproduction from threshold to $W=3.3$ GeV. <i>Physical Review C</i> , <b>2018</b> , 98,	2.7	2
208	PARTONS: PARTonic Tomography Of Nucleon Software. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2	24
207	Photoproduction of $K^+K^-$ meson pairs on the proton. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	4
206	Center of Mass Motion of Short-Range Correlated Nucleon Pairs studied via the $A(e, e'\gamma)pp$ Reaction. <i>Physical Review Letters</i> , <b>2018</b> , 121, 092501	7.4	29
205	Double $K_S^0$ photoproduction off the proton at CLAS. <i>Physical Review C</i> , <b>2018</b> , 97,	2.7	5

204	Semi-inclusive $\pi^0$ 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
203	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
202	PandaX-III: Searching for neutrinoless double beta decay with high pressure $^{136}\text{Xe}$ gas time projection chambers. <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2017</b> , 60, 1	3.6	66
201	Differential cross sections and polarization observables from CLAS $K^0$ 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
200	Target and beam-target spin asymmetries in exclusive pion electroproduction for $Q^2 > 1 \text{ GeV}^2$ . II. $e p \rightarrow e \pi^0 p$ . <i>Physical Review C</i> , <b>2017</b> , 95,	2.7	4
199	Differential cross section measurements for $\pi^+ \rightarrow \pi^0$ above the first nucleon resonance region. <i>Physical Review C</i> , <b>2017</b> , 96,	2.7	13
198	Measurements of $e p \rightarrow e \pi^0 p$ cross sections with CLAS at 1.40 GeV. <i>Physical Review C</i> , <b>2017</b> , 96,	2.7	25
197	Beam-Target Helicity Asymmetry for $\pi^0$ photoproduction from the proton. <i>Physical Review Letters</i> , <b>2017</b> , 118, 242002	7.4	16
196	Photon beam asymmetry $\sigma_{\parallel}$ for $\pi^0$ 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
195	Exclusive $\pi^0$ electroproduction at $W > 2 \text{ GeV}$ with CLAS and transversity generalized parton distributions. <i>Physical Review C</i> , <b>2017</b> , 95,	2.7	10
194	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
193	Measurement of the differential and total cross sections of the $\pi^+ \rightarrow K^0(p)$ reaction within the resonance region. <i>Physical Review C</i> , <b>2017</b> , 96,	2.7	19
192	A glimpse of gluons through deeply virtual compton scattering on the proton. <i>Nature Communications</i> , <b>2017</b> , 8, 1408	17.4	19
191	Photon beam asymmetry $\sigma_{\parallel}$ in the reaction $\pi^+ p \rightarrow p \pi^+$ for $E = 1.152$ to $1.876 \text{ GeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 773, 112-120	4.2	11
190	Measurement of two-photon exchange effect by comparing elastic $e p$ cross sections. <i>Physical Review C</i> , <b>2017</b> , 95,	2.7	24
189	Measurement of the helicity asymmetry $E$ in $\pi^0$ photoproduction. <i>Physical Review C</i> , <b>2017</b> , 96,	2.7	9
188	Determination of the proton spin structure functions for 0.05. <i>Physical Review C</i> , <b>2017</b> , 96,	2.7	17
187	Rosenbluth Separation of the $\pi^0$ Electroproduction Cross Section Off the Neutron. <i>Physical Review Letters</i> , <b>2017</b> , 118, 222002	7.4	7

186	Electron-Ion Collider: The next QCD frontier. <i>European Physical Journal A</i> , <b>2016</b> , 52, 1	2.5	512
185	Photoproduction of $\Lambda$ and $\Sigma$ hyperons using linearly polarized photons. <i>Physical Review C</i> , <b>2016</b> , 93,	2.7	29
184	Target and beam-target spin asymmetries in exclusive $\pi^0$ and $\eta$ electroproduction with 1.6- to 5.7-GeV electrons. <i>Physical Review C</i> , <b>2016</b> , 94,	2.7	4
183	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> , <b>2016</b> , 94,	2.7	6
182	Rosenbluth Separation of the $\pi^0$ Electroproduction Cross Section. <i>Physical Review Letters</i> , <b>2016</b> , 117, 262001	7.4	28
181	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
180	Sketching the pion's valence-quark generalised parton distribution. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 741, 190-196	4.2	44
179	Measurements of $ep \rightarrow e \pi^0 n$ at 1.6. <i>Physical Review C</i> , <b>2015</b> , 91,	2.7	37
178	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
177	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
176	Longitudinal target-spin asymmetries for deeply virtual compton scattering. <i>Physical Review Letters</i> , <b>2015</b> , 114, 032001	7.4	31
175	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> , <b>2015</b> , 92,	2.7	20
174	E00-110 experiment at Jefferson Lab Hall A: Deeply virtual Compton scattering off the proton at 6 GeV. <i>Physical Review C</i> , <b>2015</b> , 92,	2.7	43
173	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
172	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
171	Determination of the beam-spin asymmetry of deuteron photodisintegration in the energy region $E \in [1.1, 3]$ GeV. <i>Physical Review C</i> , <b>2015</b> , 91,	2.7	4
170	DSE inspired model for the pion's valence dressed-quark GPD. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 631, 012062	0.3	2
169	First measurement of the polarization observable $E$ in the $p \rightarrow (\pi^0, \eta)n$ 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

168	Beam-spin asymmetries from semi-inclusive pion electroproduction. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	14
167	Nuclear physics. Momentum sharing in imbalanced Fermi systems. <i>Science</i> , <b>2014</b> , 346, 614-7	33.3	159
166	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
165	On Deeply Virtual Compton Scattering at Next-to-Leading Order. <i>Few-Body Systems</i> , <b>2014</b> , 55, 339-349	1.6	1
164	Data analysis techniques, differential cross sections, and spin density matrix elements for the reaction $\bar{p} \rightarrow ?p$ . <i>Physical Review C</i> , <b>2014</b> , 89,	2.7	29
163	Next to leading order analysis of DVCS and TCS. <i>EPJ Web of Conferences</i> , <b>2014</b> , 66, 06016	0.3	0
162	The readout system for the Clas12 Micromegas vertex tracker <b>2014</b> ,		5
161	Publisher's Note: Exclusive $\bar{D}$ 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
160	Exclusive $\bar{D}$ electroproduction at $W > 2$ GeV with CLAS. <i>Physical Review C</i> , <b>2014</b> , 90,	2.7	23
159	Induced polarization of $\Lambda(1116)$ in kaon electroproduction. <i>Physical Review C</i> , <b>2014</b> , 90,	2.7	5
158	$\eta$ -meson photoproduction on hydrogen in the neutral decay mode. <i>Physical Review C</i> , <b>2014</b> , 89,	2.7	20
157	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
156	Publisher's Note: Data analysis techniques, differential cross sections, and spin density matrix elements for the reaction $\bar{p} \rightarrow ?p$ [Phys. Rev. C 89, 055208 (2014)]. <i>Physical Review C</i> , <b>2014</b> , 90,	2.7	10
155	Strangeness suppression of $q\bar{q}$ creation observed in exclusive reactions. <i>Physical Review Letters</i> , <b>2014</b> , 113, 152004	7.4	8
154	Spin and parity measurement of the $\Lambda(1405)$ baryon. <i>Physical Review Letters</i> , <b>2014</b> , 112,	7.4	35
153	Publisher's Note: Beam asymmetry $A_{\parallel}$ for $\eta$ and $\bar{D}$ 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
152	Deep exclusive $\eta$ electroproduction off the proton at CLAS. <i>European Physical Journal A</i> , <b>2013</b> , 49, 1	2.5	15
151	Demonstration of a novel technique to measure two-photon exchange effects in elastic $e\bar{p}$ scattering. <i>Physical Review C</i> , <b>2013</b> , 88,	2.7	19

150	From hard exclusive meson electroproduction to deeply virtual Compton scattering. <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	58
149	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
148	First observation of the $\rho(1405)$ line shape in electroproduction. <i>Physical Review C</i> , <b>2013</b> , 88,	2.7	15
147	Publisher's Note: Differential photoproduction cross sections of the $\rho(1385)$ , $\rho(1405)$ , and $\rho(1520)$ [Phys. Rev. C 88, 045201 (2013)]. <i>Physical Review C</i> , <b>2013</b> , 88,	2.7	15
146	Hard two-body photodisintegration of $^3\text{He}$ . <i>Physical Review Letters</i> , <b>2013</b> , 110, 242301	7.4	3
145	Timelike and spacelike deeply virtual Compton scattering at next-to-leading order. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	28
144	Separated structure functions for exclusive $K^+\rho$ and $K^+\omega$ electroproduction at 5.5 GeV measured with CLAS. <i>Physical Review C</i> , <b>2013</b> , 87,	2.7	13
143	Cross sections for the $\bar{p}\rightarrow K^+\rho$ and $\bar{p}\rightarrow K^+\omega$ reactions measured at CLAS. <i>Physical Review C</i> , <b>2013</b> , 87,	2.7	11
142	Differential photoproduction cross sections of the $\rho(1385)$ , $\rho(1405)$ , and $\rho(1520)$ . <i>Physical Review C</i> , <b>2013</b> , 88,	2.7	50
141	Transverse polarization of $\rho(1189)$ in photoproduction on a hydrogen target in CLAS. <i>Physical Review C</i> , <b>2013</b> , 87,	2.7	3
140	Measurement of the $\rho$ photoproduction line shapes near the $\rho(1405)$ . <i>Physical Review C</i> , <b>2013</b> , 87,	2.7	86
139	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
138	Test of two new parametrizations of the generalized parton distribution H. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	17
137	Beam asymmetry $\Gamma$ for $\rho$ and $\omega$ 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
136	Evidence for the onset of color transparency in $\omega$ 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
135	Measurement of the generalized form factors near threshold via $\bar{p}p\rightarrow n\rho$ at high $Q^2$ . <i>Physical Review C</i> , <b>2012</b> , 85,	2.7	6
134	Measurement of exclusive $\rho(0)$ electroproduction structure functions and their relationship to transverse generalized parton distributions. <i>Physical Review Letters</i> , <b>2012</b> , 109, 112001	7.4	39
133	Experimental study of the P11(1440) and D13(1520) resonances from the CLAS data on $ep\rightarrow e^+\rho$ . <i>Physical Review C</i> , <b>2012</b> , 86,	2.7	94

132	Upper limits for the photoproduction cross section for the $\Omega(1860)$ pentaquark state off the deuteron. <i>Physical Review C</i> , <b>2012</b> , 85,	2.7	2
131	Branching ratio of the electromagnetic decay of the $\Xi(1385)$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	8
130	Publisher's Note: Branching ratio of the electromagnetic decay of the $\Xi(1385)$ Phys. Rev. D 85, 052004 (2012). <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	3
129	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
128	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
127	Origin and simulation of sparks in MPGD. <i>Journal of Instrumentation</i> , <b>2012</b> , 7, C06009-C06009	1	6
126	Exclusive neutral pion electroproduction in the deeply virtual regime. <i>Physical Review C</i> , <b>2011</b> , 83,	2.7	25
125	Discharge rate measurements for Micromegas detectors in the presence of a longitudinal magnetic field. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 654, 135-139	1.2	1
124	Discharge studies in micromegas detectors in a 150 GeV/c pion beam. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 659, 91-97	1.2	9
123	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
122	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
121	Discharge studies in Micromegas detectors in low energy hadron beams. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 648, 174-179	1.2	5
120	Near-threshold photoproduction of $\Delta$ 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
119	Electromagnetic decay of the $\Delta(1385)$ to $\Delta$ <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	15
118	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
117	Tensor correlations measured in $^3\text{He}(e,e'pp)n$ . <i>Physical Review Letters</i> , <b>2010</b> , 105, 222501	7.4	21
116	Differential cross section and recoil polarization measurements for the $\Delta \rightarrow K^+\Delta$ reaction using CLAS at Jefferson Lab. <i>Physical Review C</i> , <b>2010</b> , 81,	2.7	116
115	Absorption of the $\Delta$ and $\Delta$ mesons in nuclei. <i>Physical Review Letters</i> , <b>2010</b> , 105, 112301	7.4	52

114	Evidence for a backward peak in the $\bar{d} \rightarrow \bar{d}d$ cross section near the $\bar{d}$ threshold. <i>European Physical Journal A</i> , <b>2010</b> , 43, 261-267	2.5	14
113	Measurement of the nucleon structure function F2 in the nuclear medium and evaluation of its moments. <i>Nuclear Physics A</i> , <b>2010</b> , 845, 1-32	1.3	5
112	Differential cross section of $\gamma p$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 688, 289-293	4.2	22
111	Measurements of the Lorentz angle with a Micromegas detector in high transverse magnetic fields. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 612, 274-277	1.2	6
110	A Geant4-based study on the origin of the sparks in a Micromegas detector and estimate of the spark probability with hadron beams. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 621, 177-183	1.2	14
109	Electroexcitation of nucleon resonances from CLAS data on single pion electroproduction. <i>Physical Review C</i> , <b>2009</b> , 80,	2.7	173
108	$\pi^0$ 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
107	Measurement of direct $f_0(980)$ photoproduction on the proton. <i>Physical Review Letters</i> , <b>2009</b> , 102, 102001	2.7	17
106	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
105	Beam-recoil polarization transfer in the nucleon resonance region in the exclusive $e \rightarrow p \rightarrow e'K^+\pi^0$ and $e \rightarrow p \rightarrow e'K^+\pi^+$ reactions at the CLAS spectrometer. <i>Physical Review C</i> , <b>2009</b> , 79,	2.7	29
104	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
103	Partial wave analysis of the reaction $\bar{p} \rightarrow p\pi^0$ and the search for nucleon resonances. <i>Physical Review C</i> , <b>2009</b> , 80,	2.7	29
102	Photodisintegration of He4 into p+t. <i>Physical Review C</i> , <b>2009</b> , 80,	2.7	3
101	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
100	Search for the photoexcitation of exotic mesons in the $\pi^+\pi^+\pi^-$ system. <i>Physical Review Letters</i> , <b>2009</b> , 102, 102002	7.4	26
99	Electroproduction of $p\pi^0$ and $p\pi^+$ protons at 0.2. <i>Physical Review C</i> , <b>2009</b> , 79,	2.7	30
98	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
97	Micromegas tracker project for CLAS12. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2009</b> , 604, 53-55	1.2	14



96	Moments of the spin structure functions $g_{1p}$ and $g_{1d}$ 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
95	The extraction of $\rho$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2009</b> , 680, 417-422	4.2	19
94	Exclusive $\pi^0$ electroproduction on the proton at CLAS. <i>European Physical Journal A</i> , <b>2009</b> , 39, 5-31	2.5	39
93	Photoproduction of $\pi^+\pi^-$ meson pairs on the proton. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	27
92	Measurement of semi-inclusive $\pi^0$ electroproduction off the proton. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	46
91	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
90	Electroproduction of $\rho(1020)$ mesons at $1.4 < Q^2 < 3.8$ GeV <sup>2</sup> measured with the CLAS spectrometer. <i>Physical Review C</i> , <b>2008</b> , 78,	2.7	24
89	Measurement of $ep \rightarrow ep\pi^0$ beam spin asymmetries above the resonance region. <i>Physical Review C</i> , <b>2008</b> , 77,	2.7	22
88	Polarized structure function $\Pi T'$ for $H_1(e \rightarrow, e'K^+)$ in the nucleon resonance region. <i>Physical Review C</i> , <b>2008</b> , 77,	2.7	26
87	Electroexcitation of the Roper resonance for 1.7. <i>Physical Review C</i> , <b>2008</b> , 78,	2.7	59
86	First measurement of target and double spin asymmetries for $e \rightarrow p \rightarrow ep\pi^0$ in the nucleon resonance region above the $\Delta(1232)$ . <i>Physical Review C</i> , <b>2008</b> , 78,	2.7	17
85	Bayesian analysis of pentaquark signals from CLAS data. <i>Physical Review Letters</i> , <b>2008</b> , 100, 052001	7.4	13
84	Cross sections and beam asymmetries for $e \rightarrow p \rightarrow en\pi^0$ in the nucleon resonance region for $1.7 < Q^2 < 4.5$ GeV <sup>2</sup> . <i>Physical Review C</i> , <b>2008</b> , 77,	2.7	51
83	Light vector mesons in the nuclear medium. <i>Physical Review C</i> , <b>2008</b> , 78,	2.7	51
82	Measurement of deeply virtual compton scattering beam-spin asymmetries. <i>Physical Review Letters</i> , <b>2008</b> , 100, 162002	7.4	122
81	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
80	<sup>3</sup> He spin-dependent cross sections and sum rules. <i>Physical Review Letters</i> , <b>2008</b> , 101, 022303	7.4	19
79	Quark-hadron duality in spin structure functions $g_{1p}$ and $g_{1d}$ . <i>Physical Review C</i> , <b>2007</b> , 75,	2.7	37

78	Deeply virtual compton scattering off the neutron. <i>Physical Review Letters</i> , <b>2007</b> , 99, 242501	7.4	98
77	Search for medium modifications of the rho meson. <i>Physical Review Letters</i> , <b>2007</b> , 99, 262302	7.4	61
76	Separated structure functions for the exclusive electroproduction of $K^+ \Lambda$ and $K^+ \Sigma$ final states. <i>Physical Review C</i> , <b>2007</b> , 75,	2.7	43
75	Experimental study of exclusive $2H(e,e'p)n$ reaction mechanisms at high $Q^2$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 262502	7.4	24
74	Measurement of coherent $\pi$ -meson photoproduction from the deuteron at low energies. <i>Physical Review C</i> , <b>2007</b> , 76,	2.7	16
73	$\pi^0$ 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
72	Cascade production in the reactions $\bar{p} \rightarrow K^+ K^+ (X)$ and $\bar{p} \rightarrow K^+ K^+ (X)$ . <i>Physical Review C</i> , <b>2007</b> , 76,	2.7	29
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70	$Q^2$ dependence of the $S_{11}(1535)$ photocoupling and evidence for a P-wave resonance in $\pi$ electroproduction. <i>Physical Review C</i> , <b>2007</b> , 76,	2.7	73
69	Compton-scattering cross section on the proton at high momentum transfer. <i>Physical Review Letters</i> , <b>2007</b> , 98, 152001	7.4	29
68	First measurement of beam-recoil observables $C_x$ and $C_z$ in hyperon photoproduction. <i>Physical Review C</i> , <b>2007</b> , 75,	2.7	118
67	Search for $\Theta^{++}$ pentaquarks in the exclusive reaction $\gamma p \rightarrow K^+ K^+ p$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 102001	7.4	12
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64	Single $\Lambda$ electroproduction on the proton in the first and second resonance regions at $0.25 \text{ GeV}^2$ . <i>Physical Review C</i> , <b>2006</b> , 73,	2.7	46
63	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
62	Measurement of the deuteron structure function $F_2$ in the resonance region and evaluation of its moments. <i>Physical Review C</i> , <b>2006</b> , 73,	2.7	16
61	Electron scattering from high-momentum neutrons in deuterium. <i>Physical Review C</i> , <b>2006</b> , 73,	2.7	23

60	Measurement of deeply virtual compton scattering with a polarized-proton target. <i>Physical Review Letters</i> , <b>2006</b> , 97, 072002	7.4	85
59	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
58	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
57	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
56	Differential cross sections for $\bar{p} \rightarrow K^{++} Y$ for $\Lambda$ and $\Sigma$ hyperons. <i>Physical Review C</i> , <b>2006</b> , 73,	2.7	210
55	Scaling tests of the cross section for deeply virtual Compton scattering. <i>Physical Review Letters</i> , <b>2006</b> , 97, 262002	7.4	125
54	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
53	Search for the $\bar{p}$ pentaquark in the reactions $\bar{p} \rightarrow K^+ K^+ n$ and $\bar{p} \rightarrow K^+ K^0 p$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	47
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51	Exclusive . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 605, 256-264	4.4	33
50	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
49	Deeply virtual and exclusive electroproduction of mesons. <i>European Physical Journal A</i> , <b>2005</b> , 24, 445-458	5.5	33
48	Measurement of the polarized structure function $\Pi'$ for pion electroproduction in the Roper-resonance region. <i>Physical Review C</i> , <b>2005</b> , 72,	2.7	17
47	Measurement of the $^3\text{He}(e,e'p)pn$ reaction at high missing energies and momenta. <i>Physical Review Letters</i> , <b>2005</b> , 94, 082305	7.4	37
46	Exclusive photoproduction of the cascade ( $\Xi$ ) hyperons. <i>Physical Review C</i> , <b>2005</b> , 71,	2.7	23
45	Radiative decays of the $\Sigma(1385)$ and $\Sigma(1520)$ hyperons. <i>Physical Review C</i> , <b>2005</b> , 71,	2.7	27
44	Quasielastic $^3\text{He}(e,e'p)^2\text{H}$ reaction at Q <sup>2</sup> = 1.5 GeV <sup>2</sup> for recoil momenta up to 1 GeV/c. <i>Physical Review Letters</i> , <b>2005</b> , 94, 192302	7.4	30
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42	Beam-helicity asymmetries in double-charged-pion photoproduction on the proton. <i>Physical Review Letters</i> , <b>2005</b> , 95, 162003	7.4	40
41	Onset of asymptotic scaling in deuteron photodisintegration. <i>Physical Review Letters</i> , <b>2005</b> , 94, 012301	7.4	31
40	DEEPLY VIRTUAL AND EXCLUSIVE PRODUCTION OF THE OMEGA MESON. <i>International Journal of Modern Physics A</i> , <b>2005</b> , 20, 1943-1946	1.2	
39	Measurement of the polarized structure function $\Sigma T$ for $p(e, e'\pi^0)n$ in the $\Omega(1232)$ resonance region. <i>Physical Review C</i> , <b>2004</b> , 70,	2.7	37
38	Complete measurement of three-body photodisintegration of He3 for photon energies between 0.35 and 1.55GeV. <i>Physical Review C</i> , <b>2004</b> , 70,	2.7	19
37	Observation of an exotic baryon with $S=+1$ in photoproduction from the proton. <i>Physical Review Letters</i> , <b>2004</b> , 92, 032001	7.4	217
36	Measurement of beam-spin asymmetries for $\pi^0$ electroproduction above the baryon resonance region. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	95
35	Q2 evolution of the neutron spin structure moments using a 3He target. <i>Physical Review Letters</i> , <b>2004</b> , 92, 022301	7.4	66
34	Proton source size measurements in the $eA \rightarrow e'ppX$ reaction. <i>Physical Review Letters</i> , <b>2004</b> , 93, 192301	7.4	18
33	Measurement of the generalized forward spin polarizabilities of the neutron. <i>Physical Review Letters</i> , <b>2004</b> , 93, 152301	7.4	27
32	Hyperon photoproduction in the nucleon resonance region. <i>Physical Review C</i> , <b>2004</b> , 69,	2.7	146
31	Two-nucleon momentum distributions measured in $3\text{He}(e, e'pp)n$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 052303	7.4	31
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29	Tensor polarization of the $\pi^0$ meson photoproduced at high $t$ . <i>Physical Review C</i> , <b>2004</b> , 69,	2.7	11
28	Complete angular distribution measurements of two-body deuteron photodisintegration between 0.5 and 3GeV. <i>Physical Review C</i> , <b>2004</b> , 70,	2.7	34
27	Parity-violating electroweak asymmetry in $e p$ scattering. <i>Physical Review C</i> , <b>2004</b> , 69,	2.7	158
26	Measurement of the polarized structure function $\Sigma T$ for $p(e \rightarrow, e'p)\pi^0$ in the $\Omega(1232)$ resonance region. <i>Physical Review C</i> , <b>2003</b> , 68,	2.7	49
25	Precision measurement of the proton and deuteron spin structure functions $g_2$ and asymmetries A2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 553, 18-24	4.2	122

24	Observation of an exotic $S = +1$ baryon in exclusive photoproduction from the deuteron. <i>Physical Review Letters</i> , <b>2003</b> , 91, 252001	7.4	341
23	Measurement of the proton spin structure function $g_1(x, Q^2)$ for $Q^2$ from 0.15 to 1.6 $\text{GeV}^2$ with CLAS. <i>Physical Review Letters</i> , <b>2003</b> , 91, 222002	7.4	62
22	Observation of nuclear scaling in the $A(e, e')$ reaction at $x_B > 1$ . <i>Physical Review C</i> , <b>2003</b> , 68,	2.7	105
21	Measurement of $ep \rightarrow e' p p_i + \pi^-$ and baryon resonance analysis. <i>Physical Review Letters</i> , <b>2003</b> , 91, 022002	7.4	96
20	Kinematically complete measurement of the proton structure function $F_2$ in the resonance region and evaluation of its moments. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	48
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14	$2\text{H}(e, e'(\gamma))\text{n}$ reaction at high recoil momenta. <i>Physical Review Letters</i> , <b>2002</b> , 89, 062301	7.4	21
13	Eta photoproduction on the proton for photon energies from 0.75 to 1.95 GeV. <i>Physical Review Letters</i> , <b>2002</b> , 89, 222002	7.4	107
12	New measurement of parity violation in elastic electron-proton scattering and implications for strange form factors. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 509, 211-216	4.2	86
11	Electroproduction of the $\Sigma(1520)$ hyperon. <i>Physical Review C</i> , <b>2001</b> , 64,	2.7	24
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9	Corrected Article: Exclusive electroproduction of $\Lambda$ mesons at 4.2 GeV [Phys. Rev. C 63, 065205 (2001)]. <i>Physical Review C</i> , <b>2001</b> , 64,	2.7	7
8	Observation of Exclusive Deeply Virtual Compton Scattering in Polarized Electron Beam Asymmetry Measurements. <i>Physical Review Letters</i> , <b>2001</b> , 87,	7.4	219
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