List Publications

1. “Near-threshold Photoproduction of Phi Mesons from Deuterium”
   X. Qian et al.

2. “Tensor Correlations Measured in 3He(e,e'pp)n”
   H. Baghdasaryan et al. [CLAS Collaboration]

3. “Differential cross sections and recoil polarizations for the reaction γ p → K+ Sigma0”
   B. Dey et al. [CLAS Collaboration]

4. “Absorption of the ω and ϕ Mesons in Nuclei”
   M. H. Wood et al. [CLAS Collaboration]

5. “Measurement of Single and Double Spin Asymmetries in Deep Inelastic Pion Electroproduction with a Longitudinally Polarized Target”
   H. Avakian et al. [The CLAS Collaboration]

6. “Measurement of the Nucleon Structure Function F2 in the Nuclear Medium and Evaluation of its Moments”
   M. Osipenko et al. [CLAS Collaboration]

7. “Differential cross section and recoil polarization measurements for the gamma p to K+ Lambda reaction using CLAS at Jefferson Lab”
   M. E. McCracken et al. [CLAS Collaboration]

8. “Evidence for a backward peak in the gamma d → pi0 d cross section near the eta threshold”
   Y. Ilieva et al. (Submitted to Eur. Phys. J. A)

9. “Beam Spin Asymmetries From Semi-Inclusive Pion Electroproduction In Deep Inelastic Scattering”
   W. Gohn, H. Avakian, K. Joo and M. Ungaro
10. “Electroexcitation of nucleon resonances from CLAS data on single pion electroproduction”
   I. G. Aznauryan et al. [CLAS Collaboration]

11. “Differential cross sections for the reactions gamma p \rightarrow p \eta and gamma p \rightarrow p \eta-prime”
    M. Williams et al. [CLAS Collaboration]

12. “Partial wave analysis of the reaction \gamma p \rightarrow p \omega and the search for nucleon resonances”
    M. Williams et al. [CLAS Collaboration]

13. “Differential cross sections and spin density matrix elements for the reaction \gamma p \rightarrow p \omega”
    M. Williams et al. [CLAS Collaboration]

14. “Photodisintegration of ^4He into p+t”
    R. Nasseripour et al.

15. “The extraction of \phi−N total cross section from d(\gamma, pK^+ K^-)n”
    X. Qian et al. [CLAS Collaboration]

16. “Photoproduction of \pi^+\pi^- meson pairs on the proton”
    M. Battaglieri et al. [CLAS Collaboration]

17. “Neutral Pion Electroproduction in the Resonance Region at High \(Q^2\)”
    A. N. Villano et al.

18. “Applications of quark-hadron duality in F2 structure function”
    S. P. Malace et al. [Jefferson Lab E00-115 Collaboration]

19. “Beam-Recoil Polarization Transfer in the Nucleon Resonance Region in the Exclusive \(\vec{e}p \rightarrow e'K^+\bar{K}'\) and \(\vec{e}p \rightarrow e'K^+\Sigma^0\) Reactions at CLAS”
    D. S. Carman et al. [CLAS Collaboration]

20. “A measurement of the differential cross section for the reaction \gamma n \rightarrow p\pi^- from deuterium”
    W. Chen et al.

21. “Beam Spin Asymmetries in DVCS with CLAS at 4.8 GeV”
    G. Gavalishvili et al. [CLAS Collaboration]

22. “A Precise Measurement of the Neutron Magnetic Form Factor GMn in the Few-GeV2 Region”
    J. Lachniet et al. [CLAS Collaboration]

23. “First measurement of direct \(f_0(980)\) photoproduction on the proton”
    M. Battaglieri et al. [CLAS Collaboration]

24. “Electroproduction of p \pi^+\pi^- off protons at 0.2;0.6 GeV^2 and 1.3;1.57 GeV with CLAS”
    G. V. Fedotov et al. [CLAS Collaboration]
25. “Measurement of unpolarized semi-inclusive pi+ electroproduction off the proton”
M. Osipenko et al. [CLAS Collaboration]

26. “Exclusive \( \rho^0 \) electroproduction on the proton at CLAS”
S. A. Morrow et al. [CLAS Collaboration]

27. “Search for the photo-excitation of exotic mesons in the pi+pi+pi- system”
M. Nozar et al. [CLAS Collaboration]

28. “Electroproduction of Eta Mesons in the S11(1535) Resonance Region at High Momentum Transfer”
M. M. Dalton et al.

29. “First measurement of target and double spin asymmetries for polarized e- polarized \( p \rightarrow e p \) pi0 in the nucleon resonance region above the Delta(1232)”
A. S. Biselli et al. [CLAS Collaboration]

30. “Electroexcitation of the Roper resonance for \( 1.7 \leq Q^2 \leq 4.5 \) GeV\(^2\) in \( ep \rightarrow enpi^+\)”
I. G. Aznauryan et al. [CLAS Collaboration]

31. “Electroproduction of \( \phi(1020) \) mesons at \( 1.4 \leq Q^2 \leq 3.8 \) GeV\(^2\) measured with the CLAS spectrometer”
J. P. Santoro et al. [CLAS Collaboration]

32. “Light Vector Mesons in the Nuclear Medium”
M. H. Wood et al. [CLAS Collaboration]

33. “Moments of the Spin Structure Functions \( g_1^p \) and \( g_1^d \) for \( 0.05 \leq Q^2 \leq 3.0 \) GeV\(^2\)”
Y. Prok et al. [CLAS Collaboration]

34. “Polarized Structure Function \( \sigma_{LT} \) for \( p(\vec{e}, e' K^+)\Lambda \) in the Nucleon Resonance Region”
R. Nasseripour et al. [CLAS Collaboration]

35. “Ratios of 15N/12C and 4He/12C inclusive electroproduction cross sections in the nucleon resonance region”
P. E. Bosted et al. [CLAS Collaboration]

36. “Deeply Virtual Compton Scattering Beam-Spin Asymmetries”
F. X. Girod et al. [CLAS Collaboration]

37. “Beam spin asymmetry in deep and exclusive pi0 electroproduction”
R. De Masi et al. [CLAS Collaboration]

38. “Beam spin asymmetry measurements from deeply virtual meson production”
K. Joo, M. Ungaro, B. Zhao, R. De Masi, M. Garcon, V. Kubarovsky and P. Stoler
Prepared for 17th International Spin Physics Symposium (SPIN06), Kyoto, Japan, 2-7 Oct 2006
39. “A Bayesian analysis of pentaquark signals from CLAS data”
   D. G. Ireland et al. [CLAS Collaboration]

40. “Transverse momentum dependence of semi-inclusive pion production”
   H. Mkrtchyan et al.

41. “Cross sections and beam asymmetries for $e^+ p \rightarrow e^+ n\pi^+$ in the nucleon
    resonance region for $1.7 \leq Q^2 \leq 4.5 (\text{GeV})^2$”
   K. Park et al. [CLAS Collaboration]

42. “$\gamma^* N \rightarrow \Delta$ at JLab: Exploring the high $Q^2$ regime”
   M. Ungaro, K. Joo and P. Stoler
   Prepared for Workshop on the Shape of Hadrons, Athens, Greece, 27-29 Apr 2006

43. “Search for medium modification of the $\rho$ meson”
   R. Nasseripour et al. [CLAS Collaboration]

44. “$\pi^0$ photoproduction on the proton for photon energies from 0.675-GeV to 2.875-GeV”
   M. Dugger et al.

45. “$Q^2$ Dependence of the $S_{11}(1535)$ Photocoupling and Evidence for a P-wave resonance
    in eta electroproduction”
   H. Denizli et al. [CLAS Collaboration]

46. “First measurement of coherent $\phi$-meson photoproduction on deuteron at low energies”
   T. Mibe et al. [CLAS Collaboration]

47. “Observation of a backward peak in the $\gamma d \rightarrow \pi^0 d$ cross section near the eta
    threshold”
   Y. Ilieva et al. [CLAS Collaboration]
   arXiv:nucl-ex/0703006

48. “Single pion electroproduction in Delta(1232) and Roper resonance region with CLAS”
   M. Ungaro and K. Joo
   Prepared for CIPANP 2006: 9th Conference on the Intersections of Particle and Nuclear Physics,
   Westin Rio Mar Beach, Puerto Rico, 30 May - 3 Jun 2006

49. “Cascade production in the reactions $\gamma p \rightarrow K^+ K^+ (X)$ and $\gamma p \rightarrow K^+ K^+ \pi^-(X)$”
   L. Guo et al.

50. “Cross Sections for the $\gamma p \rightarrow K^+ \Sigma^+$ Reaction at $E_\gamma = 1.7 - 3.0 \text{ GeV}$”
   I. Hleiqawi et al. [CLAS Collaboration]

51. “Experimental study of exclusive H-2(e,e' p)n reaction mechanisms at high $Q^2$”
   K. S. Egiyan et al. [the CLAS Collaboration]

52. “Measurement of the $N \rightarrow \Delta(1232)$ transition at high momentum transfer by $\pi^0$ electro-
    production”
   M. Ungaro, K. Joo and P. Stoler
   JLAB-PHY-05-494(2005)
53. “First measurement of beam-recoil observables C(x) and C(z) in hyperon photoproduction”
R. Bradford et al. [CLAS Collaboration]

54. “Separated structure functions for the exclusive electroproduction of K+ Lambda and K+ Sigma0 final states”
P. Ambrozewicz et al. [CLAS Collaboration]

55. “The onset of quark-hadron duality in pion electroproduction”
T. Navasardyan et al.

56. “Quark-hadron duality in spin structure functions g1(p) and g1(d)”
P. E. Bosted et al. [CLAS Collaboration]

57. “Search for the Theta+ pentaquark in the reactions gamma p → anti-K0 K+ n and gamma p → anti-K0 K0 p”
R. De Vita et al. [CLAS Collaboration]

58. “Measurement of the N → Delta(1232)+ transition at high momentum transfer by pi0 electroproduction”
M. Ungaro et al. [CLAS Collaboration]

59. “Measurement of the x- and Q2-Dependence of the Asymmetry A1 on the Nucleon”
K. V. Dharmawardane et al. [CLAS Collaboration]

60. “Measurement of deeply virtual Compton scattering with a polarized proton target”
S. Chen et al. [CLAS Collaboration]

61. “Search for Theta++ pentaquarks in the exclusive reaction gamma p → K+ K- p”
V. Kubarovsky et al. [CLAS Collaboration]

62. “Search for the Theta+ pentaquark in the gamma d → Lambda n K+ reaction measured with CLAS”
S. Niccolai et al. [CLAS Collaboration]

63. “Search for the Theta+ pentaquark in the reaction gamma d → p K- K+ n”
B. McKinnon et al. [CLAS Collaboration]

64. “Single pi+ electroproduction on the proton in the first and second resonance regions at 0.25-GeV**2 ≤ Q**2 ≤ 0.65-GeV**2 using CLAS”
H. Egiyan et al. [CLAS Collaboration]

65. “eta’ photoproduction on the proton for photon energies from 1.527-GeV to 2.227-GeV”
M. Dugger et al.
66. “Search for Theta(1540)+ pentaquark in high statistics measurement of gamma p → anti-K0 K+ n at CLAS”
    M. Battaglieri et al. [CLAS Collaboration]

67. “Electron scattering from high-momentum neutrons in deuterium”
    A. V. Klimenko et al. [CLAS Collaboration]

68. “Differential cross sections for gamma + p → K+ + Y for Lambda and Sigma0 hyperons”
    R. Bradford et al. [CLAS Collaboration]

69. “Measurement of 2- and 3-Nucleon Short Range Correlation Probabilities in Nuclei”
    K. S. Egiyan et al. [CLAS Collaboration]

70. “Beam-helicity asymmetries in double charged pion photoproduction on the proton”
    S. Strauch et al. [CLAS Collaboration]

71. “The deuteron structure function F2 with CLAS”
    M. Osipenko et al. [CLAS Collaboration]
    arXiv:hep-ex/0507098
    CLAS-NOTE-2005-000(2005)

72. “Measurement of the deuteron structure function F2 in the resonance region and evaluation of its moments”
    M. Osipenko et al. [CLAS Collaboration]

73. “Deeply virtual and exclusive electroproduction of omega mesons”
    L. Morand et al. [CLAS Collaboration]

74. “Measurement of the polarized structure function sigma(LT') for pion electroproduction in the Roper resonance region”
    K. Joo et al. [CLAS Collaboration]

75. “Radiative decays of the Sigma(1385)0 and Lambda(1520) hyperons”
    S. Taylor et al. [CLAS Collaboration]

76. “Exclusive photoproduction of the Cascade (Xi) hyperons”
    J. W. Price et al. [CLAS Collaboration]

77. “Complete measurement of three-body photodisintegration of He-3 for photon energies between 0.35-GeV and 1.55-GeV”
    S. Niccolai et al. [CLAS Collaboration]

78. “Exclusive rho0 meson electroproduction from hydrogen at CLAS”
    C. Hadjidakis et al. [CLAS Collaboration]

79. “Measurement of the polarized structure function sigma(LT’) for p(e(pol.),e’ pi+)n in the Delta(1232) resonance region”
    K. Joo et al. [CLAS Collaboration]
80. “Survey of A(LT') asymmetries in semi-exclusive electron scattering on He-4 and C-12”
D. Protopopescu et al. [CLAS Collaboration]

81. “Complete angular distribution measurements of two-body deuteron photodisintegration between 0.5-GeV and 3-GeV”
M. Mirazita et al. [CLAS Collaboration]

82. “Onset of asymptotic scaling in deuteron photodisintegration”
P. Rossi et al. [CLAS Collaboration]

83. “Proton source size measurements in the e A → e' p p X reaction”
A. V. Stavinsky et al. [CLAS Collaboration]

84. “Observation of an exotic baryon with S = +1 in photoproduction from the proton”
V. Kubarovsky et al. [CLAS Collaboration]

85. “Tensor polarization of the Phi meson photoproduced at high t”
K. McCormick et al. [CLAS Collaboration]

86. “Two nucleon momentum distributions measured in He-3(e,e' p p)n”
R. A. Niyazov et al. [CLAS Collaboration]

87. “Observation of an exotic S = +1 baryon in exclusive photoproduction from the deuteron”
S. Stepanyan et al. [CLAS Collaboration]

88. “Study of e p → e p pi0 in the Delta(1232) mass region using polarization asymmetries”
A. Biselli et al. [CLAS Collaboration]

89. “Measurement of the proton spin structure function g1(x,Q**2) for Q**2 from 0.15-GeV**2 to 1.6-GeV**2 with CLAS”
R. Fatemi et al. [CLAS Collaboration]

90. “Hyperon photoproduction in the nucleon resonance region”
J. W. C. McNabb et al. [The CLAS Collaboration]

91. “Measurement of e p → e' p pi+ pi-: Experimental procedures and baryon resonance analysis”
M. Ripani et al.
arXiv:hep-ex/0304034

92. “A kinematically complete measurement of the proton structure function F2 in the resonance region and evaluation of its moments”
M. Osipenko et al. [CLAS Collaboration]

93. “Measurement of the polarized structure function sigma(LT') for p(e(pol.),e' p)pi0 in the Delta(1232) resonance region”
K. Joo et al. [CLAS Collaboration]
94. “Observation of Nuclear Scaling in the $A(e,e')$ Reaction at $x_B > 1$”
   K. S. Egiyan et al. [CLAS Collaboration]

95. “Measurement of beam-spin asymmetries for deep inelastic $\pi^+$ electroproduction”
   H. Avakian et al. [CLAS Collaboration]

96. “First measurement of transferred polarization in the exclusive $e(\text{pol.}) p \rightarrow e' K^+ \Lambda(\text{pol.})$ reaction”
   D. S. Carman et al. [CLAS Collaboration]

97. “Eta photoproduction on the proton for photon energies from 0.75-GeV to 1.95-GeV”
   M. Dugger et al. [CLAS Collaboration]

98. “Measurement of $e p \rightarrow e' p \pi^+ \pi^-$ and baryon resonance analysis”
   M. Ripani et al. [CLAS Collaboration]

99. “First measurement of the double spin asymmetry in $e(\text{pol.}) p(\text{pol.}) \rightarrow e' p\pi n$ in the resonance region”
   R. De Vita et al. [CLAS Collaboration]