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As of Jan. 20th, 2019

PS: After joining Mississippi State Univ., Department of Physics and Astronomy in Aug. 2014.

1. “*Measurement of the beam spin asymmetry of $\vec{e}p \rightarrow ep\eta$ in the deep-inelastic regime with CLAS*”

CLAS Collaboration, B. Zhao et al., Phys. Lett. B **789**:426-431, Feb. 2019.

2. “*First results on nucleon resonance photocouplings from the $\gamma p \rightarrow \pi^+ \pi^- p$ reaction*”

CLAS Collaboration, E. Golovatch et al., Phys. Lett. B **788**:371-379, Jan. 2019.

Citations: **2**

3. “*Revealing Color Forces with Transverse Polarized Electron Scattering*”

SANE Collaboration, W. Armstrong et al., Phys. Rev. Lett. **122**:022002, Jan. 2019.

Citations: **5**

4. “*Measurement of double-polarization asymmetries in the quasi-elastic ${}^3\text{He}(\vec{e}, e'p)$ process*”

Jefferson Lab Hall-A Collaboration, M. Mihovilović et al., Phys. Lett. B **788**:117-121, Jan. 2019.

5. “*Deeply Virtual Compton Scattering measurement off bound protons*”

CLAS Collaboration, M. Hattawy et al., arXiv **1812.07628**, Dec. 2018.

6. “*First Measurements of the Double-Polarization Observables F , P , and H in ω Photoproduction off Transversely Polarized Protons in the N^* Resonance Region*”

CLAS Collaboration, P. Roy et al., arXiv **1812.02106**, Dec. 2018.

7. “*Study of Ξ^* Photoproduction from Threshold to $W = 3.3$ GeV*”

CLAS Collaboration, J. T. Goetz et al., Phys. Rev. C **98**:062201, Dec. 2018.

8. “*Measurement of Nuclear Transparency Ratios for Protons and Neutrons*”
CLAS Collaboration, M. Duer et al., arXiv **1812.01823**, Nov. 2018.

9. “*Direct Observation of Proton-Neutron Short-Range Correlation Dominance in Heavy Nuclei*”
CLAS Collaboration, M. Duer et al., arXiv **1810.05343**, Nov. 2018.
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10. “*Measurement of Unpolarized and Polarized Cross Sections for Deeply Virtual Compton Scattering on the Proton at Jefferson Laboratory with CLAS*”
CLAS Collaboration, N. Hirlinger Saylor et al., Phys. Rev. C **98**:045203, Oct. 2018.
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11. “*Beam-Target Helicity Asymmetry E in $K^0\Lambda$ and $K^0\Sigma^0$ Photoproduction on the Neutron*”
CLAS Collaboration, D. H. Ho et al., Phys. Rev. C **98**:045205, Oct. 2018.
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12. “*Photoproduction of K^+K^- meson pairs on the proton*”
CLAS Collaboration, S. Lombardo et al., Phys. Rev. D **98**:052009, Sept. 2018
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13. “*Proton Form Factor Ratio, $\mu_p G_E^p/G_M^p$ from Double Spin Asymmetry*”
A. Liyanage et al., arXiv **1806.11156**, Aug. 2018.

14. “*Probing high-momentum protons and neutrons in neutron-rich nuclei*”
CLAS Collaboration, M. Duer et al., Nature **560**:617-621, Aug. 2018.
Citations: **7**

15. “*Center of Mass Motion of Short-Range Correlated Nucleon Pairs studied via the $A(e, epp)$ Reaction*”

CLAS Collaboration, E. O. Cohen et al., Phys. Rev. Lett. **121**:092501, Aug. 2018
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16. “Measurements of the $\gamma_v p \rightarrow p' \pi^+ \pi^-$ cross section with the CLAS detector for $0.4 \text{ GeV}^2 < Q^2 < 1.0 \text{ GeV}^2$ and $1.3 \text{ GeV} < W < 1.825 \text{ GeV}$ ”

CLAS Collaboration, G. V. Fedotov et al., Phys. Rev. C **98**:025203, Aug. 2018.
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17. “First measurement of Ξ^- polarization in photoproduction”

CLAS Collaboration, J. Bono et al., Phys. Lett. B **783**:280-286, Aug. 2018.

18. “A Radial Time Projection Chamber for α detection in CLAS at JLab”

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19. “Differential Cross Section for $\gamma d \rightarrow \omega d$ using CLAS at Jefferson Lab”

CLAS Collaboration, T. Chetry et al., Phys. Lett. B **782**:646-651, July 2018.

20. “Exclusive photoproduction of π^0 up to large values of Mandelstam variables s, t and u with CLAS”

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21. “Semi-Inclusive π^0 target and beam-target asymmetries from 6 GeV electron scattering with CLAS”

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22. “Measurement of the beam asymmetry Σ and the target asymmetry T in the photoproduction of ω mesons off the proton using CLAS at Jefferson Laboratory”

CLAS Collaboration, P. Roy et al., Phys. Rev. C **97**:055202, May 2018.

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23. “*Hard exclusive pion electroproduction at backward angles with CLAS*”
 CLAS Collaboration, K. Park et al., Phys. Lett. B **780**:340-345, March 2018.
24. “*Design and Performance of the Spin Asymmetries of the Nucleon Experiment*”
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25. “*Measurement of the Q^2 Dependence of the Deuteron Spin Structure Function g_1 and its Moments at Low Q^2 with CLAS*”
 CLAS Collaboration, K. P. Adhikari et al., Phys. Rev. Lett. **120**:062501, Feb. 2018.
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26. “*Double K_S^0 Photoproduction off the Proton at CLAS*”
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27. “*Measurement of the helicity asymmetry E in $\omega \rightarrow \pi^+\pi^-\pi^0$ photoproduction*”
 CLAS Collaboration, Z. Akbar et al., Phys. Rev. C **96**:065209, Dec. 2017.
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28. “*Determination of the Proton Spin Structure Functions for $0.05 < Q^2 < 5 \text{ GeV}^2$ using CLAS*”
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29. “*Measurement of the differential and total cross sections of the $\gamma d \rightarrow K^0 \Lambda(p)$ reaction within the resonance region*”
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30. “*Extraction of the Neutron Electric Form Factor from Measurements of Inclusive Double Spin Asymmetries*”

Jefferson Lab Hall-A Collaboration, V. Sulkosky et al., Phys. Rev. C **96**:065206, Dec. 2017.

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31. “*Dark matter search in a Beam-Dump eXperiment (BDX) at Jefferson Lab: an update on PR12-16-001*”

BDX Collaboration, M. Battaglieri et al., arXiv **1712.01518**, Dec. 2017.

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32. “*First Exclusive Measurement of Deeply Virtual Compton Scattering off ^4He : Toward the 3D Tomography of Nuclei*”

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34. “*Photon beam asymmetry Σ in the reaction $\vec{\gamma}p \rightarrow p\omega$ for $E_\gamma = 1.152$ to 1.876 GeV*”

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36. “*Differential cross sections and polarization observables from CLAS K^* photoproduction and the search for new N^* states*”

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38. “Measurements of $ep \rightarrow e'\pi^+\pi^-p'$ cross sections with CLAS at $1.40\text{GeV} < W < 2.0\text{GeV}$ and $2.0\text{GeV}^2 < Q^2 < 5.0\text{GeV}^2$
CLAS Collaboration, E. L. Isupov et al., Phys. Rev. C **96**:025209, Aug. 2017.
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39. “Tagged EMC Measurements on Light Nuclei”
ALERT Collaboration, W. Armstrong et al., arXiv **1708.00891**, Aug. 2017.
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40. “Partonic Structure of Light Nuclei”
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41. “Spectator-Tagged Deeply Virtual Compton Scattering on Light Nuclei”
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42. “Beam-Target Helicity Asymmetry for $\vec{\gamma}\vec{n} \rightarrow \pi^-p$ in the N^* Resonance Region”
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45. *“The SeaQuest Spectrometer at Fermilab”*

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46. *“Target and Double Spin Asymmetries of Deeply Virtual π^0 Production with a Longitudinally Polarized Proton Target and CLAS”*

CLAS Collaboration, A. Kim et al., Phys. Lett. B **68**:168-173, May 2017.

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47. *“Exclusive η electroproduction at $W > 2$ GeV with CLAS and transversity generalized parton distributions”*

CLAS Collaboration, I. Bedlinskiy et al., Phys. Rev. C **95**:035202, March 2017.

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48. *“First measurement of unpolarized SIDIS cross section and cross section ratios from a ^3He target”*

Jefferson Lab Hall-A Collaboration, X. Yan et al., Phys. Rev. C **95**:035209, March 2017.

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49. *“Target and beam-target spin asymmetries in exclusive pion electroproduction for $Q^2 > 1$ GeV². II. $ep \rightarrow e\pi^0p$ ”*

CLAS Collaboration, P. E. Bosted et al., Phys. Rev. C **95**:035207, March 2017.

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50. *“Target and Beam-Target Spin Asymmetries in Exclusive Pion Electroproduction for $Q^2 > 1$ GeV². I. $ep \rightarrow e\pi^+n$ ”*

CLAS Collaboration, P. E. Bosted et al., Phys. Rev. C **95**:035206, March 2017.

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51. “*Beam-target double-spin asymmetry in quasielastic electron scattering off the deuteron with CLAS*”

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52. “*Rosenbluth separation of the π^0 electroproduction cross section*”

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53. “*Target and beam-target spin asymmetries in exclusive π^+ and π^- electroproduction with 1.6- to 5.7-GeV electrons*”

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54. “*Measurement of Target and Double-spin Asymmetries for the $\vec{e}\vec{p} \rightarrow e\pi^+(n)$ Reaction in the Nucleon Resonance Region at Low Q^2* ”

CLAS Collaboration, X. Zheng et al., Phys. Rev. C **94**:045206, Oct. 2016.

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55. “*Measurements of d_2^n and A_1^n : Probing the neutron spin structure*”

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56. “*A Search for the LHCb Charmed ‘Pentaquark’ using Photo-Production of J/ψ at Threshold in Hall C at Jefferson Lab*”

Z. E. Meziani et al., arXiv **1609.00676**, Sept. 2016.

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57. “*Dark Matter Search in a Beam-Dump eXperiment (BDX) at Jefferson Lab*”

M. Battaglieri et al., arXiv **1607.01390**, July 2016.

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58. *“Photoproduction of Λ and Σ^0 hyperons using linearly polarized photons”*

CLAS Collaboration, C. A. Paterson et al., Phys. Rev. C **93**:065201, June 2016.

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59. *“Photoproduction of the $f_1(1285)$ Meson”*

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60. *“First measurement of the helicity asymmetry E in η photoproduction on the proton”*

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61. *“Precise determination of the deuteron spin structure at low to moderate Q^2 with CLAS and extraction of the neutron contribution”*

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62. *“Cross sections for the exclusive photon electroproduction on the proton and Generalized Parton Distributions”*

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63. *“First Measurement of the Polarization Observable E in the $\vec{p}(\vec{\gamma}, \pi^+)n$ Reaction up to 2.25 GeV”*

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64. *“Search for baryon-number and lepton-number violating decays of hyperons using the CLAS detector at Jefferson Laboratory”*

CLAS Collaboration, M. E. McCracken et al., Phys. Rev. D **92**:072002, OCT 2015.

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65. “*Measurement of the Target-Normal Single-Spin Asymmetry in Quasi-Elastic Scattering from the Reaction ${}^3\text{He}^\uparrow(e, e')$ ”*

Jefferson Lab Hall-A Collaboration, Y. W. Zhang et al., Phys. Rev. Lett. **115**:172502, Oct 2015.

Citations: **13**

66. “*Double Spin Asymmetries of Inclusive Hadron Electroproductions from a Transversely Polarized ${}^3\text{He}$ Target*”

Jefferson Lab Hall-A Collaboration, X. Y. Zhao et al., Phys. Rev. C **92**:015207, July 2015.

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67. “*Determination of the beam-spin asymmetry of deuteron photodisintegration in the energy region $E = 1.1 - 2.3 \text{ GeV}$ ”*

CLAS Collaboration, N. Zachariou et al., Phys. Rev. C **91**:055202, May 2015.

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68. “*Precision Measurements of A_1^n in the Deep Inelastic Regime*”

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69. “*Measurements of $ep \rightarrow e'\pi^+n$ at $W = 1.6 - 2.0 \text{ GeV}$ and extraction of nucleon resonance electrocouplings at CLAS*”

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70. “*Measurement of Parity-Violating Asymmetry in Electron-Deuteron Inelastic Scattering*”

PVDIS Collaboration, D. Wang et al., Phys. Rev. C **91**:045506, Apr 2015.

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71. *“Single and double spin asymmetries for deeply virtual Compton scattering measured with CLAS and a longitudinally polarized proton target”*

CLAS Collaboration, S. Pisano et al., Phys. Rev. D **91**:052014, Mar 2015.

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72. *“Towards a resolution of the proton form factor problem: new electron and positron scattering data”*

CLAS Collaboration, D. Adikaram et al., Phys. Rev. Lett **114**:062003, Feb 2015.

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73. *“Longitudinal target-spin asymmetries for deeply virtual Compton scattering”*

CLAS Collaboration, E. Seder et al., Phys. Rev. Lett **114**:032001, Feb 2015.

Citations: **32**

74. *“Measurement of double-polarization asymmetries in the quasielastic ${}^3\vec{\text{He}}(\vec{e}, e'd)$ process”*

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75. *“The MOLLER Experiment: An Ultra-Precise Measurement of the Weak Mixing Angle Using Møller Scattering”*

Moller Collaboration, J. Benesch et al., arXiv:**1411.4088**, Dec 2014.

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76. *“Single spin asymmetries in charged kaon production from semi-inclusive deep inelastic scattering on a transversely polarized ${}^3\text{He}$ target”*

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77. “*Measurement of pretzelosity asymmetry of charged pion production in Semi-Inclusive Deep Inelastic Scattering on a polarized ^3He target*”

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79. “*Momentum sharing in imbalanced Fermi systems*”

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80. “*Induced polarization of $\Lambda(1116)$ in kaon electroproduction*”

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81. “*Exclusive π^0 electroproduction at $W > 2$ GeV with CLAS*”

CLAS Collaboration, I. Bedlinskiy et al., Phys. Rev. C **90**:025205, Aug 2014.

Citations: **24**

82. “*Precision measurements of g_1 of the proton and the deuteron with 6 GeV electrons*”

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Citations: **25**

PS: Before joining Miss. State Univ., Department of Physics and Astronomy, in Aug. 2014.

83. “*A Precision Measurement of the Neutron Twist-3 Matrix Element $d_2^{\bar{n}}$: Probing Color Forces*”

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87. “ *ϕ -meson photoproduction on Hydrogen in the neutral decay mode*”

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89. “*Measurement of the structure function of the nearly free neutron using spectator tagging in inelastic ${}^2\text{H}(e, e'p)X$ scattering with CLAS*”

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92. “*Measurement of parity violation in electronquark scattering*”

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93. “*Beam asymmetry for π^+ and π^0 photoproduction on the proton for photon energies from 1.102 to 1.862 GeV*”

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