

Publications in Refereed Journals

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1. “Production of K^+K^- pairs in proton-proton collisions at 2.83 GeV”, Q. J. Ye *et al.*, Phys. Rev. C **85**, 035211 (2012).
2. “Search for Spin-Dependent Short-Range Force Using Optically Polarized ^3He Gas”, W. Zheng, H. Gao *et al.*, Phys. Rev. D **85**, 031505(R) (2012).
3. “Beam-Target Double Spin Asymmetry A_{LT} in Charged Pion Production from Deep Inelastic Scattering on a Transversely Polarized ^3He Target at $1.4 < Q^2 < 2.7 \text{ GeV}^2$ ”, J. Huang *et al.*, Phys. Rev. Lett. **108**, 052001 (2012).

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4. “Precise measurement of deuteron tensor analyzing powers with BLAST”, C. Zhang *et al.*, Phys. Rev. Lett. **107**, 252501 (2011).
5. “General solution to gradient-induced transverse and longitudinal relaxation of spins undergoing restricted diffusion”, W. Zheng, H. Gao, *et al.*, Phys. Rev. A **84**, 053411 (2011).
6. “Spin-Dependent Electron Scattering from Polarized Protons and Deuterons with the BLAST Experiment at MIT-Bates”, D. Hasell, R.G. Milner, R.P. Redwine, R. Alarcon, H. Gao, M. Kohl, and J. Calarco, Annual Review of Nuclear and Particle Science **61**, 409-433 (2011).
7. “Extracting the photoproduction cross section off the neutron $\gamma n \rightarrow \pi^- p$ from deuteron data with FSI effects”, V.E. Tarasov *et al.*, *et al.*, Phys. Rev. C **84**, 035203 (2011).
8. “Single Spin Asymmetries in Charged Pion Production from Semi-Inclusive Deep Inelastic Scattering on a Transversely Polarized ^3He Target”, X. Qian *et al.*, Phys. Rev. Lett. **107**, 072003 (2011).
9. “Nuclear transparency and effective kaon-nucleon cross section from the $A(e, e'K^+)$ reaction”, Nuruzzaman *et al.*, Phys. Rev. C **84**, 015210 (2011). Phys. Rev. C **84**, 015210 (2011).
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12. “Transverse Spin Structure of the Nucleon through Target Single Spin Asymmetry in Semi-Inclusive Deep-Inelastic ($e, e'\pi^\pm$) Reaction at Jefferson Lab”, H. Gao *et al.*, EPJ-Plus **126**, 2 (2011).
13. “Near-threshold Photoproduction of ϕ Mesons from Deuterium”, X. Qian *et al.*, Phys. Lett. B **696**, 338 (2011).

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16. “Study of the $A(e, e'\pi^+)$ Reaction on ^1H , ^2H , ^{12}C , ^{27}Al , ^{63}Cu and ^{197}Au ”, X. Qian *et al.*, Phys. Rev. C **81**, 055209 (2010).
17. “A high-pressure polarized ^3He gas target for nuclear-physics experiments using a polarized photon beam”, Q. Ye, G. Laskaris, W. Chen, H. Gao, W. Zheng, T. Averett, G.D. Cates, and W.A. Tobias, Eur. Phys. J. A **44**, 55 (2010).

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26. “Research Opportunities at the Upgraded HI γ S Facility”, H.R. Weller, M. Ahmed, H. Gao, Tornow *et al.*, Progress in Particle and Nuclear Physics **62**, 257 (2009) (Review).
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35. “Extraction of the Neutron Magnetic Form Factor from Quasi-Elastic $^3\vec{H}e(\vec{e}, e')$ at $Q^2 = 0.1 - 0.6$ (GeV/c) 2 ”, B. Anderson *et al.* (E95-001 Collaboration), Phys. Rev. C **75**, 034003 (2007).
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