Publications (K. Hicks)


4. W. Tang, K. Hicks et al. (the CLAS Collaboration), “Cross sections for the $p \rightarrow K^+\Lambda$ and $\gamma p \rightarrow K^+\Sigma^0$ reactions measured at CLAS”, accepted in Phys. Rev. C (2013).

5. S. Hwang, J.K. Ahn, and K. Hicks, “$K^0\Sigma^+$ photoproduction from threshold to 3.0 GeV”, Few Body Syst. 54, 265-269 (2013).


34. H. Kohri et al. (the LEPS Collaboration), “Near-threshold $\Lambda(1520)$ production by the $\bar{\gamma}p\rightarrow K^+\Lambda(1520)$ reaction at forward $K^+$ angles”, Phys. Rev. Lett. 104:172001 (2010).


45. K. Hicks, D. Keller et al. (the LEPS Collaboration), “Cross sections and beam asymmetry for $K^+ \Sigma^- \gamma$ photoproduction from the deuteron at $E_\gamma =1.5-2.4$ GeV”, Phys. Rev. Lett. 102:012501 (2009).


49. Y. Prok et al. (the CLAS Collaboration), “Moments of the spin structure functions $g_1^p$ and $g_1^\bar{p}$ for $0.05 < Q^2 < 3.0$ GeV$^2$”, Phys. Lett. B 672:12-16 (2009).


84. K. Hicks et al. (the CLAS Collaboration), “Search for the $\pi^{0}$ photoproduction on the proton for photon energies from 0.675 to 2.875 GeV”, Phys. Rev. C 76:025211 (2007).


87. P. Bosted et al. (the CLAS Collaboration), “Quark-hadron duality in spin structure functions $g_{1}^{q}$ and $g_{1}^{d}$”, Phys. Rev. C 75:035203 (2007).


108. M. Sumihama et al. (the LEPS Collaboration), “The $\bar{\gamma}p \rightarrow K^+ \Lambda$ and $\bar{\gamma}p \rightarrow K^+ \Sigma^0$ reactions at forward angles with photon energies from 1.5 to 2.4 GeV”, Phys. Rev. C 73:035214 (2006).


110. R. De Vita et al. (the CLAS Collaboration), “Search for the $\Theta^+$ pentaquark in the reactions $\gamma p \rightarrow K^0 K^+ n$ and $\gamma p \rightarrow K^0 K^0 p$”, Phys. Rev. D 74:032001 (2006).


142. R. Fatemi et al. (the CLAS Collaboration), “Measurement of the Proton Spin Structure Function g_1(x, Q^2) for Q^2 from 0.15 to 1.6 GeV^2 with CLAS”, Phys. Rev. Lett. 91:222002 (2003).


159. K. Joo et al. (The CLAS collaboration), “\(Q^2\) Dependence of Quadrupole Strength in the \(\gamma^*p \rightarrow \Delta^+(1232) \rightarrow p\pi^0\) Transition”, Phys. Rev. Lett. 88:122001 (2002).


236. F.D. Becchetti, et al., “Unusual fission-mass distributions, $A < 200$, studied using 200 MeV proton and $^3$He induced fission”, in Fifty Years with Nuclear Fission, NBS, Gaithersburg, 1989, in press.


255. G.M. Huber, et al., “$^7$Li(p,$\pi^-$$^8$B* and $^7$Li(p,$\pi^+$$^8$Li* Reactions in the Region of the $\Delta_{1232}$ Resonance”, Phys. Rev. C38 (1988) 1304.


257. G.M. Huber, et al., “Comparison of $^{13}$C(p,$\pi^-$)$^{14}$O* and $^{13}$C(p,$\pi^+$)$^{14}$C* Reactions in the Region of the $\Delta_{1232}$ Resonance”, Phys. Rev. C37 (1988) 1161.


