

# Reinhard A Schumacher

## List of Publications by Year in descending order

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270  
papers

11,104  
citations

30070

54  
h-index

39675

94  
g-index

274  
all docs

274  
docs citations

274  
times ranked

3091  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | The neuroscience of advanced scientific concepts. Npj Science of Learning, 2021, 6, 29.  | 2.8  | 1         |
| 2  | Beam-target helicity asymmetry E in $K^+\hat{\Lambda}^0$ photoproduction on the neutron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 808, 135662.                    | 4.1  | 8         |
| 3  | Baryon-anti-Baryon photoproduction. AIP Conference Proceedings, 2020, , .  | 0.4  | 1         |
| 4  | Extraction of Beam-Spin Asymmetries from the Hard Exclusive $\gamma p \rightarrow \pi^0 p$ Channel off Protons in a Wide Range of Kinematics. Physical Review Letters, 2020, 125, 182001.                        | 7.8  | 13        |
| 5  | First measurement of direct photoproduction of the $\eta$ meson on the proton. Physical Review C, 2020, 102, .   | 2.9  | 12        |
| 6  | Measurement of the photon beam asymmetry in $\hat{\Lambda}^0 \rightarrow p \gamma$ at $E_\gamma = 8.5$ GeV. Physical Review C, 2020, 101, .  | 2.9  | 4         |
| 7  | Exclusive $\gamma p \rightarrow \pi^0 p$ electroproduction off protons in the resonance region at photon virtualities $0.4 \text{ GeV}^2 \leq Q^2 \leq 1 \text{ GeV}^2$ . Physical Review C, 2020, 101, .        | 2.9  | 10        |
| 8  | Observation of $\hat{\Lambda}^0 \rightarrow p \gamma$ with GlueX at Jefferson Lab. AIP Conference Proceedings, 2019, , .   | 0.4  | 1         |
| 9  | Measurement of nuclear transparency ratios for protons and neutrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134792.  | 4.1  | 15        |
| 10 | First results on nucleon resonance photocouplings from the $\hat{\Lambda}^0 \rightarrow \pi^0 p$ reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 371-379. | 4.1  | 20        |
| 11 | Measurement of the beam spin asymmetry of $\gamma p \rightarrow \pi^0 p$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 426-431.                                 | 4.1  | 5         |
| 12 | Direct Observation of Proton-Neutron Short-Range Correlation Dominance in Heavy Nuclei. Physical Review Letters, 2019, 122, 172502.  | 7.8  | 80        |
| 13 | First Measurements of the Double-Polarization Observables $\sigma_{LL}$ and $\sigma_{LT}$ . Physical Review Letters, 2019, 122, 172502.  | 7.8  | 7         |
| 14 | Modified structure of protons and neutrons in correlated pairs. Nature, 2019, 566, 354-358.  | 27.8 | 105       |
| 15 | Beam asymmetry $\sigma_{\perp}$ for the photoproduction of $\pi^0$ and $\eta$ mesons. Physical Review Letters, 2019, 122, 172502.  | 2.9  | 12        |
| 16 | Measurement of the $\eta$ meson production cross section and its Moments at Low $Q^2$ . Physical Review Letters, 2019, 122, 172502.  | 7.8  | 16        |
| 17 | Measurement of unpolarized and polarized cross sections for deeply virtual Compton scattering on the proton at Jefferson Laboratory with CLAS. Physical Review C, 2018, 98, .                                    | 2.9  | 8         |
| 18 | Beam-target helicity asymmetry E in $K^0 \hat{\Lambda}^0$ and $K^0 \hat{\Sigma}^0$ photoproduction on the neutron. Physical Review C, 2018, 98, .  | 2.9  | 8         |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Photoproduction of $\Lambda(1520)$ from threshold to $W = 3.3$ GeV. Physical Review C, 2018, 98, .  | 2.9  | 5         |
| 20 | Photoproduction of $K^*_1(1270)$ meson pairs on the proton. Physical Review D, 2018, 98, .  | 4.7  | 4         |
| 21 | Center of Mass Motion of Short-Range Correlated Nucleon Pairs studied via the $A(e, e'p)$ reaction. Physical Review C, 2018, 98, .  | 7.8  | 42        |
| 22 | Double $K^*_1(1270)$ photoproduction off the proton at CLAS. Physical Review C, 2018, 97, .   | 2.9  | 6         |
| 23 | Semi-inclusive $\Lambda(1520)$ target and beam-target asymmetries from 6 GeV electron scattering with CLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 662-667.                                   | 4.1  | 2         |
| 24 | Hard exclusive pion electroproduction at backward angles with CLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 340-345.   | 4.1  | 14        |
| 25 | Measurement of the beam asymmetry $\Sigma$ and the target asymmetry $T$ in the photoproduction of $\Lambda(1520)$ mesons off the proton using CLAS at Jefferson Laboratory. Physical Review C, 2018, 97, .  | 2.9  | 7         |
| 26 | Probing high-momentum protons and neutrons in neutron-rich nuclei. Nature, 2018, 560, 617-621.  | 27.8 | 127       |
| 27 | Measurements of the $\Lambda(1520)$ cross section with the CLAS detector for $0.4 \text{ GeV}^2 < Q^2 < 1.0 \text{ GeV}^2$ and $1.3 \text{ GeV} < W < 1.825 \text{ GeV}$ . Physical Review C, 2018, 98, .   | 2.9  | 14        |
| 28 | First measurement of $\Lambda(1520)$ polarization in photoproduction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 280-286.   | 4.1  | 2         |
| 29 | Differential cross section for $\Lambda(1520)$ using CLAS at Jefferson Lab. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 646-651.   | 4.1  | 3         |
| 30 | Exclusive photoproduction of $\Lambda(1520)$ up to large values of Mandelstam variables $s$ , $t$ and $u$ with CLAS. Physical Review C, 2017, 95, .   | 2.9  | 5         |
| 31 | Beam-target double-spin asymmetry in quasielastic electron scattering off the deuteron with CLAS. Physical Review C, 2017, 95, .  | 2.9  | 5         |
| 32 | Differential cross sections and polarization observables from CLAS $\Lambda(1520)$ photoproduction and the search for new $N^*(1520)$ states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 142-150. | 4.1  | 14        |
| 33 | Target and double spin asymmetries of deeply virtual $\Lambda(1520)$ production with a longitudinally polarized proton target and CLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 168-173.       | 4.1  | 14        |
| 34 | Target and beam-target spin asymmetries in exclusive pion electroproduction for $Q^2 > 2$ GeV <sup>2</sup> . II. $e p \rightarrow e' p \pi^0$ . Physical Review C, 2017, 95, .  | 2.9  | 4         |
| 35 | Differential cross section measurements for $\Lambda(1520)$ above the first nucleon resonance region. Physical Review C, 2017, 96, .  | 2.9  | 19        |
| 36 | Measurement of the beam asymmetry $\Sigma$ for $\Lambda(1520)$ and $\Lambda(1115)$ photoproduction on the proton at $E^i = 9$ GeV. Physical Review C, 2017, 95, .   | 2.9  | 49        |



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|----|---|-----|-----------|
| 55 | Search for baryon-number and lepton-number violating decays of $\Lambda$ hyperons using the CLAS detector at Jefferson Laboratory. Physical Review D, 2015, 92, . | 4.7 | 15        |
| 56 | Cross Sections for the Exclusive Photon Electroproduction on the Proton and Generalized Parton Distributions. Physical Review Letters, 2015, 115, 212003.         | 7.8 | 73        |
| 57 | Determination of the beam-spin asymmetry of deuteron photodisintegration in the energy region $E^3 = 1.1$ to $2.3$ GeV. Physical Review C, 2015, 91, .            | 2.9 | 5         |
| 58 | First measurement of the polarization observable $E$ in the $p$ region $E^3 = 1.1$ to $2.3$ GeV. Physical Review C, 2015, 91, .                                   |     |           |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 73 | Momentum sharing in imbalanced Fermi systems. Science, 2014, 346, 614-617.                                | 12.6 | 233       |
| 74 | Measurement of the structure function of the nearly free neutron using spectator tagging in inelastic $H$ |      |           |



| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 109 | Near-threshold photoproduction of $\bar{K}^*$ mesons from deuterium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 338-342.   | 4.1 | 14        |
| 110 | Scaling and resonances in elementary $K^*$ photoproduction. Physical Review C, 2011, 83, .   | 2.9 | 19        |
| 111 | Electromagnetic decay of the $\Lambda(1520)$ . Physical Review D, 2011, 83, .  | 4.7 | 21        |
| 112 | Coherent photoproduction of $\bar{K}^*$ from $^3\text{He}$ . Physical Review C, 2011, 83, .  | 2.9 | 2         |
| 113 | Evidence for a backward peak in the $\Lambda^0$ cross section near the $\Lambda$ threshold. European Physical Journal A, 2010, 43, 261-267.  | 2.5 | 17        |
| 114 | Properties of the $\Lambda(1405)$ Measured at CLAS. Nuclear Physics A, 2010, 835, 325-328.   | 1.5 | 17        |
| 115 | Measurement of the nucleon structure function in the nuclear medium and evaluation of its moments. Nuclear Physics A, 2010, 845, 1-32.   | 1.5 | 6         |
| 116 | Differential cross section of $\Lambda^0$ on bound neutrons with incident photons from 1.1 to 3.6 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 289-293.                 | 2.9 | 33        |
| 117 | Hyperon Photo- and Electro- Production Experiments at CLAS. Nuclear Physics A, 2010, 835, 231-238.   | 1.5 | 2         |
| 118 | Measurement of Single- and Double-Spin Asymmetries in Deep Inelastic Pion Electroproduction with a Longitudinally Polarized Target. Physical Review Letters, 2010, 105, 262002.  | 7.8 | 79        |
| 119 | Differential cross sections and recoil polarizations for the reaction $\Lambda^0 p \rightarrow \Lambda^0 K^+ p$ . Tensor Correlations Measured in $\Lambda^0 p \rightarrow \Lambda^0 K^+ p$ . Physical Review C, 2010, 81, . | 2.9 | 78        |
| 120 | Absorption of the $\Lambda(1520)$ and $\Lambda(1115)$ Mesons in Nuclei. Physical Review Letters, 2010, 105, 112301.  | 7.8 | 25        |
| 121 | Differential cross section and recoil polarization measurements for the $\Lambda^0 p \rightarrow \Lambda^0 K^+ p$ using CLAS at Jefferson Lab. Physical Review C, 2010, 81, .  | 2.9 | 145       |
| 122 | Absorption of the $\Lambda(1520)$ and $\Lambda(1115)$ Mesons in Nuclei. Physical Review Letters, 2010, 105, 112301.  | 7.8 | 66        |
| 123 | Strangeness Physics with CLAS at Jefferson Lab. , 2010, , .  |     | 4         |
| 124 | Properties of the $\Lambda(1405)$ Measured at CLAS. , 2010, , .  |     | 0         |
| 125 | Electroexcitation of nucleon resonances from CLAS data on single pion electroproduction. Physical Review C, 2009, 80, .  | 2.9 | 199       |
| 126 | Differential cross section and recoil polarization measurements for the $\Lambda^0 p \rightarrow \Lambda^0 K^+ p$ using CLAS at Jefferson Lab. Physical Review C, 2009, 79, .  | 2.9 | 199       |







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|-----|---|-----|-----------|
| 163 | Cross sections for the<br>$\int_0^1 dx \int_0^{1-x} dy \int_0^{1-x-y} dz \dots$   | 2.9 | 31        |
| 164 | of the<br>$S_{11} = \dots$  | 2.9 | 31        |
| 165 | Physica<br>First measurement of beam-recoil observables $C_x$ and $C_z$ in hyperon photoproduction. Physical Review C, 2007, 75,<br>Measurement of the $x$ - and $z$ -<br>$\int_0^1 dx \int_0^{1-x} dy \dots$ | 2.9 | 140       |
| 166 | Search for $\tilde{\Lambda}^+$ pentaquark in the reactions<br>$\tilde{\Lambda}^+ \rightarrow \Lambda^0 + p$   | 4.1 | 108       |
| 167 | Search for the $\tilde{\Lambda}^+$ pentaquark in the reactions<br>$\tilde{\Lambda}^+ \rightarrow \Lambda^0 + p$   | 4.7 | 51        |
| 168 | CIPANP 2006 Low Energy Hadron Physics Summary. AIP Conference Proceedings, 2006, , .  | 0.4 | 0         |
| 169 | The Rise and Fall of Pentaquarks in Experiments. AIP Conference Proceedings, 2006, , .  | 0.4 | 12        |
| 170 | Search for $\tilde{\Lambda}^+$ pentaquarks in the Exclusive Reaction<br>$\tilde{\Lambda}^+ \rightarrow \Lambda^0 + p$   | 7.8 | 13        |
| 171 | Search for the $\tilde{\Lambda}^+$ pentaquark in the Reaction<br>$\tilde{\Lambda}^+ \rightarrow \Lambda^0 + p$  | 7.8 | 92        |
| 172 | Search for the $\tilde{\Lambda}^+$ pentaquark in the<br>$\tilde{\Lambda}^+ \rightarrow \Lambda^0 + p$   | 7.8 | 35        |
| 173 | Single $\tilde{\Lambda}^+$ electroproduction on the proton in the first and second resonance regions<br>$0.25 \text{ GeV} < Q^2 < 0.65 \text{ GeV}^2$ . Physical Review C, 2006, 73, .                        | 2.9 | 57        |
| 174 | Search for $\tilde{\Lambda}^+$ (1540) pentaquark in High-Statistics Measurement of<br>$\tilde{\Lambda}^+ \rightarrow \Lambda^0 + p$   | 7.8 | 69        |
| 175 | Measurement of the deuteron structure function $F_2$ in the resonance region and evaluation of its moments. Physical Review C, 2006, 73, .  | 2.9 | 20        |
| 176 | Electron scattering from high-momentum neutrons in deuterium. Physical Review C, 2006, 73, .  | 2.9 | 25        |
| 177 | Measurement of Deeply Virtual Compton Scattering with a Polarized-Proton Target. Physical Review Letters, 2006, 97, 072002.   | 7.8 | 98        |
| 178 | $\tilde{\Lambda}^+$ photoproduction on the Proton for Photon Energies from 1.527 to 2.227 GeV. Physical Review Letters, 2006, 96, 062001.   | 7.8 | 54        |
| 179 | Measurement of Two- and Three-Nucleon Short-Range Correlation Probabilities in Nuclei. Physical Review Letters, 2006, 96, 082501.   | 7.8 | 225       |
| 180 | Measurement of the $\tilde{\Lambda}^+$ (1232) Transition at High-Momentum Transfer by<br>$\tilde{\Lambda}^+ \rightarrow \Lambda^0 + p$  | 7.8 | 90        |

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|-----|---|-----|-----------|
| 181 | Differential cross sections for $\bar{K}^+ \Lambda$ and $\bar{K}^+ \Sigma^0$ hyperons. Physical Review C, 2006, 73, .<br>Exclusive $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$<br>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x | 2.9 | 255       |
| 182 | Survey of asymmetries in semi-exclusive electron scattering on $^4\text{He}$ and $^{12}\text{C}$ . Nuclear Physics A, 2005, 748, 357-373.   | 4.1 | 39        |
| 183 | Deeply virtual and exclusive electroproduction of $\bar{K}^0$ -mesons. European Physical Journal A, 2005, 24, 445-458.  | 2.5 | 40        |
| 184 | Measurement of the polarized structure function $\tilde{F}_2^{\pi}$ for pion electroproduction in the Roper-resonance region. Physical Review C, 2005, 72, .  | 2.9 | 20        |
| 185 | Exclusive photoproduction of the cascade ( $\bar{\Sigma}$ ) hyperons. Physical Review C, 2005, 71, .  | 2.9 | 24        |
| 186 | Radiative decays of the $\bar{\Sigma}(1385)$ and $\bar{\Sigma}(1520)$ hyperons. Physical Review C, 2005, 71, .  | 2.9 | 31        |
| 187 | Beam-Helicity Asymmetries in Double-Charged-Pion Photoproduction on the Proton. Physical Review Letters, 2005, 95, 162003.  | 7.8 | 45        |
| 188 | Measurement of the polarized structure function $\tilde{F}_2^{\pi}$ for $p(e, e^+ \bar{K}^+)n$ in the $\bar{K}^*(1232)$ resonance region. Physical Review C, 2004, 70, .  | 2.9 | 42        |
| 189 | Complete measurement of three-body photodisintegration of $^3\text{He}$ for photon energies between 0.35 and 1.55 GeV. Physical Review C, 2004, 70, .   | 2.9 | 20        |
| 190 | Proton Source Size Measurements in the $e^+e^- \rightarrow p\bar{p}X$ Reaction. Physical Review Letters, 2004, 93, 192301.  | 7.8 | 21        |
| 191 | Publisher's Note: Two-Nucleon Momentum Distributions Measured in $^3\text{He}(e, e^+ \bar{p})n$ [Phys. Rev. Lett. PRLTAO0031-900792, 052303 (2004)]. Physical Review Letters, 2004, 92, .   | 7.8 | 0         |
| 192 | Hyperon photoproduction in the nucleon resonance region. Physical Review C, 2004, 69, .   | 2.9 | 159       |
| 193 | Tensor polarization of the $\rho$ -meson photoproduced at high. Physical Review C, 2004, 69, .  | 2.9 | 13        |
| 194 | Complete angular distribution measurements of two-body deuteron photodisintegration between 0.5 and 3 GeV. Physical Review C, 2004, 70, .   | 2.9 | 38        |
| 195 | STRANGENESS PRODUCTION EXPERIMENTS AT JEFFERSON LAB. , 2004, , .  |     | 0         |
| 196 | Strangeness production and other recent results from Hall B at Jefferson Lab. European Physical Journal A, 2003, 18, 371-375.   | 2.5 | 1         |
| 197 | The CEBAF large acceptance spectrometer (CLAS). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 503, 513-553.  | 1.6 | 436       |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 199 | Structure of ${}^{\Lambda}13\text{C}$ hypernucleus studied by the $(K^{\Lambda}, \bar{K}^{\Lambda})$ reaction. Nuclear Physics A, 2003, 721, C979-C982.   | 1.5 | 2         |
| 200 | Observation of an Exotic $S=+1$ Baryon in Exclusive Photoproduction from the Deuteron. Physical Review Letters, 2003, 91, 252001.   | 7.8 | 366       |
| 201 | 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. Physical Review Letters, 2003, 91, 222002.   | 7.8 | 67        |
| 202 | First Measurement of Transferred Polarization in the Exclusive $e^+p \rightarrow e^+K^{\Lambda}p^{\Lambda}$ Reaction. Physical Review Letters, 2003, 90, 131804.  | 7.8 | 64        |
| 203 | $Q^2$ Dependence of Quadrupole Strength in the ${}^{\Lambda}3^* p \rightarrow (1232)^+ p \pi^0$ Transition. Physical Review Letters, 2002, 88, 122001.  | 7.8 | 191       |
| 204 | $\Lambda$ Photoproduction on the Proton for Photon Energies from 0.75 to 1.95 $\text{GeV}$ . Physical Review Letters, 2002, 89, 222002.   | 7.8 | 111       |
| 205 | Search for strangeness-2 hypernuclei. Nuclear Physics A, 2001, 684, 598-600.  | 1.5 | 1         |
| 206 | High-resolution gamma-ray spectroscopy of hypernuclei with germanium detectors. Nuclear Physics A, 2001, 684, 560-562.  | 1.5 | 4         |
| 207 | The $e^+p \rightarrow e^+p^{\Lambda}$ Reaction at and above the $S_{11}(1535)$ Baryon Resonance. Physical Review Letters, 2001, 86, 1702-1706.  | 7.8 | 102       |
| 208 | Photoproduction of the $\eta$ Meson on the Proton at Large Momentum Transfer. Physical Review Letters, 2001, 87, 172002.  | 7.8 | 49        |
| 209 | Observation of Spin-Orbit Splitting in $\Lambda$ Single-Particle States. Physical Review Letters, 2001, 86, 4255-4258.  | 7.8 | 123       |
| 210 | Production of ${}^{\Lambda}4\text{H}$ Hypernuclei. Physical Review Letters, 2001, 87, 132504.   | 7.8 | 110       |
| 211 | H-dibaryon search via $\bar{K}^{\Lambda}$ capture on the deuteron. Physical Review C, 2001, 63, .   | 2.9 | 10        |
| 212 | The CLAS drift chamber system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 449, 81-111.  | 1.6 | 90        |
| 213 | Search for double- $\Lambda$ hypernuclei and the H-dibaryon in the $(K^{\Lambda}, K^+)$ reaction on ${}^{12}\text{C}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 478, 401-407. | 4.1 | 23        |
| 214 | Strangeness photoproduction with CLAS at Jefferson Lab. Nuclear Physics A, 2000, 663-664, 440c-442c.  | 1.5 | 3         |
| 215 | Photoproduction of $\eta(1020)$ Mesons on the Proton at Large Momentum Transfer. Physical Review Letters, 2000, 85, 4682-4686.  | 7.8 | 67        |
| 216 | Results from PS185. Nuclear Physics A, 1999, 655, c173-c178.  | 1.5 | 4         |

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|-----|--|-----|-----------|
| 217 | K Meson Photo- and Electro- Production with CLAS at Jefferson Lab. Few-Body Systems, 1999, , 225-232.  | 0.2 | 1         |
| 218 | H-dibaryon search via the (K-,K+) reaction using a diamond target (BNL-E885). Nuclear Physics A, 1998, 639, 371c-374c.   | 1.5 | 4         |
| 219 | The region one drift chamber for the CLAS spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 419, 315-319.                               | 1.6 | 8         |
| 220 | Photoproduction evidence for and against hidden-strangeness states near 2 GeV. Physical Review C, 1997, 56, 2774-2778.   | 2.9 | 1         |
| 221 | Search for the H-Dibaryon in $^3\text{He}(K^-,K^+)\text{Hn}$ . Physical Review Letters, 1997, 78, 3646-3649.   | 7.8 | 54        |
| 222 | Measurement of the reactions and close to threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 402, 227-236.   | 4.1 | 12        |
| 223 | A computer-controlled tension monitoring system for drift chamber wires. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 369, 215-221.              | 1.6 | 3         |
| 224 | A Large Acceptance Detector System (LADS) for studies of pion absorption. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 373, 374-386.             | 1.6 | 15        |
| 225 | Measurement of the $p\bar{p}\pi^+\pi^-\Lambda^0$ and $p\bar{p}\pi^+\pi^-\Lambda^0+c.c.$ reactions at 1.726 and 1.771 GeV/c. Physical Review C, 1996, 54, 2831-2842.  | 2.9 | 21        |
| 226 | Strangelet search and light nucleus production in relativistic Si+Pt and Au+Pt collisions. Physical Review C, 1996, 54, R15-R19.   | 2.9 | 16        |
| 227 | Observables in high-statistics measurements of the reaction $p\bar{p}\pi^+\pi^-\Lambda^0$ . Physical Review C, 1996, 54, 1877-1886.  | 2.9 | 44        |
| 228 | Construction update and drift velocity calibration for the CLAS drift chamber system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 367, 316-320. | 1.6 | 5         |
| 229 | Search for strangelets and other rare objects in Au + Pt collisions at the AGS using a fixed-angle focusing spectrometer. Nuclear Physics A, 1995, 585, 59-62.   | 1.5 | 1         |
| 230 | Electromagnetic strangeness production at CEBAF. Nuclear Physics A, 1995, 585, 63-74.  | 1.5 | 19        |
| 231 | A multi-cell target for $\Lambda^0$ hypernuclei searches. Nuclear Physics A, 1995, 585, 339-340.   | 1.5 | 1         |
| 232 | Search for H-dibaryon-nucleus bound states in relativistic Au+Pt collisions. Physical Review C, 1995, 52, 1580-1583.   | 2.9 | 8         |
| 233 | A re-evaluation of the nuclear structure function ratios for D, He, $^6\text{Li}$ , C and Ca. Nuclear Physics B, 1995, 441, 3-11.  | 2.5 | 177       |
| 234 | Strangeness Electro- and Photo-Production at CEBAF. Few-Body Systems, 1995, , 355-368.   | 0.2 | 0         |

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|-----|---|-----|-----------|
| 235 | Large-Solid-Angle Study of Pion Absorption on He-3. Physical Review Letters, 1994, 73, 1336-1339.   | 7.8 | 33        |
| 236 | Composite particle production in relativistic Au+Pt, Si+Pt, and p+Pt collisions. Physical Review C, 1994, 49, 3211-3218.  | 2.9 | 27        |
| 237 | Special relativity and the Michelson-Morley interferometer. American Journal of Physics, 1994, 62, 609-612.   | 0.7 | 26        |
| 238 | Reevaluation of the Gottfried sum. Physical Review D, 1994, 50, R1-R3.  | 4.7 | 293       |
| 239 | Quark and gluon distributions and $\hat{\Gamma}_s$ from nucleon structure functions at low x. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 309, 222-230.     | 4.1 | 54        |
| 240 | A time-of-flight array for 1 to 2 GeV/c particles. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 326, 489-495. | 1.6 | 13        |
| 241 | From with PS185 at LEAR. Nuclear Physics A, 1993, 558, 277-286.   | 1.5 | 3         |
| 242 | Production of $\bar{K}^{\pm}, K^{\pm}, p,$ and $\bar{p}$ in relativistic Au+Pt, Si+Pt, and p+Pt collisions. Physical Review C, 1993, 48, 2984-2994.   | 2.9 | 19        |
| 243 | Energy dependence of two-nucleon pion absorption on $^{16}\text{O}$ . Physical Review C, 1993, 47, 1184-1199.   | 2.9 | 10        |
| 244 | Dominance of the two-nucleon mechanism in $^{16}\text{O}(\bar{\nu}e, pp)$ at 115 MeV. Physical Review C, 1992, 45, 1767-1783.   | 2.9 | 15        |
| 245 | Transverse momentum distributions for exclusive $\bar{\nu}e$ muon production. Zeitschrift für Physik C-Particles and Fields, 1992, 54, 239-245.   | 1.5 | 28        |
| 246 | The ratio $F_2^n/F_2^p$ in deep inelastic muon scattering. Nuclear Physics B, 1992, 371, 3-31.  | 2.5 | 116       |
| 247 | Measurements of non-leptonic weak decays of lambda hypernuclei. AIP Conference Proceedings, 1992, , .   | 0.4 | 0         |
| 248 | Proton and deuteron $F_2$ structure functions in deep inelastic muon scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 159-168.                  | 4.1 | 238       |
| 249 | Precision measurement of structure function ratios for $^6\text{Li}, ^{12}\text{C}$ and $^{40}\text{Ca}$ . Zeitschrift für Physik C-Particles and Fields, 1992, 53, 73-77.                              | 1.5 | 31        |
| 250 | Measurements of $R_d/R_p$ and $R_{Ca}/R_c$ in deep inelastic muon scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 294, 120-126.                     | 4.1 | 41        |
| 251 | Possible violation of the rule in non-mesonic hypernuclear weak decay. Nuclear Physics A, 1992, 547, 143-148.   | 1.5 | 40        |
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