

Proton elastic form factor ratios to  $Q^2=3.5\text{GeV}^2$  by polariz

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Citation Report

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Nuclear Data Sheets for A = 1. Nuclear Data Sheets, 2005, 106, 601-618.   | 0.7 | 2         |
| 2  | Study of lattice QCD form factors using the extended Gari-KrÄ¼mpelmann model. Physical Review C, 2005, 72, .  | 1.1 | 17        |
| 3  | Recoil Polarization for $\rho^0$ Excitation in Pion Electroproduction. Physical Review Letters, 2005, 95, 102001.   | 2.9 | 56        |
| 4  | Target normal spin asymmetry of the elastic scattering at resonance energy. Physical Review C, 2005, 72, .  | 1.1 | 6         |
| 5  | Two-photon exchange in elastic electron-nucleon scattering. Physical Review C, 2005, 72, .  | 1.1 | 189       |
| 6  | Proton GE/GM from beam-target asymmetry. Physical Review C, 2006, 74, .   | 1.1 | 70        |
| 7  | Chiral dynamics of baryons in a Lorentz covariant quark model. Physical Review D, 2006, 73, .   | 1.6 | 44        |
| 8  | Nucleon form factors in QCD. Physical Review D, 2006, 73, .   | 1.6 | 134       |
| 9  | Two-photon effects in lepton-antilepton pair photoproduction from a nucleon target using real photons. Physical Review D, 2006, 73, .   | 1.6 | 1         |
| 10 | Extraction of proton form factors in the timelike region from single-polarized $e^+e^- \rightarrow p^+p^-$ events. Physical Review D, 2006, 74, .                                     | 1.6 | 3         |
| 11 | Da $\phi$ ne upgrade. Nuclear Physics, Section B, Proceedings Supplements, 2006, 162, 339-344.  | 0.5 | 0         |
| 12 | The beauty of the electromagnetic probe. European Physical Journal A, 2006, 28, 1-5.  | 1.0 | 1         |
| 13 | General analysis of polarization phenomena in for axial parametrization of two-photon exchange. Nuclear Physics A, 2006, 771, 169-183.  | 0.6 | 43        |
| 14 | Box diagram in the elastic electron-proton scattering. Physical Review C, 2006, 74, .   | 1.1 | 56        |
| 15 | Measurements of the neutron electric to magnetic form factor ratio $G_E/G_M$ via the $H_2(e^+e^-, e^+n^+)H_1$ reaction to $Q^2=1.45(\text{GeV}/c)^2$ . Physical Review C, 2006, 73, . | 1.1 | 74        |
| 16 | Extraction of proton form factors in the timelike region from unpolarized $e^+e^- \rightarrow pp^-$ events. Physical Review D, 2006, 74, .  | 1.6 | 6         |
| 17 | Experimental constraints on nonlinearities induced by two-photon effects in elastic and inelastic Rosenbluth separations. Physical Review C, 2006, 73, .                              | 1.1 | 55        |
| 18 | Doubly virtual Compton scattering and the beam normal spin asymmetry. Physical Review C, 2006, 73, .  | 1.1 | 14        |



| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Two-Photon Physics in Hadronic Processes. Annual Review of Nuclear and Particle Science, 2007, 57, 171-204.  | 3.5 | 124       |
| 38 | Nucleon electromagnetic form factors. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, S23-S51.   | 1.4 | 174       |
| 39 | Measurements of the Proton Elastic-Form-Factor Ratio $\frac{G_E^p}{G_M^p}$ at Low Momentum Transfer. Physical Review Letters, 2007, 99, 202002.  | 2.9 | 44        |
| 40 | Structure function method applied to polarized and unpolarized electron-proton scattering: A solution of the $G_E(p)/G_M(p)$ discrepancy. Physical Review C, 2007, 75, .   | 1.1 | 53        |
| 41 | Polarisation Observables in Antiproton Proton to Lepton Antilepton Reactions. AIP Conference Proceedings, 2007, , .  | 0.3 | 0         |
| 42 | Elastic nucleon form factors. Nuclear Physics A, 2007, 782, 57-61.   | 0.6 | 4         |
| 43 | Flavor content of nucleon form factors in the space- and time-like region. Nuclear Physics A, 2007, 790, 136c-142c.  | 0.6 | 1         |
| 44 | Dispersive contributions to $\frac{G_E^p}{G_M^p}$ .<br><small>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</small> | 1.5 | 28        |
| 45 | Nucleon electromagnetic form factors. Progress in Particle and Nuclear Physics, 2007, 59, 694-764.   | 5.6 | 328       |
| 46 | Polarisation observables in lepton-antilepton-to-proton-antiproton reactions including lepton mass. European Physical Journal A, 2007, 31, 9-14.   | 1.0 | 7         |
| 47 | Nucleon form factors and the BLAST experiment. European Physical Journal A, 2007, 31, 588-592.   | 1.0 | 4         |
| 48 | Nucleon form factors and the BLAST experiment. European Physical Journal A, 2007, 32, 477-481.   | 1.0 | 3         |
| 49 | Beam normal spin asymmetries: Theory. European Physical Journal A, 2007, 32, 489-495.  | 1.0 | 0         |
| 50 | Helicity amplitudes and crossing relations for one-photon exchange antiproton proton reactions. European Physical Journal A, 2007, 33, 21-27.  | 1.0 | 4         |
| 51 | Logarithmic corrections and soft photon phenomenology in the multipole model of the nucleon form factors. European Physical Journal A, 2007, 34, 223.  | 1.0 | 1         |
| 52 | Prospects for e+e- physics at Frascati between the $\Upsilon'$ and the $\Upsilon$ . European Physical Journal C, 2007, 50, 729.  | 1.4 | 15        |
| 53 | Two-photon exchange contributions to elastic ep scattering in the non-local field formalism. European Physical Journal C, 2007, 52, 339-355.   | 1.4 | 2         |
| 54 | Two-photon physics. Few-Body Systems, 2007, 41, 103-115.   | 0.7 | 2         |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 55 | Electromagnetic excitation of the $\hat{\Gamma}^*(1232)$ -resonance. <i>Physics Reports</i> , 2007, 437, 125-232.   | 10.3 | 276       |
| 56 | Overview of nucleon structure studies. <i>Nuclear Physics A</i> , 2008, 805, 210c-220c.   | 0.6  | 2         |
| 57 | Covariant calculation of the nucleon and nucleon $\hat{\Gamma}^*$ form factor. <i>Few-Body Systems</i> , 2008, 44, 7-10.  | 0.7  | 0         |
| 58 | Model-independent extraction of two-photon effects in elastic electron-proton scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 658, 138-142. | 1.5  | 15        |
| 59 | Implication of the overlap representation for modelling generalized parton distributions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 660, 350-359. | 1.5  | 43        |
| 60 | Predictions of polarization observables in $e+e^+\hat{\Gamma}^*p\bar{p}$ , by eight- and ten-resonance U&A models. <i>Progress in Particle and Nuclear Physics</i> , 2008, 61, 162-167.                 | 5.6  | 2         |
| 61 | Recent experimental results from JLab. <i>Progress in Particle and Nuclear Physics</i> , 2008, 61, 311-324.   | 5.6  | 2         |
| 62 | Model independent analysis of polarization effects in elastic electron-deuteron scattering in presence of two-photon exchange. <i>Nuclear Physics A</i> , 2008, 799, 127-150.                           | 0.6  | 19        |
| 63 | Elastic Form Factors of the Proton, Neutron and Deuteron. <i>Nuclear Physics A</i> , 2008, 805, 361c-368c.  | 0.6  | 18        |
| 64 | Proton form factors at FAIR. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2008, 181-182, 381-384.   | 0.5  | 0         |
| 65 | Electromagnetic Form Factors in the Time Like Domain. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2008, 181-182, 45-50.  | 0.5  | 1         |
| 66 | A covariant model for the nucleon and the $\hat{\Gamma}^*$ . <i>European Physical Journal A</i> , 2008, 36, 329.  | 1.0  | 59        |
| 67 | Two-photon contributions to the Rosenbluth cross-section in the Skyrme model. <i>European Physical Journal A</i> , 2008, 38, 295-306.   | 1.0  | 0         |
| 68 | Eikonal zeros in the momentum transfer space from proton-proton scattering: an empirical analysis. <i>European Physical Journal C</i> , 2008, 54, 555.  | 1.4  | 12        |
| 69 | Two photon exchange contributions to elastic $e+p \rightarrow e+p$ process in the non-local field formalism. <i>European Physical Journal C</i> , 2008, 57, 671-680.                                    | 1.4  | 1         |
| 70 | Hadronic structure from the lattice. <i>European Physical Journal: Special Topics</i> , 2008, 162, 63-71.   | 1.2  | 6         |
| 71 | Charge asymmetry for electron (positron)-proton elastic scattering at large angles. <i>Physical Review C</i> , 2008, 78, .  | 1.1  | 11        |
| 72 | Proton structure corrections to electronic and muonic hydrogen hyperfine splitting. <i>Physical Review A</i> , 2008, 78, .  | 1.0  | 46        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 73 | Nucleon electromagnetic form factors in QCD. Physical Review D, 2008, 77, .  | 1.6  | 20        |
| 74 | D-state effects in the electromagnetic $N \rightarrow \Delta^+$ transition. Physical Review D, 2008, 78, .   | 1.6  | 61        |
| 75 | Pure $S$ -wave covariant model for the nucleon. Physical Review C, 2008, 77, .   | 1.1  | 77        |
| 76 | On the physics behind the form factor ratio $\frac{\hat{\Gamma}_4^p}{\hat{\Gamma}_4^d} \frac{G_E^p}{G_E^d} \frac{G_M^p}{G_M^d} \frac{G_A^p}{G_A^d} \frac{G_P^p}{G_P^d}$ . Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 125003.  | 1.6  | 4         |
| 77 | Rosenbluth nonlinearity from two-photon exchange. Physical Review D, 2008, 77, .   | 1.6  | 4         |
| 78 | Phenomenological insight into the space-like proton elastic form factor using the deuteron impulse approximation. Physical Review C, 2008, 78, .   | 1.1  | 3         |
| 79 | Analyzing power in elastic scattering of electrons off a spin-0 target. Physical Review C, 2008, 77, .   | 1.1  | 27        |
| 80 | Isospin-symmetry breaking effects on the strange electric and magnetic form factors of the nucleon. Physical Review C, 2008, 78, .   | 1.1  | 5         |
| 81 | Two-component model for the axial form factor of the nucleon. Physical Review C, 2008, 78, .   | 1.1  | 23        |
| 82 | Nucleon Distribution Amplitudes from Lattice QCD. Physical Review Letters, 2008, 101, 112002.  | 2.9  | 34        |
| 83 | Hadron structure at low $Q^2$ . Reviews of Modern Physics, 2008, 80, 731-785.  | 16.4 | 36        |
| 84 | Two-Photon Exchange in Elastic Electron-Proton Scattering: A QCD Factorization Approach. Physical Review Letters, 2009, 103, 092004.   | 2.9  | 61        |
| 85 | Nucleon distribution amplitudes and their application to nucleon form factors and the $N \rightarrow \Delta^+$ transition at intermediate values of $Q^2$ . Physical Review D, 2009, 79, .   | 1.6  | 26        |
| 86 | Exchange current contributions in null-plane quantum models of elastic electron-deuteron scattering. Physical Review C, 2009, 80, .  | 1.1  | 9         |
| 87 | Electromagnetic form factors of the nucleon: New fit and analysis of uncertainties. Physical Review C, 2009, 79, .   | 1.1  | 65        |
| 88 | Non-spherical proton shape and hydrogen hyperfine splitting This paper was presented at the International Conference on Precision Physics of Simple Atomic Systems, held at University of Windsor, Windsor, Ontario, Canada on 21-26 July 2008.. Canadian Journal of Physics, 2009, 87, 773-783. | 0.4  | 9         |
| 89 | THE BLAST EXPERIMENT: POLARIZED ELECTRON SCATTERING FROM HYDROGEN AND DEUTERIUM. Modern Physics Letters A, 2009, 24, 875-880.  | 0.5  | 0         |
| 90 | NEW RESULTS FROM THE BATES LARGE ACCEPTANCE SPECTROMETER TOROID (BLAST). International Journal of Modern Physics E, 2009, 18, 209-219.   | 0.4  | 1         |



| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 109 | Elastic electron-deuteron scattering beyond one-photon exchange. <i>Physical Review C</i> , 2010, 81, .   | 1.1 | 10        |
| 110 | Two-photon exchange corrections to the pion form factor. <i>Physical Review C</i> , 2010, 81, .   | 1.1 | 17        |
| 111 | High- $Q^2$ measurements of the electromagnetic form factors in the relativistic hypercentral constituent quark model. <i>Physical Review C</i> , 2010, 82, .                             | 1.1 | 20        |
| 112 | Role of mesons in the electromagnetic form factors of the nucleon. <i>Physical Review C</i> , 2010, 82, .   | 1.1 | 27        |
| 113 | Nucleon structure from mixed action calculations using $2+1$ flavors of asqtad sea and domain wall valence fermions. <i>Physical Review D</i> , 2010, 82, .                               | 1.6 | 195       |
| 114 | Nucleon electromagnetic form factors from lattice QCD using $2+1$ flavor domain wall fermions on fine lattices and chiral perturbation theory. <i>Physical Review D</i> , 2010, 81, .     | 1.6 | 66        |
| 115 | Recoil Polarization Measurements of the Proton Electromagnetic Form Factor Ratio to $2Q^2$ . <i>Physical Review Letters</i> , 2010, 104, 242301.  | 2.9 | 225       |
| 116 | Spin-Dependent Electron Scattering from Polarized Protons and Deuterons with the BLAST Experiment at MIT-Bates. <i>Annual Review of Nuclear and Particle Science</i> , 2011, 61, 409-433. | 3.5 | 22        |
| 117 | Nucleon Form Factors – A Jefferson Lab Perspective. <i>Journal of Physics: Conference Series</i> , 2011, 299, 012002.   | 0.3 | 31        |
| 118 | Low- $Q^2$ measurements of the proton form factor ratio $\frac{G_E}{G_M}$ at low $Q^2$ . <i>Physical Review C</i> , 2011, 84, .   | 1.1 | 84        |
| 119 | Flavor Decomposition of the Elastic Nucleon Electromagnetic Form Factors. <i>Physical Review Letters</i> , 2011, 106, 252003.   | 2.9 | 117       |
| 120 | Implications of the new proton charge rms radius from spectroscopy of muon hydrogen atom. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2011, 219-220, 178-184.            | 0.5 | 3         |
| 121 | High-precision measurement of the proton elastic form factor ratio $\frac{G_E}{G_M}$ at low $Q^2$ . <i>Physical Review C</i> , 2011, 84, .  | 1.5 | 161       |
| 122 | Review of two-photon exchange in electron scattering. <i>Progress in Particle and Nuclear Physics</i> , 2011, 66, 782-833.  | 5.6 | 143       |
| 123 | Determination of two-photon exchange amplitudes from elastic electron-proton scattering data. <i>European Physical Journal A</i> , 2011, 47, 1.   | 1.0 | 37        |
| 124 | Effects of a spin-flavour-dependent interaction on the baryon mass spectrum. <i>European Physical Journal A</i> , 2011, 47, 1.  | 1.0 | 22        |
| 125 | Hadron physics at low energies. <i>European Physical Journal: Special Topics</i> , 2011, 198, 3-17.   | 1.2 | 1         |
| 126 | Elastic form factor experiments: a serial story. <i>Hyperfine Interactions</i> , 2011, 201, 1-6.  | 0.2 | 0         |



| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 127 | Precision Measurement of $\mu G_{E}^p/G_{M}^p$ at Low Q <sup>2</sup> . Few-Body Systems, 2011, 50, 451-453.   | 0.7 | 2         |
| 128 | Nucleon form factor studies at JLab. Applied Radiation and Isotopes, 2011, 69, 1125-1127.   | 0.7 | 0         |
| 129 | Polarization observables in deuteron photodisintegration below 360 MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 194-198. | 1.5 | 4         |
| 130 | The nucleon wave function at the origin. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 169-173.                                | 1.5 | 8         |
| 131 | Model dependence of the $\hat{I}^3$ dispersion correction to the parity-violating asymmetry in elastic scattering. Physical Review C, 2011, 84, .                             | 1.1 | 63        |
| 132 | Study of two-photon corrections in the $e^+e^- \rightarrow e^+e^-p$ process: Hard rescattering mechanism. Physical Review D, 2011, 83, .                                      | 1.6 | 6         |
| 133 | Nucleon electromagnetic form factors from the covariant Faddeev equation. Physical Review D, 2011, 84, .  | 1.6 | 101       |
| 134 | Search for Effects Beyond the Born Approximation in Polarization Transfer Observables in Elastic Scattering. Physical Review Letters, 2011, 106, 132501.                      | 2.9 | 80        |
| 135 | Empirical parametrization of the two-photon-exchange effect contributions to the electron-proton elastic scattering cross section. Physical Review C, 2011, 83, .             | 1.1 | 18        |
| 136 | Soft spectator scattering in the nucleon form factors at large $Q^2$ within the soft-collinear effective theory approach. Physical Review D, 2011, 83, .                      | 1.6 | 21        |
| 137 | Precise Extraction of the Induced Polarization in the $^4\text{He}$ elastic scattering. Physical Review D, 2011, 83, .  | 2.9 | 27        |
| 138 | Einstein's hydrogen atom. , 2011, , .   |     | 0         |
| 139 | Lorentz Harmonics, Squeeze Harmonics and Their Physical Applications. Symmetry, 2011, 3, 16-36.   | 1.1 | 6         |
| 140 | Nucleon form factors and spin content in a quark-diquark model with a pion cloud. Physical Review C, 2012, 86, .  | 1.1 | 50        |
| 141 | Nucleon structure including high Fock states in AdS/QCD. Physical Review D, 2012, 86, .   | 1.6 | 68        |
| 142 | Precise form factors from elastic electron scattering. Journal of Physics: Conference Series, 2012, 381, 012006.  | 0.3 | 2         |
| 143 | Final analysis of proton form factor ratio data at 4.8, and 5.6 GeV. Physical Review C, 2012, 85, .   | 1.1 | 132       |
| 144 | Flavor decomposition of the nucleon electromagnetic form factors. Physical Review C, 2012, 86, .  | 1.1 | 49        |





| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 181 | Electromagnetic structure of the nucleon and the Roper resonance in a light-front quark approach. Physical Review D, 2014, 89, .   | 1.6 | 19        |
| 182 | The OLYMPUS experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 741, 1-17.                | 0.7 | 31        |
| 183 | Explanation and prediction of observables using continuum strong QCD. Progress in Particle and Nuclear Physics, 2014, 77, 1-69.  | 5.6 | 246       |
| 184 | The proton form factor measurements at Jefferson Lab, past and future. Physics of Particles and Nuclei, 2014, 45, 163-166.   | 0.2 | 2         |
| 185 | Measurement of analyzing power for the reaction $\vec{p} + \text{CH}_2$ at polarized proton momentum of 7.5 GeV/c (ALPOM2 proposal). Physics of Particles and Nuclei, 2014, 45, 330-332. | 0.2 | 2         |
| 186 | Light-front quark model consistent with Drell-Yan-West duality and quark counting rules. Physical Review D, 2014, 89, .  | 1.6 | 79        |
| 187 | Nucleon electromagnetic form factors from lattice QCD using a nearly physical pion mass. Physical Review D, 2014, 90, .  | 1.6 | 68        |
| 188 | Electric and magnetic form factors of the proton. Physical Review C, 2014, 90, .   | 1.1 | 224       |
| 189 | Electric form factors of the octet baryons from lattice QCD and chiral extrapolation. Physical Review D, 2014, 90, .   | 1.6 | 35        |
| 190 | A new event generator for the elastic scattering of charged leptons on protons. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115001.                                    | 1.4 | 33        |
| 191 | Alternative way to understand the unexpected results of the JLab polarization experiments to measure the Sachs form factors ratio. Physical Review D, 2014, 89, .                        | 1.6 | 8         |
| 192 | The Proton Form Factor Ratio Measurements at Jefferson Lab. EPJ Web of Conferences, 2014, 66, 06019.   | 0.1 | 5         |
| 193 | Up- and Down-Quark Contributions to the Nucleon Form Factors. EPJ Web of Conferences, 2014, 66, 06020.   | 0.1 | 5         |
| 194 | Nucleon Properties in AdS/QCD models with several Fock States. Nuclear and Particle Physics Proceedings, 2015, 267-269, 222-226.   | 0.2 | 1         |
| 195 | Radiative transition of negative to positive parity nucleon. Physical Review D, 2015, 91, .  | 1.6 | 7         |
| 196 | Nucleon electromagnetic form factors in two-flavor QCD. Physical Review D, 2015, 92, .   | 1.6 | 48        |
| 197 | Polarization Transfer in Wide-Angle Compton Scattering and Single-Pion Photoproduction from the Proton. Physical Review Letters, 2015, 115, 152001.                                      | 2.9 | 7         |
| 198 | Generalized parton distributions and transverse densities in a light-front quark-diquark model for the nucleons. European Physical Journal C, 2015, 75, 1.                               | 1.4 | 56        |





| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 235 | Polarization transfer observables in elastic electron-proton scattering at $Q^2$ , 5.2, 6.8, and 8.5 $\text{GeV}^2$ . <a href="https://arxiv.org/abs/1707.06006">https://arxiv.org/abs/1707.06006</a> . Physical Review Letters, 2017, 118, 11. | 1.1 | 59        |
| 236 | Proton charge radius from electron-proton scattering: Full dispersive treatment of $\pi$ -proton scattering. Full dispersive treatment of $\pi$ -proton scattering. Physical Review D, 2017, 96, .  | 1.6 | 20        |
| 237 | Mass and magnetic dipole moment of negative-parity heavy baryons with spin-3/2. European Physical Journal Plus, 2017, 132, 1.   | 1.2 | 11        |
| 238 | Measurement of two-photon exchange effect by comparing elastic $e$ - $p$ cross sections. Physical Review C, 2017, 95, .   | 1.1 | 17        |
| 239 | Electromagnetic and axial-vector form factors of the quarks and nucleon. International Journal of Modern Physics A, 2017, 32, 1750185.  | 0.5 | 5         |
| 240 | Electromagnetic form factors at large momenta from lattice QCD. Physical Review D, 2017, 96, .  | 1.6 | 37        |
| 241 | Study of the in-medium nucleon electromagnetic form factors using a light-front nucleon wave function combined with the quark-meson coupling model. Nuclear Physics A, 2018, 970, 325-352.  | 0.6 | 8         |
| 242 | Electromagnetic structure of nucleon and Roper in soft-wall AdS/QCD. Physical Review D, 2018, 97, .   | 1.6 | 30        |
| 243 | Dispersion relation formalism for the two-photon exchange correction to elastic muon-proton scattering: elastic intermediate state. European Physical Journal C, 2018, 78, 1.   | 1.4 | 19        |
| 244 | Two-Photon Exchange: Future Experimental Prospects. Few-Body Systems, 2018, 59, 1.  | 0.7 | 1         |
| 245 | Border and skewness functions from a leading order fit to DVCS data. European Physical Journal C, 2018, 78, 1.  | 1.4 | 38        |
| 246 | Polarization observables using positron beams. AIP Conference Proceedings, 2018, , .  | 0.3 | 2         |
| 247 | Measurement of TPE with electron/positron elastic scattering off the proton. AIP Conference Proceedings, 2018, , .  | 0.3 | 1         |
| 248 | Super-Rosenbluth measurements with electrons and protons. AIP Conference Proceedings, 2018, , .   | 0.3 | 1         |
| 249 | Flavor structure of the nucleon electromagnetic form factors and transverse charge densities in the chiral quark-soliton model. Progress of Theoretical and Experimental Physics, 2018, 2018, .   | 1.8 | 4         |
| 250 | Nucleon form factors in generalized parton distributions at high momentum transfers. Physical Review C, 2018, 97, .   | 1.1 | 7         |
| 251 | Proton Charge Radius from Electron Scattering. Atoms, 2018, 6, 2.   | 0.7 | 23        |
| 252 | Nucleon Viewed as a Borromean Bound-State. Few-Body Systems, 2018, 59, 1.   | 0.7 | 1         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 253 | Positron beams and two-photon exchange: The key to precision form factors. AIP Conference Proceedings, 2018, , .   | 0.3 | 1         |
| 254 | Opposite-parity contaminations in lattice nucleon form factors. Physical Review D, 2019, 99, .   | 1.6 | 9         |
| 255 | The contribution of valence quarks in the nucleon GE and GM. International Journal of Modern Physics A, 2019, 34, 1950148.   | 0.5 | 3         |
| 256 | The spin structure of the nucleon. Reports on Progress in Physics, 2019, 82, 076201.   | 8.1 | 67        |
| 257 | Generalized Sachs Form Factors and the Possibility of Their Measurement in Processes without and with Proton Spin Flip. JETP Letters, 2019, 110, 646-653.  | 0.4 | 4         |
| 258 | Elastic electromagnetic form factors of vector mesons. Physical Review D, 2019, 100, .   | 1.6 | 33        |
| 259 | Selected Science Opportunities for the EicC. Few-Body Systems, 2020, 61, 1.  | 0.7 | 56        |
| 260 | Nucleon electromagnetic form factors in the continuum limit from ( $T_j$ ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 472 Td )   | 1.6 | 37        |
| 261 | Empirical Consequences of Emergent Mass. Symmetry, 2020, 12, 1468.   | 1.1 | 68        |
| 262 | Two-photon exchange from intermediate state resonances in elastic electron-proton scattering. Physical Review C, 2020, 102, .  | 1.1 | 14        |
| 263 | Nucleon elastic form factors at accessible large spacelike momenta. Physical Review D, 2020, 102, .  | 1.6 | 29        |
| 264 | Parametrization and applications of the low- $Q^2$ nucleon vector form factors. Physical Review D, 2020, 102, .  | 1.6 | 27        |
| 265 | Suppression of hard two-photon-exchange contributions to $R_{ep}$ elastic scattering cross-section ratios: A phenomenological approach. Physical Review C, 2020, 101, .                          | 1.1 | 14        |
| 266 | Decuplet baryons in nuclear and hyperonic medium. European Physical Journal Plus, 2020, 135, 1.  | 1.2 | 4         |
| 267 | Polarization transfer to bound protons measured by quasielastic electron scattering on $^{12}\text{C}$ . Physical Review C, 2020, 101, .   | 1.1 | 6         |
| 268 | Proton form factor ratio $R_{ep}$ from double spin asymmetry. Physical Review C, 2020, 101, .  | 1.1 | 1         |
| 269 | Measurement of neutron and proton analyzing powers on C, CH, $^{12}\text{C}$ and Cu targets in the momentum region $3 \leq q \leq 4.2 \text{ GeV/c}$ . European Physical Journal A, 2020, 56, 1. | 1.0 | 5         |
| 270 | Extraction of elastic scattering cross-section ratio $R_{ep}$ from $^{12}\text{C}$ elastic scattering experimental data. Physical Review C, 2021, 103, .   | 1.1 | 1         |



| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
| 271 | Measurement of the Charge-Averaged Elastic Lepton-Proton Scattering Cross Section by the OLYMPUS Experiment. <i>Physical Review Letters</i> , 2021, 126, 162501.   | 2.9  | 8         |
| 272 | Isovector electromagnetic form factors of the nucleon from lattice QCD and the proton radius puzzle. <i>Physical Review D</i> , 2021, 103, .   | 1.6  | 22        |
| 273 | On the Transfer of Polarization from the Initial to the Final Proton in the Elastic Process $e\vec{e} + p \rightarrow e\vec{e} + p$ . <i>JETP Letters</i> , 2021, 113, 555-562.  | 0.4  | 3         |
| 274 | New extraction of the $R_{ep}$ elastic scattering cross-section ratio based on a simplified phenomenological hard two-photon-exchange correction approach. <i>Physical Review C</i> , 2021, 103, .                       | 1.1  | 1         |
| 275 | Polarization transfer in $e^+p \rightarrow e^+ + \vec{p}$ scattering using the Super BigBite Spectrometer. <i>European Physical Journal A</i> , 2021, 57, 1.   | 1.0  | 3         |
| 276 | Proton and neutron form factors with quark orbital excitations. <i>European Physical Journal A</i> , 2021, 57, 1.  | 1.0  | 1         |
| 277 | An experimental program with high duty-cycle polarized and unpolarized positron beams at Jefferson Lab. <i>European Physical Journal A</i> , 2021, 57, 1.  | 1.0  | 17        |
| 278 | Feasibility studies for the measurement of time-like proton electromagnetic form factors from $p \rightarrow \mu^+ \mu^-$ at $\overline{\text{P}}\text{ANDA}$ at FAIR. <i>European Physical Journal A</i> , 2021, 57, 1. | 1.0  | 7         |
| 279 | Axial and pseudoscalar form factors from charged current quasielastic neutrino-nucleon scattering. <i>Physical Review D</i> , 2021, 103, .   | 1.6  | 7         |
| 280 | The proton size. <i>Nature Reviews Physics</i> , 2020, 2, 601-614.   | 11.9 | 42        |
| 281 | Hadronic footprint of GeV-mass dark matter. <i>SciPost Physics</i> , 2020, 8, .  | 1.5  | 11        |
| 282 | Results from the OLYMPUS Experiment on the Contribution of Hard Two-Photon Exchange to Elastic Electron-Proton Scattering. , 2018, , .   |      | 1         |
| 283 | Polymer Architectures for Optical and Photonic Applications. , 0, , .  |      | 0         |
| 284 | Direct TPE measurement via $e^+p \rightarrow e^-p$ scattering at low $\epsilon$ in Hall A. <i>European Physical Journal A</i> , 2021, 57, 1.   | 1.0  | 3         |
| 285 | Beam normal spin asymmetries: Theory. , 2007, , 123-129.   |      | 0         |
| 286 | Nucleon form factors and the BLAST experiment. , 2007, , 107-111.  |      | 0         |
| 288 | Nucleon electroweak form factors in a meson-cloud model. , 2008, , 240-242.  |      | 0         |
| 291 | Elastic form factor experiments: a serial story. , 2011, , 77-82.  |      | 0         |

| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
| 292 | Form Factors of the Proton and Neutron. Springer Theses, 2019, , 89-122.   | 0.0  | 0         |
| 293 | Prediction of neutron electromagnetic form factors behaviors just by the proton electromagnetic form factors data. European Physical Journal A, 2021, 57, 1.   | 1.0  | 1         |
| 294 | DAFNE2: Prospects for $e^+e^-$ Physics at Frascati. , 2008, , 297-301.   |      | 0         |
| 295 | The beauty of the electromagnetic probe. , 0, , 1-5.   |      | 0         |
| 296 | Nucleon form factors and the BLAST experiment. , 2007, , 239-243.  |      | 0         |
| 297 | A measurement of two-photon exchange in Super-Rosenbluth separations with positron beams. European Physical Journal A, 2021, 57, 1.  | 1.0  | 2         |
| 298 | Nucleon structure from basis light-front quantization. Physical Review D, 2021, 104, .   | 1.6  | 31        |
| 299 | The proton charge radius. Reviews of Modern Physics, 2022, 94, .   | 16.4 | 50        |
| 300 | Proton Electromagnetic Form Factors in the Time-like Region through the Scan Technique. Symmetry, 2022, 14, 231.   | 1.1  | 8         |
| 301 | Electromagnetic form factors in noncommutative space time. European Physical Journal C, 2022, 82, 1.   | 1.4  | 3         |
| 302 | Reliability Analysis of the Results of the Known Experiments on Measuring of the Sachs Form Factor Ratio Using the Rosenbluth Technique. Polarization of the Final Proton in the $e^+e^- \rightarrow e^+e^-p^0$ Elastic Process. Physics of Particles and Nuclei Letters, 2022, 19, 26-36. | 0.1  | 2         |
| 303 | Form Factors and Two-Photon Exchange in High-Energy Elastic Electron-Proton Scattering. Physical Review Letters, 2022, 128, 102002.  | 2.9  | 8         |
| 305 | Nucleon axial-vector and pseudoscalar form factors and PCAC relations. Physical Review D, 2022, 105, .   | 1.6  | 15        |
| 306 | On a Description of the Nucleon Electromagnetic Structure by Effective Proton and Neutron form Factors. Physics of Particles and Nuclei, 2022, 53, 815-819.  | 0.2  | 0         |
| 307 | Theory of QED radiative corrections to neutrino scattering at accelerator energies. Physical Review D, 2022, 106, .  | 1.6  | 10        |
| 308 | Search for Damped Oscillating Structures from Charged Pion Electromagnetic Form Factor Data. Dynamics, 2023, 3, 137-151.   | 0.5  | 1         |
| 309 | Proton Electric Charge Radius from Lepton Scattering. Universe, 2023, 9, 182.  | 0.9  | 5         |