

# Proton and neutron electromagnetic form factors from

Physical Review D

100,

DOI: [10.1103/physrevd.100.014509](https://doi.org/10.1103/physrevd.100.014509)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Hadrons and nuclei. European Physical Journal A, 2019, 55, 1.	1.0	58
2	Confinement in Nuclei and the Expanding Proton. Physical Review Letters, 2019, 123, 232003.	2.9	7
3	Analysis of excited quark propagator effects on neutron charge form factor. European Physical Journal A, 2019, 55, 1.	1.0	2
4	Nucleon strange electromagnetic form factors. Physical Review D, 2020, 101, .	1.6	16
5	Nucleon electromagnetic form factors in the continuum limit from ( $\langle \mathcal{T} \rangle$ )	1.6	37
6	Moments of nucleon generalized parton distributions from lattice QCD simulations at physical pion mass. Physical Review D, 2020, 101, .	1.6	32
7	Proton structure from a light-front Hamiltonian. Physical Review D, 2020, 102, .	1.6	32
8	Finite temperature QCD with $N_f=2+1+1$ Wilson twisted mass fermions at physical pion, strange and charm masses. European Physical Journal A, 2020, 56, 1.	1.0	6
9	Parton distribution functions of $\langle \mathcal{T} \rangle$ on the lattice. Physical Review D, 2020, 102, .	1.6	34
10	Nucleon axial, tensor, and scalar charges and $\langle \mathcal{T} \rangle$ -terms in lattice QCD. Physical Review D, 2020, 102, .	1.6	68
11	Complete flavor decomposition of the spin and momentum fraction of the proton using lattice QCD simulations at physical pion mass. Physical Review D, 2020, 101, .	1.6	69
12	Model-independent determination of the nucleon charge radius from lattice QCD. Physical Review D, 2020, 101, .	1.6	15
13	Quasielastic lepton scattering and back-to-back nucleons in the short-time approximation. Physical Review C, 2020, 101, .	1.1	25
14	Properties of the Sachs electric form factor of the proton on the basis of recent $e^-p$ scattering experiments and hydrogen spectroscopy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135373.	1.5	6
15	Nuclear matrix elements from lattice QCD for electroweak and beyond-Standard-Model processes. Physics Reports, 2021, 900, 1-74.	10.3	39
16	Excited states in nucleon structure calculations. European Physical Journal A, 2021, 57, 50.	1.0	12
17	Flavor nonsinglet parton distribution functions from lattice QCD at physical quark masses via the pseudodistribution approach. Physical Review D, 2021, 103, .	1.6	35
18	Charge radii of the nucleon from its flavor dependent Dirac form factors. European Physical Journal A, 2021, 57, 1.	1.0	14

#	ARTICLE	IF	CITATIONS
19	Nucleon axial and pseudoscalar form factors from lattice QCD at the physical point. Physical Review D, 2021, 103, .	1.6	35
20	Quasielastic electromagnetic scattering cross sections and world data comparisons in the GENIE MonteCarlo event generator. Physical Review D, 2021, 103, .	1.6	5
21	Flavor Decomposition for the Proton Helicity Parton Distribution Functions. Physical Review Letters, 2021, 126, 102003.	2.9	24
22	Neutron electric dipole moment using lattice QCD simulations at the physical point. Physical Review D, 2021, 103, .	1.6	12
23	Isovector electromagnetic form factors of the nucleon from lattice QCD and the proton radius puzzle. Physical Review D, 2021, 103, .	1.6	22
24	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle N \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \tilde{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -state contamination in lattice calculations of the nucleon electromagnetic form factors. Physical Review D, 2021, 103, .	1.6	6
25	Contribution of the QCD $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi mathvariant="normal"} \rangle \tilde{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -term to the nucleon electric dipole moment. Physical Review D, 2021, 103, .	1.6	12
26	Proton and neutron form factors with quark orbital excitations. European Physical Journal A, 2021, 57, 1.	1.0	1
27	Flavor decomposition of the nucleon unpolarized, helicity, and transversity parton distribution functions from lattice QCD simulations. Physical Review D, 2021, 104, .	1.6	21
28	The proton radius (puzzle?) and its relatives. Progress in Particle and Nuclear Physics, 2021, 121, 103901.	5.6	15
29	Recent highlights with baryons from lattice QCD. EPJ Web of Conferences, 2020, 241, 02004.	0.1	1
30	Frontiers in lattice nucleon structure. International Journal of Modern Physics A, 2020, 35, 2030006.	0.5	14
31	Nucleon Structure from Lattice QCD Calculations. , 2019, , .		1
32	Calculation of the derivative of nucleon form factors in $N_f=2+1$ lattice QCD at $M_l=138$ MeV on a $(5.5 \text{ fm})^3$ volume. Physical Review D, 2021, 104, .	1.6	10
33	Quark flavor decomposition of the nucleon axial form factors. Physical Review D, 2021, 104, .	1.6	8
34	Recent progress on the study of nucleon structure from lattice QCD and future perspectives. SciPost Physics Proceedings, 2020, , .	0.2	0
35	Nucleon Tomography and Generalized Parton Distribution at Physical Pion Mass from Lattice QCD. Physical Review Letters, 2021, 127, 182001.	2.9	27
36	Nucleon structure from basis light-front quantization. Physical Review D, 2021, 104, .	1.6	31

#	ARTICLE	IF	CITATIONS
37	The proton charge radius. Reviews of Modern Physics, 2022, 94, .	16.4	50
38	Precision nucleon charges and form factors using ( $\langle \mathbf{T}_j \rangle$ ) .	1.6	35
39	Timelike nucleon electromagnetic form factors: All about interference of isospin amplitudes. Physical Review D, 2022, 105, .	1.6	9
40	Isoscalar electromagnetic form factors of the nucleon in $N_{\text{f}} = 2 + 1$ lattice QCD. , 2022, , .		0
41	Angular momentum and generalized parton distributions for the proton with basis light-front quantization. Physical Review D, 2022, 105, .	1.6	14
42	Exclusive lepton pair production at the electron-positron collider. European Physical Journal C, 2022, 82, .	1.4	0
43	Hadron Spectroscopy and Structure from Lattice QCD. Few-Body Systems, 2022, 63, .	0.7	4
44	FLAG Review 2021. European Physical Journal C, 2022, 82, .	1.4	218
45	Generalized parton distributions from lattice QCD with asymmetric momentum transfer: Unpolarized quarks. Physical Review D, 2022, 106, .	1.6	17
46	Pion and nucleon relativistic electromagnetic four-current distributions. Physical Review D, 2022, 106, .	1.6	9
47	Precision studies of QCD in the low energy domain of the EIC. Progress in Particle and Nuclear Physics, 2023, 131, 104032.	5.6	19
48	Proton Electric Charge Radius from Lepton Scattering. Universe, 2023, 9, 182.	0.9	5
54	50 Years of quantum chromodynamics. European Physical Journal C, 2023, 83, .	1.4	8