

Ping Wang

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,832
citations

567281

15
h-index

330143

37
g-index

39
all docs

39
docs citations

39
times ranked

1108
citing authors

#	ARTICLE	IF	CITATIONS
1	Sea quark contributions to the electromagnetic form factors of Λ hyperons. Physical Review D, 2022, 105, .	4.7	0
2	Helicity-dependent distribution of strange quarks in the proton from nonlocal chiral effective theory. Physical Review D, 2022, 105, .	4.7	3
3	Color confinement, dark matter and the missing anti-matter. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 105002.	3.6	1
4	Chiral extrapolation of the charged-pion magnetic polarizability with Padé approximant. Physical Review D, 2021, 104, .	4.7	4
5	Electromagnetic form factors of octet baryons with the nonlocal chiral effective theory. Physical Review D, 2020, 102, .	4.7	8
6	Sea quark contributions to nucleon electromagnetic form factors with the nonlocal chiral effective Lagrangian. Chinese Physics C, 2020, 44, 053101.	3.7	1
7	Pauli form factors of electron and muon in nonlocal quantum electrodynamics. European Physical Journal Plus, 2020, 135, 1.	2.6	7
8	Chiral extrapolation of the magnetic polarizability of the neutral pion. Physical Review D, 2020, 102, .	4.7	2
9	Strange quark helicity in the proton from chiral effective theory. Physical Review D, 2020, 102, .	4.7	5
10	Contribution of the vector meson to the Λ distribution functions of sea quarks in a proton with the chiral Lagrangian. Physical Review D, 2019, 100, .	4.7	6
11	Parton distributions from nonlocal chiral SU(3) effective theory: Splitting functions. Physical Review D, 2019, 99, .	4.7	18
12	Parton distributions from nonlocal chiral SU(3) effective theory: Flavor asymmetries. Physical Review D, 2019, 100, .	4.7	14
13	Nucleon electromagnetic form factors with a nonlocal chiral effective Lagrangian. Physical Review D, 2018, 97, .	4.7	15
14	Phenomenological study on the decay widths of $\Upsilon(2380)$. Chinese Physics C, 2018, 42, 064102.	3.7	4
15	Strange form factors of the nucleon with a nonlocal chiral effective Lagrangian. Physical Review D, 2018, 98, .	4.7	11
16	Dirac and Pauli form factors of nucleons using nonlocal chiral effective Lagrangian. Chinese Physics C, 2017, 41, 114106.	3.7	1
17	Chiral extrapolation of nucleon axial charge g_A in effective field theory. Chinese Physics C, 2016, 40, 123106.	3.7	5

#	ARTICLE	IF	CITATIONS
19	Constraints on the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="sil.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{s} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\text{a}} \langle \text{mml:mo} \rangle \langle \text{mml:mover accent="true" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{s} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo stretchy="false" \rangle \hat{\text{A}} \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ asymmetry of the proton in chiral effective theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 52-56.	4.1	19
20	Spin of the proton in chiral effective field theory. Physical Review C, 2016, 93, .	2.9	13
21	Strange-quark asymmetry in the proton in chiral effective theory. Physical Review D, 2016, 94, .	4.7	24
22	Pure sea-quark contributions to the magnetic form factors of Σ baryons. Physical Review D, 2015, 92, .	4.7	8
23	Unified Hamiltonian model for mesons and baryons. Chinese Physics C, 2015, 39, 053102.	3.7	0
24	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mover accent="true" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{d} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo stretchy="false" \rangle \hat{\text{A}} \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mo} \rangle \hat{\text{a}} \langle \text{mml:mo} \rangle \langle \text{mml:mover accent="true" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{u} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo stretchy="false" \rangle \hat{\text{A}} \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Asymmetry in the Pr	7.8	37
25	Solid quantization for nonpoint particles. Canadian Journal of Physics, 2014, 92, 25-30.	1.1	8
26	Nucleon magnetic form factors with non-local chiral effective Lagrangian. European Physical Journal A, 2014, 50, 1.	2.5	4
27	Strange magnetic form factor of the nucleon in a chiral effective model at next to leading order. Physical Review D, 2014, 89, .	4.7	22
28	Study of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \text{e} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{mathvariant="bold" \rangle} + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \text{e} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{mathvariant="bold" \rangle} \hat{\text{a}} \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \rangle \hat{\text{a}} \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \text{i} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{mathvariant="bold" \rangle} + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \text{i} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{mathvariant="bold" \rangle} \hat{\text{a}} \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{i} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ and	7.8	617
29	Tetraquarks, hadronic molecules, meson-meson scattering, and disconnected contributions in lattice QCD. Physical Review D, 2013, 88, .	4.7	21
30	Chiral extrapolation of nucleon magnetic moments at next-to-leading-order. Physical Review D, 2012, 86, .	4.7	16
31	Observation of Two Charged Bottomoniumlike Resonances in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle \hat{\text{Y}} \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false" \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 5 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle \text{S} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2$	7.8	521
32	New quantization conditions for field theory without divergence. Chinese Physics C, 2011, 35, 223-227.	3.7	5
33	First moments of nucleon generalized parton distributions. Physical Review D, 2010, 81, .	4.7	18
34	Strange magnetic form factor of the proton at $Q^2=0.23 \hat{\text{a}} \text{e}, \text{GeV}^2$. Physical Review C, 2009, 79, .	2.9	47
35	Chiral extrapolation of octet-baryon charge radii. Physical Review D, 2009, 79, .	4.7	47
36	Chiral extrapolation of nucleon magnetic form factors. Physical Review D, 2007, 75, .	4.7	50

#	ARTICLE	IF	CITATIONS
37	Strange Electric Form Factor of the Proton. Physical Review Letters, 2006, 97, 022001.	7.8	89
38	Pion and sigma meson properties in a relativistic quark model. Physical Review D, 2003, 68, .	4.7	87
39	Strange nucleon form factors in the perturbative chiral quark model. Physical Review C, 2002, 66, .	2.9	70