Zhu-Fang Cui

List of Publications by Year
in descending order

57	1,455	279798	345221
papers	citations	23 h-index	36 g-index

57	57	57	463
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Revealing pion and kaon structure via generalised parton distributions *. Chinese Physics C, 2022, 46, 013105.	3.7	28
2	Semileptonic transitions: B()â€¯â†’â€¯Ï€(K); Dâ€¯â†’â€¯K; Dâ€¯â†’â€¯Ï€,K; and Kâ€¯â†’â€¯Ï€. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136793.	4.1	14
3	Concerning pion parton distributions. European Physical Journal A, 2022, 58, 1.	2.5	25
4	Valence Quark Ratio in the Proton. Chinese Physics Letters, 2022, 39, 041401.	3.3	15
5	Emergence of pion parton distributions. Physical Review D, 2022, 105, .	4.7	24
6	Higgs modulation of emergent mass as revealed in kaon and pion parton distributions. European Physical Journal A, 2021, 57, 1.	2.5	34
7	Contact interaction analysis of pion GTMDs. European Physical Journal C, 2021, 81, 1.	3.9	30
8	Masses of positive- and negative-parity hadron ground-states, including those with heavy quarks. European Physical Journal C, 2021, 81, 1.	3.9	32
9	Measures of pion and kaon structure from generalised parton distributions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136158.	4.1	20
10	Electron-ion collider in China. Frontiers of Physics, 2021, 16, 1.	5.0	208
11	Semileptonic Bâ€¯â†’â€¯Î·,J/Î transitions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 818, 136344.	4.1	16
12	Fresh Extraction of the Proton Charge Radius from Electron Scattering. Physical Review Letters, 2021, 127, 092001.	7.8	19
13	Dynamical diquarks in the $${varvec{gamma ^{(*)} pightarrow N(1535)rac{1}{2}^-}}$$ transition. European Physical Journal A, 2021, 57, 1.	2.5	16
14	Pion charge radius from pion+electron elastic scattering data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136631.	4.1	16
15	Vector-meson production and vector meson dominance. European Physical Journal C, 2021, 81, 1.	3.9	20
16	Heavy + light pseudoscalar meson semileptonic transitions. European Physical Journal C, 2021, 81, 1.	3.9	6
17	Pauli Radius of the Proton. Chinese Physics Letters, 2021, 38, 121401.	3.3	6
18	Effective charge from lattice QCD *. Chinese Physics C, 2020, 44, 083102.	3.7	66

#	Article	IF	Citations
19	Strong QCD from Hadron Structure Experiments. International Journal of Modern Physics E, 2020, 29, 2030006.	1.0	45
20	Nucleon-to-resonance form factors at large photon virtualities. AIP Conference Proceedings, 2020, , .	0.4	1
21	Semileptonic decays of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>D</mml:mi><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mi>s</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 657 Td (stretchy="false") 102, .	4.7	17
22	Kaon and pion parton distributions. European Physical Journal C, 2020, 80, 1.	3.9	65
23	Nucleon elastic form factors at accessible large spacelike momenta. Physical Review D, 2020, 102, .	4.7	29
24	Excited light baryons from quark-gluon-level calculations. , 2020, , .		0
25	New perspective on hybrid mesons. European Physical Journal A, 2019, 55, 1.	2.5	22
26	Structures of the strange quark stars within a quasiparticle model. Physical Review D, 2019, 99, .	4.7	17
27	Elastic electromagnetic form factors of vector mesons. Physical Review D, 2019, 100, .	4.7	33
28	Finite volume effects on the chiral phase transition from Dysonâ€“Schwinger equations of QCD. Nuclear Physics B, 2019, 938, 298-306.	2.5	21
29	Transition form factors. <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>I</mml:mi><mml:mo>"</mml:mo></mml:msup><mml:mo>+</mml:mo><mml:mi>p</mml:mi> stretchy="false">â†’</mml:mo><mml:mi mathvariant="normal">Î”</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1232</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 337 Td (stretchy="al xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="normal">Î" <	3.7	26
30	Wigner solution of the quark gap equation. European Physical Journal C, 2018, 78, 1.	3.9	14
31	A new algorithm towards a quasi-Wigner solution of the gap equation beyond the chiral limit. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 105001.	3.6	10
32	Proper time regularization and the QCD chiral phase transition. Scientific Reports, 2017, 7, 45937.	3.3	20
33	Finite-volume effects on phase transition in the Polyakov-loop extended Nambuâ€“Jona-Lasinio model with a chiral chemical potential. International Journal of Modern Physics A, 2017, 32, 1750067.	1.5	28
34	QCD phase diagram with a chiral chemical potential. Physical Review D, 2016, 93, .	4.7	19
35	Critical end point in the presence of a chiral chemical potential. Physical Review D, 2016, 94, .	4.7	31
36	Studies of Wigner-Weyl solution and external magnetic field in an NJL model. Physical Review D, 2016, 94, .	4.7	8

#	Article	IF	Citations
37	A Model-Independent Discussion of Quark Number Density and Quark Condensate at Zero Temperature and Finite Quark Chemical Potential. Chinese Physics Letters, 2015, 32, 121101.	3.3	1
38	Discussion of Various Susceptibilities within Thermal and Dense Quantum Chromodynamics. Chinese Physics Letters, 2015, 32, 121203.	3.3	5
39	Critical behaviors near the (tri-)critical end point of QCD within the NJL model. European Physical Journal C, 2015, 75, 1.	3.9	29
40	2+1 flavors QCD equation of state at zero temperature within Dysonâ€“Schwinger equations. International Journal of Modern Physics A, 2015, 30, 1550217.	1.5	12
41	Dynamical chiral symmetry breaking in the NJL model with a constant external magnetic field. Physical Review D, 2015, 91, .	4.7	21
42	Chiral phase transition with a chiral chemical potential in the framework of Dyson-Schwinger equations. Physical Review D, 2015, 91, .	4.7	63
43	Susceptibilities and critical exponents within the Nambuâ€“Jona-Lasinio model. International Journal of Modern Physics A, 2015, 30, 1550199.	1.5	10
44	Noncommutative field with constant background fields and neutral fermions. Physical Review D, 2015, 91, .	4.7	4
45	Effect of the chiral chemical potential on the position of the critical endpoint. Physical Review D, 2015, 91, .	4.7	39
46	Progress in vacuum susceptibilities and their applications to the chiral phase transition of QCD. Annals of Physics, 2015, 358, 172-205.	2.8	42
47	Dysonâ€“Schwinger Equations of Chiral Chemical Potential. Chinese Physics Letters, 2015, 32, 081101.	3.3	2
48	Nonlinear susceptibilities under the framework of Dyson-Schwinger equations. Physical Review D, 2014, 90, .	4.7	22
49	Influence of gauge boson mass on the staggered spin susceptibility. Physical Review D, 2014, 90, .	4.7	11
50	The Wigner solution and QCD phase transitions in a modified PNJL model. European Physical Journal C, 2014, 74, 1.	3.9	32
51	Locate QCD critical end point in a continuum model study. Journal of High Energy Physics, 2014, 2014, 1.	4.7	57
52	A Model Study of the Chiral Phase Diagram of QCD. Few-Body Systems, 2014, 55, 47-56.	1.5	10
53	The chiral phase transition of QED3 around the critical number of fermion flavors. Annals of Physics, 2014, 348, 306-314.	2.8	8
54	Continuum study of various susceptibilities within thermal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="bold">QED</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml: Physical Review D, 2014, 90, .	4.7	13

#	Article	IF	Citations
55	The two-flavor NJL model with two-cutoff proper time regularization. International Journal of Modern Physics Conference Series, 2014, 29, 1460232.	0.7	16
56	The Wigner solution of quark gap equation and chiral phase transition of QCD at finite temperature and nonzero chemical potential. European Physical Journal C, 2013, 73, 1.	3.9	35
57	Discussions on the crossover property within the Nambuâ€“Jona-Lasinio model. Physical Review D, 2013, 88, .	4.7	23