

Jian-Hui Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,502
citations

147801

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h-index

330143

37
g-index

40
all docs

40
docs citations

40
times ranked

532
citing authors

#	ARTICLE	IF	CITATIONS
1	A hybrid renormalization scheme for quasi light-front correlations in large-momentum effective theory. Nuclear Physics B, 2021, 964, 115311.	2.5	44
2	Electron-ion collider in China. Frontiers of Physics, 2021, 16, 1.	5.0	208
3	Distribution Amplitudes of K^* and \bar{K}^* at the Physical Pion Mass from Lattice QCD. Physical Review Letters, 2021, 127, 062002.	7.8	20
4	Large-momentum effective theory. Reviews of Modern Physics, 2021, 93, .	45.6	109
5	Self-renormalization of quasi-light-front correlators on the lattice. Nuclear Physics B, 2021, 969, 115443.	2.5	27
6	Parton distributions and lattice-QCD calculations: Toward 3D structure. Progress in Particle and Nuclear Physics, 2021, 121, 103908.	14.4	86
7	Valence-quark distribution of the kaon and pion from lattice QCD. Physical Review D, 2021, 103, .	4.7	45
8	Renormalization and mixing of staple-shaped Wilson line operators on the lattice revisited. Physical Review D, 2021, 104, .	4.7	8
9	Unpolarized isovector quark distribution function from lattice QCD: A systematic analysis of renormalization and matching. Physical Review D, 2020, 101, .	4.7	50
10	Pion generalized parton distribution from lattice QCD. Nuclear Physics B, 2020, 952, 114940.	2.5	53
11	Matching generalized parton quasidistributions in the RI/MOM scheme. Physical Review D, 2019, 100, .	4.7	44
12	First direct lattice-QCD calculation of the x -dependence of the pion parton distribution function. Physical Review D, 2019, 100, .	4.7	86
13	Symmetry properties of nonlocal quark bilinear operators on a Lattice (LP ³) Tj ETQq1 1 0.784314 rgBTJ Overlock 10 Tf 5 3.7 29	3.7	29
14	Complete matching for quasidistribution functions in large momentum effective theory. Physical Review D, 2019, 100, .	4.7	43
15	Transverse momentum dependent parton quasidistributions. Physical Review D, 2019, 99, .	4.7	40
16	Kaon distribution amplitude from lattice QCD and the flavor SU(3) symmetry. Nuclear Physics B, 2019, 939, 429-446.	2.5	56
17	Gaussian-weighted parton quasi-distribution (Lattice Parton Physics Project (LP3)). Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	29
18	Accessing Gluon Parton Distributions in Large Momentum Effective Theory. Physical Review Letters, 2019, 122, 142001.	7.8	64

#	ARTICLE	IF	CITATIONS
19	Power corrections and renormalons in parton quasidistributions. Physical Review D, 2019, 99, .	4.7	62
20	Parton distribution function with nonperturbative renormalization from lattice QCD. Physical Review D, 2018, 97, .	4.7	97
21	Renormalization in Large Momentum Effective Theory of Parton Physics. Physical Review Letters, 2018, 120, 112001.	7.8	106
22	Pion distribution amplitude from Euclidean correlation functions. European Physical Journal C, 2018, 78, 1.	3.9	63
23	Pion distribution amplitude from Euclidean correlation functions: Exploring universality and higher-twist effects. Physical Review D, 2018, 98, .	4.7	73
24	Proton Isovector Helicity Distribution on the Lattice at Physical Pion Mass. Physical Review Letters, 2018, 121, 242003.	7.8	73
25	Improved parton distribution functions at the physical pion mass. Physical Review D, 2018, 98, .	4.7	54
26	Parton distribution functions from reduced Ioffe-time distributions. Physical Review D, 2018, 97, .	4.7	42
27	Improved quasi parton distribution through Wilson line renormalization. Nuclear Physics B, 2017, 915, 1-9.	2.5	87
28	Pion distribution amplitude from lattice QCD. Physical Review D, 2017, 95, .	4.7	111
29	More on large-momentum effective theory approach to parton physics. Nuclear Physics B, 2017, 924, 366-376.	2.5	77
30	Title is missing!. , 2017, , .		0
31	Nucleon helicity and transversity parton distributions from lattice QCD. Nuclear Physics B, 2016, 911, 246-273.	2.5	164
32	Spin decomposition of the electron in QED. Physical Review D, 2016, 93, .	4.7	15
33	Proton Spin Structure from Large Momentum Effective Theory. Few-Body Systems, 2016, 57, 615-620.	1.5	0
34	One-loop matching for generalized parton distributions. Physical Review D, 2015, 92, .	4.7	85
35	One-loop matching for transversity generalized parton distribution. Physical Review D, 2015, 92, .	4.7	67
36	Renormalization of quasiparton distribution. Physical Review D, 2015, 92, .	4.7	64

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37	Proton Spin Sum Rule from Large Momentum Effective Field Theory. <i>Few-Body Systems</i> , 2015, 56, 469-474.	1.5	0
38	Justifying the naive partonic sum rule for proton spin. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 743, 180-183.	4.1	34
39	One-loop matching for parton distributions: Nonsinglet case. <i>Physical Review D</i> , 2014, 90, .	4.7	133
40	Physics of the Gluon-Helicity Contribution to Proton Spin. <i>Physical Review Letters</i> , 2013, 111, 112002.	7.8	54