

# Tianbo Liu

## List of Publications by Year in descending order

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24  
papers

610  
citations

759233

12  
h-index

610901

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24  
all docs

24  
docs citations

24  
times ranked

491  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron-ion collider in China. <i>Frontiers of Physics</i> , 2021, 16, 1.	5.0	208
2	Universality of Generalized Parton Distributions in Light-Front Holographic QCD. <i>Physical Review Letters</i> , 2018, 120, 182001.	7.8	102
3	Unveiling the nucleon tensor charge at Jefferson Lab: A study of the SoLID case. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 767, 91-98.	4.1	34
4	Quark Wigner distributions in a light-cone spectator model. <i>Physical Review D</i> , 2015, 91, .	4.7	28
5	Constraints on charm-anticharm asymmetry in the nucleon from lattice QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 808, 135633.	4.1	25
6	Baryon properties from light-front holographic QCD. <i>Physical Review D</i> , 2015, 92, .	4.7	24
7	Unified Description of Polarized and Unpolarized Quark Distributions in the Proton. <i>Physical Review Letters</i> , 2020, 124, 082003.	7.8	24
8	Search for a hidden strange baryon-meson bound state from $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ production in a nuclear medium. <i>Physical Review C</i> , 2017, 95, .	2.9	22
9	Nonperturbative strange-quark sea from lattice QCD, light-front holography, and meson-baryon fluctuation models. <i>Physical Review D</i> , 2018, 98, .	4.7	20
10	Experimental constraint on quark electric dipole moments. <i>Physical Review D</i> , 2018, 97, .	4.7	19
11	Gluon distributions and their applications to Ioffe-time distributions. <i>Physical Review D</i> , 2021, 103, .	4.7	17
12	Azimuthal asymmetries in lepton-pair production at a fixed-target experiment using the LHC beams (AFTER). <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	14
13	A new approach to semi-inclusive deep-inelastic scattering with QED and QCD factorization. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	11
14	Angular momentum decomposition from a QED example. <i>Physical Review D</i> , 2015, 91, .	4.7	10
15	Gluon matter distribution in the proton and pion from extended holographic light-front QCD. <i>Physical Review D</i> , 2021, 104, .	4.7	10
16	Generalized form factors of the nucleon in a light-cone spectator-diquark model. <i>Physical Review C</i> , 2014, 89, .	2.9	9
17	B c meson rare decays in the light-cone quark model. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	7
18	Towards a single scale-dependent Pomeron in holographic light-front QCD. <i>Physical Review D</i> , 2022, 105, .	4.7	7

#	ARTICLE	IF	CITATIONS
19	The $\cos^2\theta^*$ azimuthal asymmetry of unpolarized dilepton production in $\text{pp}$ collisions around Z-resonance. European Physical Journal C, 2013, 73, 1.	3.9	4
20	Power corrections in semi-inclusive deep inelastic scatterings at fixed target energies. Physical Review D, 2020, 101, .	4.7	4
21	Factorized approach to radiative corrections for inelastic lepton-hadron collisions. Physical Review D, 2021, 104, .	4.7	4
22	Light-front holographic QCD with generic dilaton profile. Physical Review D, 2016, 93, .	4.7	3
23	Six-dimensional light-front Wigner distribution of hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 830, 137127.	4.1	3
24	Quark Angular Momentum and Gravitational Form Factors. International Journal of Modern Physics Conference Series, 2016, 40, 1660054.	0.7	1