

# Heng Tong Ding

## List of Publications by Year in descending order

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59  
papers

4,993  
citations

201674

27  
h-index

155660

55  
g-index

59  
all docs

59  
docs citations

59  
times ranked

3404  
citing authors



#	ARTICLE	IF	CITATIONS
19	Chiral transition and $U(1)$ chiral symmetry breaking in lattice QCD using domain-wall fermions. Physical Review D, 2012, 86, .	4.7	67
20	The melting and abundance of open charm hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 737, 210-215.	4.1	68
21	Skewness and kurtosis of net baryon-number distributions at small values of the baryon chemical potential. Physical Review D, 2017, 96, .	4.7	62
22	Quark number susceptibilities at high temperatures. Physical Review D, 2013, 88, .	4.7	55
23	Thermal dilepton rates and electrical conductivity of the QGP from the lattice. Physical Review D, 2016, 94, .	4.7	54
24	Meson screening masses in $(2+1)$ -flavor QCD. Physical Review D, 2016, 94, .	4.7	48
25	Chiral phase structure of three flavor QCD at vanishing baryon number density. Physical Review D, 2017, 95, .	4.7	36
26	Correlated Dirac Eigenvalues and Axial Anomaly in Chiral Symmetric QCD. Physical Review Letters, 2021, 126, 082001.	7.8	35
27	Chiral properties of $(2+1)$ -flavor QCD. Physical Review D, 2016, 94, .	4.7	28
28	Thermal quarkonium physics in the pseudoscalar channel. Journal of High Energy Physics, 2017, 2017, 1.	4.7	23
29	Curvature of the freeze-out line in heavy ion collisions. Physical Review D, 2016, 93, .	4.7	22
30	Heavy quark diffusion from lattice QCD spectral functions. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124070.	3.6	20
31	Stochastic reconstructions of spectral functions: Application to lattice QCD. Physical Review D, 2018, 97, .	4.7	19
32	New developments in lattice QCD on equilibrium physics and phase diagram. Nuclear Physics A, 2021, 1005, 121940.	1.5	16
33	Conserved Charge Fluctuations from Lattice QCD and the Beam Energy Scan. Nuclear Physics A, 2016, 956, 352-355.	1.5	15
34	Physics perspectives of heavy-ion collisions at very high energy. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	5.1	15
35	Chiral phase transition of $(2+1)$ -flavor QCD. Nuclear Physics A, 2019, 982, 211-214.	1.5	15
36	Fluctuations and correlations of net baryon number, electric charge and strangeness in a background magnetic field. European Physical Journal A, 2021, 57, 1.	2.5	15

#	ARTICLE	IF	CITATIONS
37	Effect of heavy-quark energy loss on the muon differential production cross section in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 202-208.	4.7	12
38	Chiral phase structure of three flavor QCD in a background magnetic field. Physical Review D, 2020, 102, .	4.7	12
39	Chiral condensates and screening masses of neutral pseudoscalar mesons in thermomagnetic QCD medium. Physical Review D, 2022, 105, .	4.7	12
40	Recent lattice QCD results and phase diagram of strongly interacting matter. Nuclear Physics A, 2014, 931, 52-62.	1.5	11
41	Momentum dependences of charmonium properties from lattice QCD. Nuclear Physics A, 2013, 904-905, 619c-622c.	1.5	8
42	Charmonium and bottomonium spectral functions in the vector channel. Nuclear Physics A, 2019, 982, 715-718.	1.5	7
43	QCD Phase Structure in Strong Magnetic Fields. Acta Physica Polonica B, Proceedings Supplement, 2021, 14, 403.	0.1	6
44	Phase structure of three flavor QCD in external magnetic fields using HISQ fermions. , 2019, , .		6
45	Charm and beauty in the deconfined plasma from quenched lattice QCD. Physical Review D, 2021, 104, .	4.7	6
46	Exploring QCD phase diagram at vanishing baryon density on the lattice. Journal of Physics: Conference Series, 2013, 432, 012027.	0.4	4
47	Chiral phase transition of three flavor QCD with nonzero magnetic field using standard staggered fermions. EPJ Web of Conferences, 2018, 175, 07041.	0.3	4
48	STUDYING THE ENERGY LOSS OF HEAVY QUARKS VIA SINGLE MUON PRODUCTION IN PbPb COLLISIONS AT $\sqrt{s_{NN}} = 5.5$ TeV. International Journal of Modern Physics E, 2007, 16, 2041-2047.	1.0	3
49	In-medium hadron properties from lattice QCD. EPJ Web of Conferences, 2012, 36, 00008.	0.3	3
50	Hard and thermal probes of QGP from the perspective of lattice QCD. Nuclear Physics A, 2014, 932, 500-507.	1.5	3
51	Thermodynamics of Strong-Interaction Matter from Lattice QCD. , 2016, , 1-65.		3
52	Continuum extrapolation of quarkonium correlators at non-zero temperature. EPJ Web of Conferences, 2018, 175, 07010.	0.3	3
53	Thermal modifications of quarkonia and heavy quark diffusion from a comparison of continuum-extrapolated lattice results to perturbative QCD. , 2020, , .		3
54	Quark number susceptibilities and color screening at high temperatures. Journal of Physics: Conference Series, 2012, 389, 012017.	0.4	2

#	ARTICLE	IF	CITATIONS
55	Charmonium dissociation and heavy quark transport in hot quenched lattice QCD. EPJ Web of Conferences, 2014, 70, 00061.	0.3	2
56	Insight into Thermal Modifications of Quarkonia From a Comparison of Continuum-Extrapolated Lattice Results to Perturbative QCD. Proceedings (mdpi), 2019, 10, 45.	0.2	2
57	Heavy-quark energy loss observed via muon spectra in Pb-Pb collisions at $\sqrt{s_{NN}}=5.5$ , {m TeV}. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 064055.	3.6	1
58	Thermal modifications of charmonia and bottomonia from spatial correlation functions. EPJ Web of Conferences, 2018, 175, 07021.	0.3	1
59	The chiral phase transition temperature in (2+1)-flavor QCD. , 2020, , .		1