

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	Continuum extrapolation of quarkonium correlators at non-zero temperature. EPJ Web of Conferences, 2018, 175, 07010.	0.3	3
20	Thermal modifications of charmonia and bottomonia from spatial correlation functions. EPJ Web of Conferences, 2018, 175, 07021.	0.3	1
21	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
22	Stochastic reconstructions of spectral functions: Application to lattice QCD. Physical Review D, 2018, 97, .	4.7	19
23	QCD equation of state to $\langle O \rangle$ $\langle B \rangle$ $\langle \bar{\psi}\psi \rangle$	4.7	265
24	Chiral phase structure of three flavor QCD at vanishing baryon number density. Physical Review D, 2017, 95, .	4.7	36
25	Thermal quarkonium physics in the pseudoscalar channel. Journal of High Energy Physics, 2017, 2017, 1.	4.7	23
26	Skewness and kurtosis of net baryon-number distributions at small values of the baryon chemical potential. Physical Review D, 2017, 96, .	4.7	62
27	Thermal dilepton rates and electrical conductivity of the QGP from the lattice. Physical Review D, 2016, 94, .	4.7	54
28	Thermodynamics of Strong-Interaction Matter from Lattice QCD. , 2016, , 1-65.		3
29	Conserved Charge Fluctuations from Lattice QCD and the Beam Energy Scan. Nuclear Physics A, 2016, 956, 352-355.	1.5	15
30	Curvature of the freeze-out line in heavy ion collisions. Physical Review D, 2016, 93, .	4.7	22
31	Polyakov loop in $2+1$ flavor QCD from low to high temperatures. Physical Review D, 2016, 93, .	4.7	47
32	Physics perspectives of heavy-ion collisions at very high energy. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	5.1	15
33	Diagonal and off-diagonal quark number susceptibilities at high temperatures. Physical Review D, 2015, 92, .	4.7	81
34	Thermodynamics of strong-interaction matter from lattice QCD. International Journal of Modern Physics E, 2015, 24, 1530007.	1.0	251
35	Charmonium dissociation and heavy quark transport in hot quenched lattice QCD. EPJ Web of Conferences, 2014, 70, 00061.	0.3	2
36	QCD chiral transition, $U(1)$ T_c spectrum using domain wall fermions. Physical Review D, 2014, 89, .	4.7	22

#	ARTICLE	IF	CITATIONS
37	Hard and thermal probes of QGP from the perspective of lattice QCD. Nuclear Physics A, 2014, 932, 500-507.	1.5	3
38	Recent lattice QCD results and phase diagram of strongly interacting matter. Nuclear Physics A, 2014, 931, 52-62.	1.5	11
39	Equation of state in ($\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50$) QCD. Physical Review D, 2014, 90, .	4.7	694
40	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
41	QCD Phase Transition with Chiral Quarks and Physical Quark Masses. Physical Review Letters, 2014, 113, 082001.	7.8	286
42	Additional Strange Hadrons from QCD Thermodynamics and Strangeness Freezeout in Heavy Ion Collisions. Physical Review Letters, 2014, 113, 072001.	7.8	160
43	Momentum dependences of charmonium properties from lattice QCD. Nuclear Physics A, 2013, 904-905, 619c-622c.	1.5	8
44	Quark number susceptibilities at high temperatures. Physical Review D, 2013, 88, .	4.7	55
45	Strangeness at High Temperatures: From Hadrons to Quarks. Physical Review Letters, 2013, 111, 082301.	7.8	92
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 transition and $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle mml:mi \rangle U \langle /mml:mi \rangle \langle mml:mo \rangle \langle mml:mn \rangle 1 \langle /mml:mn \rangle \langle mml:msub \rangle \langle mml:mo \rangle Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 387 Td (stre$ lattice QCD using domain wall fermions. Physical Review D, 2012, 86, .	4.7	387
48	Fluctuations and correlations of net baryon number, electric charge, and strangeness: A comparison of lattice QCD results with the hadron resonance gas model. Physical Review D, 2012, 86, .	4.7	211
49	Chiral and deconfinement aspects of the QCD transition. Physical Review D, 2012, 85, .	4.7	752
50	Charmonium properties in hot quenched lattice QCD. Physical Review D, 2012, 86, .	4.7	133
51	Quark number susceptibilities and color screening at high temperatures. Journal of Physics: Conference Series, 2012, 389, 012017.	0.4	2
52	Freeze-Out Conditions in Heavy Ion Collisions from QCD Thermodynamics. Physical Review Letters, 2012, 109, 192302.	7.8	222
53	In-medium hadron properties from lattice QCD. EPJ Web of Conferences, 2012, 36, 00008.	0.3	3
54	Thermal dilepton rate and electrical conductivity: An analysis of vector current correlation functions in quenched lattice QCD. Physical Review D, 2011, 83, .	4.7	206

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55	Heavy quark diffusion from lattice QCD spectral functions. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124070.	3.6	20
56	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
57	Effect of heavy-quark energy loss on the muon differential production cross section in Pb-Pb collisions at $\sqrt{s_{NN}}=5.5$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 202-208.	3.6	1
58	Heavy-ion collisions at the LHC—Last call for predictions. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 054001.	3.6	255
59	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