

Christian Schmidt

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,557
citations

430874

18
h-index

642732

23
g-index

30
all docs

30
docs citations

30
times ranked

1584
citing authors

#	ARTICLE	IF	CITATIONS
1	Chiral and deconfinement aspects of the QCD transition. Physical Review D, 2012, 85, .	4.7	752
2	Equation of state in (T_j) QCD. Physical Review D, 2014, 90, .	4.7	694
3	Equation of state for two flavor QCD at nonzero chemical potential. Physical Review D, 2003, 68, .	4.7	313
4	Chiral crossover in QCD at zero and non-zero chemical potentials. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 15-21.	4.1	303
5	QCD equation of state to (T_j)	4.7	265
6	Freeze-Out Conditions in Heavy Ion Collisions from QCD Thermodynamics. Physical Review Letters, 2012, 109, 192302.	7.8	222
7	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
8	Magnetic equation of state in (2+1)-flavor QCD. Physical Review D, 2009, 80, .	4.7	128
9	Chiral Phase Transition Temperature in (T_j)	7.8	116
10	The density of states method at non-zero chemical potential. Journal of High Energy Physics, 2007, 2007, 121-121.	4.7	103
11	Where is the chiral critical point in 3-flavor QCD?. Nuclear Physics, Section B, Proceedings Supplements, 2004, 129-130, 614-616.	0.4	90
12	Skewness, kurtosis, and the fifth and sixth order cumulants of net baryon-number distributions from lattice QCD confront high-statistics STAR data. Physical Review D, 2020, 101, .	4.7	85
13	Skewness and kurtosis of net baryon-number distributions at small values of the baryon chemical potential. Physical Review D, 2017, 96, .	4.7	62
14	An efficient method to compute the residual phase on a Lefschetz thimble. Physical Review D, 2014, 89, .	4.7	50
15	Chiral phase structure of three flavor QCD at vanishing baryon number density. Physical Review D, 2017, 95, .	4.7	36
16	Curvature of the freeze-out line in heavy ion collisions. Physical Review D, 2016, 93, .	4.7	22
17	Second order cumulants of conserved charge fluctuations revisited: Vanishing chemical potentials. Physical Review D, 2021, 104, .	4.7	21
18	Contribution to understanding the phase structure of strong interaction matter: Lee-Yang edge singularities from lattice QCD. Physical Review D, 2022, 105, .	4.7	20

#	ARTICLE	IF	CITATIONS
19	Taylor expansions and Pad \hat{A} approximants for cumulants of conserved charge fluctuations at nonvanishing chemical potentials. Physical Review D, 2022, 105, .	4.7	19
20	Chiral phase transition in three-flavor QCD from lattice QCD. Physical Review D, 2022, 105, .	4.7	14
21	Simulating Yang-Mills theories with a complex coupling. Physical Review D, 2021, 103, .	4.7	9
22	Net-baryon Number Fluctuations. Acta Physica Polonica B, Proceedings Supplement, 2021, 14, 241.	0.1	9
23	Lattice QCD at finite density. , 2006, , .		7
24	Comparing Conserved Charge Fluctuations from Lattice QCD to HRG Model Calculations. Acta Physica Polonica B, Proceedings Supplement, 2021, 14, 251.	0.1	4
25	Bulk Thermodynamics and charge fluctuations at non-vanishing baryon density. , 2008, , .		1
26	The QCD phase diagram at finite density. , 2005, , .		1
27	QCD thermodynamics at zero and non-zero density. , 2007, , .		0
28	Hadronic Fluctuations for non-zero chemical potential. , 2010, , .		0
29	On the universal O(N) scaling behavior of (2+1)-flavor QCD. , 2011, , .		0
30	Universal critical behavior in three flavor QCD. , 2012, , .		0