

# Christian Schmidt

## List of Publications by Year in descending order

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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	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
2	Chiral phase transition in three-flavor QCD from lattice QCD. Physical Review D, 2022, 105, .	4.7	14
3	Taylor expansions and Padé approximants for cumulants of conserved charge fluctuations at nonvanishing chemical potentials. Physical Review D, 2022, 105, .	4.7	19
4	Simulating Yang-Mills theories with a complex coupling. Physical Review D, 2021, 103, .	4.7	9
5	Net-baryon Number Fluctuations. Acta Physica Polonica B, Proceedings Supplement, 2021, 14, 241.	0.1	9
6	Comparing Conserved Charge Fluctuations from Lattice QCD to HRG Model Calculations. Acta Physica Polonica B, Proceedings Supplement, 2021, 14, 251.	0.1	4
7	Second order cumulants of conserved charge fluctuations revisited: Vanishing chemical potentials. Physical Review D, 2021, 104, .	4.7	21
8	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
9	Chiral Phase Transition Temperature in $T_j$ ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 432 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML")	7.8	116
10	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
11	QCD equation of state to $O(\mu^6)$ at vanishing baryon number density. Physical Review D, 2017, 95, .	4.7	265
12	Chiral phase structure of three flavor QCD at vanishing baryon number density. Physical Review D, 2017, 95, .	4.7	36
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	Curvature of the freeze-out line in heavy ion collisions. Physical Review D, 2016, 93, .	4.7	22
15	An efficient method to compute the residual phase on a Lefschetz thimble. Physical Review D, 2014, 89, .	4.7	50
16	Equation of state in $T_j$ ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML") QCD. Physical Review D, 2014, 90, .	4.7	694
17	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
18	Chiral and deconfinement aspects of the QCD transition. Physical Review D, 2012, 85, .	4.7	752

#	ARTICLE	IF	CITATIONS
19	Freeze-Out Conditions in Heavy Ion Collisions from QCD Thermodynamics. Physical Review Letters, 2012, 109, 192302.	7.8	222
20	Universal critical behavior in three flavor QCD. , 2012, , .		0
21	On the universal $O(N)$ scaling behavior of (2+1)-flavor QCD. , 2011, , .		0
22	Hadronic Fluctuations for non-zero chemical potential. , 2010, , .		0
23	Magnetic equation of state in (2+1)-flavor QCD. Physical Review D, 2009, 80, .	4.7	128
24	Bulk Thermodynamics and charge fluctuations at non-vanishing baryon density. , 2008, , .		1
25	The density of states method at non-zero chemical potential. Journal of High Energy Physics, 2007, 2007, 121-121.	4.7	103
26	QCD thermodynamics at zero and non-zero density. , 2007, , .		0
27	Lattice QCD at finite density. , 2006, , .		7
28	The QCD phase diagram at finite density. , 2005, , .		1
29	Where is the chiral critical point in 3-flavor QCD?. Nuclear Physics, Section B, Proceedings Supplements, 2004, 129-130, 614-616.	0.4	90
30	Equation of state for two flavor QCD at nonzero chemical potential. Physical Review D, 2003, 68, .	4.7	313