

Owe Philipsen

List of Publications by Year in descending order

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37
papers

2,032
citations

394421

19
h-index

377865

34
g-index

38
all docs

38
docs citations

38
times ranked

645
citing authors

#	ARTICLE	IF	CITATIONS
1	The QCD phase diagram for small densities from imaginary chemical potential. Nuclear Physics B, 2002, 642, 290-306.	2.5	586
2	The QCD phase diagram for three degenerate flavors and small baryon density. Nuclear Physics B, 2003, 673, 170-186.	2.5	266
3	The chiral critical line of $N_f = 2+1$ QCD at zero and non-zero baryon density. Journal of High Energy Physics, 2007, 2007, 077-077.	4.7	199
4	Constraining the QCD Phase Diagram by Tricritical Lines at Imaginary Chemical Potential. Physical Review Letters, 2010, 105, 152001.	7.8	136
5	The chiral critical point of $N_f = 3$ QCD at finite density to the order $(\hat{T}/T)^4$. Journal of High Energy Physics, 2008, 2008, 012-012.	4.7	119
6	The QCD deconfinement transition for heavy quarks and all baryon chemical potentials. Journal of High Energy Physics, 2012, 2012, 1.	4.7	115
7	Chiral phase transition in two-flavor QCD from an imaginary chemical potential. Physical Review D, 2014, 90, .	4.7	69
8	On the strength of the $U(1)$ anomaly at the chiral phase transition in $N_f = 2$ QCD. Journal of High Energy Physics, 2016, 2016, 1.	4.7	47
9	The pressure of strong coupling lattice QCD with heavy quarks, the hadron resonance gas and the large N limit. Journal of High Energy Physics, 2010, 2010, 1.	4.7	38
10	Heavy dense QCD and nuclear matter from an effective lattice theory. Journal of High Energy Physics, 2014, 2014, 1.	4.7	38
11	Cluster expansion model for QCD baryon number fluctuations: No phase transition at $\hat{T} < \hat{T}_B$. Physical Review D, 2018, 97, .	4.7	30
12	Precision computation of hybrid static potentials in $SU(3)$ lattice gauge theory. Physical Review D, 2019, 99, .	4.7	37
13	Thermal QCD transition with two flavors of twisted mass fermions. Physical Review D, 2013, 87, .	4.7	31
14	Nature of the Roberge-Weiss transition in $N_f = 2$ QCD with Wilson fermions at zero and imaginary chemical potential. Physical Review D, 2016, 93, .	4.7	30
15	Nature of the Roberge-Weiss transition in $N_f = 2$ QCD with Wilson fermions. Physical Review D, 2014, 89, .	4.7	26
16	Lattice QCD based on OpenCL. Computer Physics Communications, 2013, 184, 2042-2052.	7.5	25
17	On the order of the QCD chiral phase transition for different numbers of quark flavours. Journal of High Energy Physics, 2021, 2021, 1.	4.7	24
18	The deconfinement transition of finite density QCD with heavy quarks from strong coupling series. Journal of High Energy Physics, 2010, 2010, 1.	4.7	23

#	ARTICLE	IF	CITATIONS
19	Strong coupling expansion for finite temperature Yang-Mills theory in the confined phase. Journal of High Energy Physics, 2008, 2008, 036-036. Roberge-Weiss transition in N	4.7	21
20	with Wilson fermions and f	4.7	17
21	Hybrid static potential flux tubes from SU(2) and SU(3) lattice gauge theory. Physical Review D, 2019, 100, .	4.7	18
22	Constraining the phase diagram of QCD at finite temperature and density. , 2020, , .		18
23	QCD in the heavy dense regime for general N_c : on the existence of quarkyonic matter. Journal of High Energy Physics, 2019, 2019, 1.	4.7	17
24	Equation of state for cold and dense heavy QCD. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
25	Lattice Constraints on the QCD Chiral Phase Transition at Finite Temperature and Baryon Density. Symmetry, 2021, 13, 2079.	2.2	11
26	QCD chiral phase transition from noninteger numbers of flavors. Physical Review D, 2018, 97, .	4.7	10
27	Updates on the Columbia plot and its extended/alternative versions. EPJ Web of Conferences, 2018, 175, 07032.	0.3	9
28	Deconfinement critical point of lattice QCD with N Wilson fermions. Physical Review D, 2021, 103, .	4.7	9
29	On the definition and interpretation of a static quark-antiquark potential in the color-adjoint channel. Physical Review D, 2014, 89, .	4.7	7
30	Computation of hybrid static potentials in SU(3) lattice gauge theory. EPJ Web of Conferences, 2018, 175, 05012.	0.3	6
31	Finite size and cut-off effects on the Roberge-Weiss transition in $N_f=2$ QCD with staggered fermions. Physical Review D, 2020, 101, .	4.7	5
32	Lattice QCD at non-zero temperature and baryon density. , 2011, , 273-330.		4
33	Progress on the nature of the QCD thermal transition as a function of quark flavors and masses. , 2019, , .		4
34	Complete leading-order standard model corrections to quantum leptogenesis. Journal of High Energy Physics, 2020, 2020, 1.	4.7	2
35	The SU(3) spin model with chemical potential by series expansion techniques. Journal of High Energy Physics, 2020, 2020, 1.	4.7	1
36	Strong coupling methods in QCD thermodynamics. Indian Journal of Physics, 2021, 95, 1599-1611.	1.8	1

#	ARTICLE	IF	CITATIONS
37	Baryonic or quarkyonic matter?. , 2019, , .		1