

Owe Philipsen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8160965/publications.pdf>

Version: 2024-02-01

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 | Deconfinement critical point of lattice QCD with Wilson fermions. Physical Review D , 2021, 103, . | 4.7 | 9 |
| 2 | Strong coupling methods in QCD thermodynamics. <i>Indian Journal of Physics</i> , 2021, 95, 1599-1611. | 1.8 | 1 |
| 3 | Lattice Constraints on the QCD Chiral Phase Transition at Finite Temperature and Baryon Density. <i>Symmetry</i> , 2021, 13, 2079. | 2.2 | 11 |
| 4 | On the order of the QCD chiral phase transition for different numbers of quark flavours. <i>Journal of High Energy Physics</i> , 2021, 2021, 1. | 4.7 | 24 |
| 5 | The SU(3) spin model with chemical potential by series expansion techniques. <i>Journal of High Energy Physics</i> , 2020, 2020, 1. | 4.7 | 1 |
| 6 | Finite size and cut-off effects on the Roberge-Weiss transition in Nf=2 QCD with staggered fermions. <i>Physical Review D</i> , 2020, 101, . | 4.7 | 5 |
| 7 | Complete leading-order standard model corrections to quantum leptogenesis. <i>Journal of High Energy Physics</i> , 2020, 2020, 1. | 4.7 | 2 |
| 8 | Constraining the phase diagram of QCD at finite temperature and density. , 2020, , . | | 18 |
| 9 | Precision computation of hybrid static potentials in SU(3) lattice gauge theory. <i>Physical Review D</i> , 2019, 99, . | 4.7 | 37 |
| 10 | Hybrid static potential flux tubes from SU(2) and SU(3) lattice gauge theory. <i>Physical Review D</i> , 2019, 100, . | 4.7 | 18 |
| 11 | QCD in the heavy dense regime for general Nc: on the existence of quarkyonic matter. <i>Journal of High Energy Physics</i> , 2019, 2019, 1. | 4.7 | 17 |
| 12 | Progress on the nature of the QCD thermal transition as a function of quark flavors and masses. , 2019, , . | | 4 |
| 13 | Baryonic or quarkyonic matter?. , 2019, , . | | 1 |
| 14 | Computation of hybrid static potentials in SU(3) lattice gauge theory. <i>EPJ Web of Conferences</i> , 2018, 175, 05012. | 0.3 | 6 |
| 15 | Updates on the Columbia plot and its extended/alternative versions. <i>EPJ Web of Conferences</i> , 2018, 175, 07032. | 0.3 | 9 |
| 16 | QCD chiral phase transition from noninteger numbers of flavors. <i>Physical Review D</i> , 2018, 97, . | 4.7 | 10 |
| 17 | Cluster expansion model for QCD baryon number fluctuations: No phase transition at Roberge-Weiss transition in $SU(3)$ lattice gauge theory. Physical Review D , 2018, 97, . | 4.7 | 10 |
| 18 | Cluster expansion model for QCD baryon number fluctuations: No phase transition at Roberge-Weiss transition in $SU(3)$ lattice gauge theory with Wilson fermions and $N_f=2$. Physical Review D , 2018, 97, . | 4.7 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | χ chiral phase transition with Wilson fermions at zero and imaginary chemical potential. Physical Review D, 2016, 93, . | 4.7 | 30 |
| 20 | 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 |
| 21 | Equation of state for cold and dense heavy QCD. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 13 |
| 22 | On the definition and interpretation of a static quark-antiquark potential in the color-adjoint channel. Physical Review D, 2014, 89, . | 4.7 | 7 |
| 23 | Nature of the Roberge-Weiss transition in $N_f = 2$ QCD with Wilson fermions. Physical Review D, 2014, 89, . | 4.7 | 26 |
| 24 | Heavy dense QCD and nuclear matter from an effective lattice theory. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 38 |
| 25 | Chiral phase transition in two-flavor QCD from an imaginary chemical potential. Physical Review D, 2014, 90, . | 4.7 | 69 |
| 26 | Lattice QCD based on OpenCL. Computer Physics Communications, 2013, 184, 2042-2052. | 7.5 | 25 |
| 27 | Thermal QCD transition with two flavors of twisted mass fermions. Physical Review D, 2013, 87, . | 4.7 | 31 |
| 28 | The QCD deconfinement transition for heavy quarks and all baryon chemical potentials. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 115 |
| 29 | Lattice QCD at non-zero temperature and baryon density. , 2011, , 273-330. | | 4 |
| 30 | 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 |
| 31 | 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 |
| 32 | Constraining the QCD Phase Diagram by Tricritical Lines at Imaginary Chemical Potential. Physical Review Letters, 2010, 105, 152001. | 7.8 | 136 |
| 33 | Strong coupling expansion for finite temperature Yang-Mills theory in the confined phase. Journal of High Energy Physics, 2008, 2008, 036-036. | 4.7 | 21 |
| 34 | The chiral critical point of $N_f = 3$ QCD at finite density to the order $(T - T_c)^{1/4}$. Journal of High Energy Physics, 2008, 2008, 012-012. | 4.7 | 119 |
| 35 | 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 |
| 36 | The QCD phase diagram for three degenerate flavors and small baryon density. Nuclear Physics B, 2003, 673, 170-186. | 2.5 | 266 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | The QCD phase diagram for small densities from imaginary chemical potential. Nuclear Physics B, 2002, 642, 290-306. | 2.5 | 586 |