

Pok Man Lo

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

477
citations

759233

12
h-index

677142

22
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32
all docs

32
docs citations

32
times ranked

608
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Thermal abundance of hyperons from a coupled channel model. EPJ Web of Conferences, 2022, 259, 10006. | 0.3 | 0 |
| 2 | Multiplicity dependence of (multi)strange baryons in the canonical ensemble with phase shift corrections. Physical Review C, 2021, 103, . | 2.9 | 23 |
| 3 | Thermal study of a coupled-channel system: a brief review. European Physical Journal A, 2021, 57, 1. | 2.5 | 4 |
| 4 | Fluctuations of the order parameter in an $SU(N_c)$ gauge theory with N_f flavors of quarks. Physical Review D, 2021, 103, . | 4.7 | 9 |
| 5 | Deconfinement in the presence of a strong magnetic field. Physical Review D, 2020, 102, . | 4.7 | 3 |
| 6 | Density of states of a coupled-channel system. Physical Review D, 2020, 102, . | 4.7 | 7 |
| 7 | Fourier coefficients of the net baryon number density and chiral criticality. Physical Review D, 2019, 100, . | 4.7 | 5 |
| 8 | Parity Doubling in QCD Thermodynamics. Proceedings (mdpi), 2019, 13, . | 0.2 | 1 |
| 9 | Thermal contribution of unstable states. European Physical Journal C, 2019, 79, 1. | 3.9 | 11 |
| 10 | Parity doubling of baryons in QCD thermodynamics. Nuclear Physics A, 2019, 982, 219-222. | 1.5 | 1 |
| 11 | The thermal proton yield anomaly in Pb-Pb collisions at the LHC and its resolution. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 304-309. | 4.1 | 53 |
| 12 | Phase shift and spectral function from PWA. EPJ Web of Conferences, 2019, 199, 05024. | 0.3 | 0 |
| 13 | Resonance decay dynamics and their effects on ρ meson spectra of pions in heavy-ion collisions. Physical Review C, 2018, 97, . | 2.9 | 8 |
| 14 | Polyakov loop fluctuations in the presence of external fields. Physical Review D, 2018, 97, . | 4.7 | 5 |
| 15 | Overlap between Lattice QCD and HRG with in-medium effects and parity doubling. EPJ Web of Conferences, 2018, 171, 05001. | 0.3 | 2 |
| 16 | S-matrix analysis of the baryon electric charge correlation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 454-458. | 4.1 | 39 |
| 17 | Effects of ρ -meson width on pion distributions in heavy-ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 509-512. | 4.1 | 27 |
| 18 | Repulsive interactions and their effects on the thermodynamics of a hadron gas. Physical Review C, 2017, 96, . | 2.9 | 25 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | S-matrix formulation of thermodynamics with N-body scatterings. European Physical Journal C, 2017, 77, 1. | 3.9 | 32 |
| 20 | Missing baryonic resonances in the Hagedorn spectrum. European Physical Journal A, 2016, 52, 1. | 2.5 | 6 |
| 21 | Matching the Hagedorn mass spectrum with lattice QCD results. Physical Review C, 2015, 92, . | 2.9 | 28 |
| 22 | Strangeness fluctuations from $K^* \pi$ interactions. Physical Review D, 2015, 92, . | 4.7 | 28 |
| 23 | Effects of heavy quarks on the deconfinement phase transition. , 2015, , . | | 0 |
| 24 | Polyakov loop fluctuations and deconfinement in the limit of heavy quarks. Physical Review D, 2014, 90, . | 4.7 | 18 |
| 25 | QED3 at finite temperature and density. Physical Review D, 2014, 89, . | 4.7 | 10 |
| 26 | Probing deconfinement with Polyakov loop susceptibilities. Physical Review D, 2013, 88, . | 4.7 | 28 |
| 27 | Polyakov loop fluctuations in SU(3) lattice gauge theory and an effective gluon potential. Physical Review D, 2013, 88, . | 4.7 | 59 |
| 28 | Parity symmetry in QED3. Physical Review D, 2011, 83, . | 4.7 | 10 |
| 29 | Endemic infrared divergences in QED3 at finite temperature. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 164-167. | 4.1 | 7 |
| 30 | Confinement Models at Finite Temperature and Density. , 2010, , . | | 0 |
| 31 | Confinement models at finite temperature and density. Physical Review D, 2010, 81, . | 4.7 | 11 |