

Horst Stoecker

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

924
citations

471509

17
h-index

454955

30
g-index

38
all docs

38
docs citations

38
times ranked

905
citing authors

#	ARTICLE	IF	CITATIONS
1	A chiral mean-field equation-of-state in UrQMD: effects on the heavy ion compression stage. European Physical Journal C, 2022, 82, 1.	3.9	12
2	QCD equation of state at vanishing and high baryon density: Chiral Mean Field model. Nuclear Physics A, 2021, 1005, 121836.	1.5	3
3	Higher order conserved charge fluctuations inside the mixed phase. Physical Review C, 2021, 103, .	2.9	8
4	Deep Learning Based Impact Parameter Determination for the CBM Experiment. Particles, 2021, 4, 47-52.	1.7	7
5	Repulsive properties of hadrons in lattice QCD data and neutron stars. Physical Review C, 2021, 103, .	2.9	12
6	From cosmic matter to the laboratory. Astronomische Nachrichten, 2021, 342, 808-818.	1.2	2
7	An equation-of-state-meter for CBM using PointNet. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
8	Ambiguities in the hadro-chemical freeze-out of Au+Au collisions at SIS18 energies and how to resolve them. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136703.	4.1	12
9	Traces of the nuclear liquid-gas phase transition in the analytic properties of hot QCD. Physical Review C, 2020, 101, .	2.9	11
10	Kinetic freeze-out temperature from yields of short-lived resonances. Physical Review C, 2020, 102, .	2.9	15
11	Feeddown contributions from unstable nuclei in relativistic heavy-ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 809, 135746.	4.1	18
12	A fast centrality-meter for heavy-ion collisions at the CBM experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135872.	4.1	28
13	Critical point fluctuations: Finite size and global charge conservation effects. Physical Review C, 2020, 102, .	2.9	20
14	Critical point signatures in the cluster expansion in fugacities. Physical Review D, 2020, 101, .	4.7	4
15	Equation of state for hot QCD and compact stars from a mean-field approach. Physical Review C, 2020, 101, .	2.9	48
16	On the deconfinement phase transition in neutron-star mergers. European Physical Journal A, 2020, 56, 1.	2.5	65
17	Thermal-FIST: A package for heavy-ion collisions and hadronic equation of state. Computer Physics Communications, 2019, 244, 295-310.	7.5	55
18	QCD at high density: Equation of state for nuclear collisions and neutron stars. Nuclear Physics A, 2019, 982, 891-894.	1.5	11

#	ARTICLE	IF	CITATIONS
37	Repulsive baryonic interactions and lattice QCD observables at imaginary chemical potential. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 775, 71-78.	4.1	66
38	Gauge theory by canonical transformations. International Journal of Modern Physics E, 2016, 25, 1642005.	1.0	3