

Anton Motornenko

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

244
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

215
citing authors

#	ARTICLE	IF	CITATIONS
1	Equation of state for hot QCD and compact stars from a mean-field approach. Physical Review C, 2020, 101, .	2.9	48
2	Neutron Star Mergers: Probing the EoS of Hot, Dense Matter by Gravitational Waves. Particles, 2019, 2, 44-56.	1.7	44
3	Multicomponent van der Waals equation of state: Applications in nuclear and hadronic physics. Physical Review C, 2017, 96, .	2.9	43
4	Beth-Uhlenbeck approach for repulsive interactions between baryons in a hadron gas. Physical Review C, 2018, 97, .	2.9	21
5	Kinetic freeze-out temperature from yields of short-lived resonances. Physical Review C, 2020, 102, .	2.9	15
6	Detecting the Hadron-Quark Phase Transition with Gravitational Waves. Universe, 2019, 5, 156.	2.5	14
7	Repulsive properties of hadrons in lattice QCD data and neutron stars. Physical Review C, 2021, 103, .	2.9	12
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	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
10	QCD at high density: Equation of state for nuclear collisions and neutron stars. Nuclear Physics A, 2019, 982, 891-894.	1.5	11
11	Event-by-event fluctuations in p+p and central A+A collisions within relativistic transport models. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 115104.	3.6	7
12	QCD equation of state at vanishing and high baryon density: Chiral Mean Field model. Nuclear Physics A, 2021, 1005, 121836.	1.5	3
13	From cosmic matter to the laboratory. Astronomische Nachrichten, 2021, 342, 808-818.	1.2	2