

Dmytro Oliinychenko

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

712
citations

623734

14
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

478
citing authors

#	ARTICLE	IF	CITATIONS
1	Particle production and equilibrium properties within a new hadron transport approach for heavy-ion collisions. <i>Physical Review C</i> , 2016, 94, .	2.9	170
2	Phenomenological Constraints on the Transport Properties of QCD Matter with Data-Driven Model Averaging. <i>Physical Review Letters</i> , 2021, 126, 242301.	7.8	82
3	Microscopic study of deuteron production in PbPb collisions at $\sqrt{s} = 2.76$ TeV via hydrodynamics and a hadronic afterburner. <i>Physical Review C</i> , 2019, 99, .	2.9	78
4	Comparison of heavy-ion transport simulations: Collision integral with pions and ρ resonances in a box. <i>Physical Review C</i> , 2019, 100, .	2.9	60
5	Dynamics of critical fluctuations: Theory $\hat{=}$ phenomenology $\hat{=}$ heavy-ion collisions. <i>Nuclear Physics A</i> , 2020, 1003, 122016.	1.5	54
6	The BEST framework for the search for the QCD critical point and the chiral magnetic effect. <i>Nuclear Physics A</i> , 2022, 1017, 122343.	1.5	51
7	Microcanonical Particlization with Local Conservation Laws. <i>Physical Review Letters</i> , 2019, 123, 182302.	7.8	32
8	Deviations of the energy-momentum tensor from equilibrium in the initial state for hydrodynamics from transport approaches. <i>Physical Review C</i> , 2016, 93, .	2.9	30
9	Deuteron production in relativistic heavy ion collisions via stochastic multiparticle reactions. <i>Physical Review C</i> , 2021, 104, .	2.9	26
10	Deuteron production in AuAu collisions at $\sqrt{s} = 2.76$ GeV via pion catalysis. <i>Physical Review C</i> , 2021, 103, .	2.9	25
11	SMASH $\hat{=}$ A new hadronic transport approach. <i>Nuclear Physics A</i> , 2019, 982, 399-402.	1.5	22
12	Effects of local event-by-event conservation laws in ultrarelativistic heavy-ion collisions at particlization. <i>Physical Review C</i> , 2020, 102, .	2.9	16
13	Overview of light nuclei production in relativistic heavy-ion collisions. <i>Nuclear Physics A</i> , 2021, 1005, 121754.	1.5	16
14	Strangeness production via resonances in heavy-ion collisions at energies available at the GSI Schwerionensynchrotron. <i>Physical Review C</i> , 2019, 99, .	2.9	15
15	Different realizations of Cooper-Frye sampling with conservation laws. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2018, 45, 015001.	3.6	14
16	Systematic investigation of negative Cooper-Frye contributions in heavy ion collisions using coarse-grained molecular dynamics. <i>Physical Review C</i> , 2015, 91, .	2.9	11
17	Forced canonical thermalization in a hadronic transport approach at high density. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017, 44, 034001.	3.6	9
18	Centrality Dependence of Deuteron Production in PbPb Collisions at 2.76 TeV via Hydrodynamics and Hadronic Afterburner +. <i>Proceedings (mdpi)</i> , 2019, 10, 6.	0.2	5

#	ARTICLE	IF	CITATIONS
19	Shear viscosity and resonance lifetimes in the hadron gas. Nuclear Physics A, 2019, 982, 807-810.	1.5	0