

Christopher Plumberg

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

263
citations

1040056

9
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	Causality violations in realistic simulations of heavy-ion collisions. <i>Physical Review C</i> , 2022, 105, .	2.9	16
2	Projecting the likely importance of weak-interaction-driven bulk viscosity in neutron star mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 1096-1108.	4.4	34
3	Charge balance functions for heavy-ion collisions at energies available at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2021, 104, .	2.9	10
4	Collisions at energies available	2.9	13
5	Calculating fluctuations and self-correlations numerically for causal charge diffusion in relativistic heavy-ion collisions. <i>Physical Review C</i> , 2020, 102, .	2.9	8
6	Dynamics of critical fluctuations: Theory “ phenomenology “ heavy-ion collisions. <i>Nuclear Physics A</i> , 2020, 1003, 122016.	1.5	54
7	Hanbury-Brown “ Twiss interferometry and collectivity in heavy-ion collisions. <i>Physical Review C</i> , 2020, 102, .	2.9	12
8	Determining the diffusivity for light quarks from experiment. <i>Physical Review C</i> , 2020, 102, .	2.9	12
9	Randall-Sundrum model with a dilaton field at finite temperature. <i>Physical Review D</i> , 2020, 101, .	4.7	0
10	Averaging and the Shape of the Correlation Function. <i>Universe</i> , 2019, 5, 148.	2.5	3
11	Evolving charge correlations in a hybrid model with both hydrodynamics and hadronic Boltzmann descriptions. <i>Physical Review C</i> , 2019, 99, .	2.9	20
12	Causal electric charge diffusion and balance functions in relativistic heavy-ion collisions. <i>Physical Review C</i> , 2018, 97, .	2.9	22
13	Hanbury-Brown “ Twiss correlation functions and radii from event-by-event hydrodynamics. <i>Physical Review C</i> , 2018, 98, .	2.9	8
14	Evolution of charge fluctuations and correlations in the hydrodynamic stage of heavy ion collisions. <i>Physical Review C</i> , 2018, 98, .	2.9	10
15	Hydrodynamic fluctuations near a critical endpoint and Hanbury-Brown “ Twiss interferometry. <i>Physical Review C</i> , 2017, 95, .	2.9	9
16	Observable consequences of event-by-event fluctuations of HBT radii. <i>Nuclear Physics A</i> , 2016, 956, 381-384.	1.5	3
17	Interferometric signatures of the temperature dependence of the specific shear viscosity in heavy-ion collisions. <i>Physical Review C</i> , 2015, 91, .	2.9	8
18	Probing the properties of event-by-event distributions in Hanbury-Brown “ Twiss radii. <i>Physical Review C</i> , 2015, 92, .	2.9	9

#	ARTICLE	IF	CITATIONS
19	Publisher's Note: Probing the properties of event-by-event distributions in Hanbury-Brown&Twiss radii [Phys. Rev. C92, 044906 (2015)]. Physical Review C, 2015, 92, .	2.9	5
20	Far Ultraviolet Spectroscopy of Seven Nova-Like Variables. Publications of the Astronomical Society of the Pacific, 2010, 122, 299-308.	3.1	7