

Christopher Plumberg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/803196/publications.pdf>

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	Dynamics of critical fluctuations: Theory “ phenomenology “ heavy-ion collisions. Nuclear Physics A, 2020, 1003, 122016.	1.5	54
2	Projecting the likely importance of weak-interaction-driven bulk viscosity in neutron star mergers. Monthly Notices of the Royal Astronomical Society, 2021, 509, 1096-1108.	4.4	34
3	Causal electric charge diffusion and balance functions in relativistic heavy-ion collisions. Physical Review C, 2018, 97, .	2.9	22
4	Evolving charge correlations in a hybrid model with both hydrodynamics and hadronic Boltzmann descriptions. Physical Review C, 2019, 99, .	2.9	20
5	Causality violations in realistic simulations of heavy-ion collisions. Physical Review C, 2022, 105, .	2.9	16
6	$\langle O \rangle$	2.9	13
7	Determining the diffusivity for light quarks from experiment. Physical Review C, 2020, 102, .	2.9	12
8	Evolution of charge fluctuations and correlations in the hydrodynamic stage of heavy ion collisions. Physical Review C, 2018, 98, .	2.9	10
9	Charge balance functions for heavy-ion collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2021, 104, .	2.9	10
10	Probing the properties of event-by-event distributions in Hanbury-Brown “Twiss radii. Physical Review C, 2015, 92, .	2.9	9
11	Hydrodynamic fluctuations near a critical endpoint and Hanbury-Brown “Twiss interferometry. Physical Review C, 2017, 95, .	2.9	9
12	Interferometric signatures of the temperature dependence of the specific shear viscosity in heavy-ion collisions. Physical Review C, 2015, 91, .	2.9	8
13	Hanbury-Brown “Twiss correlation functions and radii from event-by-event hydrodynamics. Physical Review C, 2018, 98, .	2.9	8
14	Calculating fluctuations and self-correlations numerically for causal charge diffusion in relativistic heavy-ion collisions. Physical Review C, 2020, 102, .	2.9	8
15	Far Ultraviolet Spectroscopy of Seven Nova-Like Variables. Publications of the Astronomical Society of the Pacific, 2010, 122, 299-308.	3.1	7
16	Hanbury-Brown “Twiss interferometry and collectivity in $\langle O \rangle$	2.9	6
17	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
18	Observable consequences of event-by-event fluctuations of HBT radii. Nuclear Physics A, 2016, 956, 381-384.	1.5	3

#	ARTICLE	IF	CITATIONS
19	Averaging and the Shape of the Correlation Function. Universe, 2019, 5, 148.	2.5	3
20	Randall-Sundrum model with a dilaton field at finite temperature. Physical Review D, 2020, 101, .	4.7	0