

Fernando G Gardim

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	p-dependent multiplicity fluctuations from PCA and initial conditions. Nuclear Physics A, 2021, 1005, 121892.	1.5	0
2	Effects of initial state fluctuations on the mean transverse momentum. Nuclear Physics A, 2021, 1005, 121999.	1.5	13
3	Skewness of mean transverse momentum fluctuations in heavy-ion collisions. Physical Review C, 2021, 103, .	2.9	11
4	Correlation between mean transverse momentum and anisotropic flow in heavy-ion collisions. Physical Review C, 2021, 103, .	2.9	21
5	Effective shear and bulk viscosities for anisotropic flow. Physical Review C, 2021, 103, .	2.9	8
6	The mean transverse momentum of ultracentral heavy-ion collisions: A new probe of hydrodynamics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 809, 135749.	4.1	7
7	Thermodynamics of hot strong-interaction matter from ultrarelativistic nuclear collisions. Nature Physics, 2020, 16, 615-619.	16.7	48
8	Probing the transverse size of initial inhomogeneities with flow observables. Nuclear Physics A, 2019, 982, 419-422.	1.5	1
9	$\langle n \rangle$ -dependent particle number fluctuations from principal-component analyses in hydrodynamic simulations of heavy-ion collisions. Physical Review C, 2019, 100, .	2.9	16
10	Sensitivity of observables to coarse-graining size in heavy-ion collisions. Physical Review C, 2018, 97, .	2.9	28
11	Hydrodynamic predictions for mixed harmonic correlations in 200 GeV Au+Au collisions. Physical Review C, 2017, 95, .	2.9	30
12	Hydrodynamic approach to the centrality dependence of di-hadron correlations. Physical Review C, 2017, 95, .	2.9	9
13	Mixed Harmonic Correlations: Hydrodynamic Predictions at RHIC using Experimental Analysis Techniques. Nuclear Physics A, 2017, 967, 389-392.	1.5	0
14	Linear and cubic response to the initial eccentricity in heavy-ion collisions. Physical Review C, 2016, 93, .	2.9	79
15	Effects of viscosity on the mapping of initial to final state in heavy ion collisions. Physical Review C, 2015, 91, .	2.9	62
16	Decomposition of fluctuating initial conditions and flow harmonics. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 015103.	3.6	21
17	Characterizing the hydrodynamic response to the initial conditions. Nuclear Physics A, 2013, 904-905, 503c-506c.	1.5	8
18	Hydro overview. Nuclear Physics A, 2013, 904-905, 75c-82c.	1.5	16

#	ARTICLE	IF	CITATIONS
19	Origin of trigger-angle dependence of di-hadron correlations. <i>Physical Review C</i> , 2013, 87, .	2.9	19
20	Breaking of factorization of two-particle correlations in hydrodynamics. <i>Physical Review C</i> , 2013, 87, .	2.9	89
21	Mapping the hydrodynamic response to the initial geometry in heavy-ion collisions. <i>Physical Review C</i> , 2012, 85, .	2.9	238
22	Anisotropic Flow in Event-by-Event Ideal Hydrodynamic Simulations of $\sqrt{s} \ll N < \sqrt{s}$. <i>Physical Review Letters</i> , 2012, 109, 202302.	4.8	75
23	Fluctuating Initial Conditions and Anisotropic Flows. <i>Progress of Theoretical Physics Supplement</i> , 2012, 193, 319-322.	0.1	5
24	Directed flow at midrapidity in event-by-event hydrodynamics. <i>Physical Review C</i> , 2011, 83, .	2.9	55
25	Influence of tubular initial conditions on two-particle correlations. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2011, 38, 124123.	3.6	3
26	Quasi-particles at finite chemical potential. , 2010, , .		0
27	Thermodynamics of quasi-particles at finite chemical potential. <i>Nuclear Physics A</i> , 2009, 825, 222-244.	1.5	26
28	THERMODYNAMICS OF QUASI-PARTICLES. <i>International Journal of Modern Physics E</i> , 2007, 16, 3024-3027.	1.0	0
29	Thermodynamics of quasi-particles. <i>Nuclear Physics A</i> , 2007, 797, 50-66.	1.5	13