

Sean Gavin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2664135/publications.pdf>

Version: 2024-02-01

57
papers

1,682
citations

361413
20
h-index

276875
41
g-index

57
all docs

57
docs citations

57
times ranked

2309
citing authors

#	ARTICLE	IF	CITATIONS
1	Transport coefficients in ultra-relativistic heavy-ion collisions. Nuclear Physics A, 1985, 435, 826-843.	1.5	211
2	Long range correlations and the soft ridge in relativistic nuclear collisions. Physical Review C, 2009, 79, .	2.9	127
3	Measuring Shear Viscosity Using Transverse Momentum Correlations in Relativistic Nuclear Collisions. Physical Review Letters, 2006, 97, 162302.	7.8	125
4	How to make large domains of disoriented chiral condensate. Physical Review Letters, 1994, 72, 2143-2146.	7.8	117
5	Larger domains of disoriented chiral condensate through annealing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 329, 486-492.	4.1	111
6	Energy loss at largexFin nuclear collisions. Physical Review Letters, 1992, 68, 1834-1837.	7.8	103
7	Effects of momentum conservation and flow on angular correlations observed in experiments at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2011, 84, .	2.9	98
8	Charmonium Suppression by Comover Scattering inPb+PbCollisions. Physical Review Letters, 1997, 78, 1006-1009.	7.8	84
9	QCD and the chiral critical point. Physical Review D, 1994, 49, R3079-R3082.	4.7	72
10	Causal diffusion and the survival of charge fluctuations in nuclear collisions. Physical Review C, 2004, 70, .	2.9	63
11	Lepton production from charm decay in nuclear collisions at $\sqrt{s}=200$ GeV and 5.5 TeV per nucleon. Physical Review C, 1996, 54, 2606-2623.	2.9	53
12	Traces of Thermalization fromptFluctuations in Nuclear Collisions. Physical Review Letters, 2004, 92, 162301.	7.8	52
13	Pion interferometric tests of transport models. Nuclear Physics B, 1990, 329, 357-375.	2.5	46
14	Transverse radial flow effects on two- and three-particle angular correlations. Nuclear Physics A, 2008, 802, 107-121.	1.5	45
15	Baryon fluctuations and the QCD phase transition. Physical Review C, 2001, 64, .	2.9	43
16	Partial thermalization in ultrarelativistic heavy-ion collisions. Nuclear Physics B, 1991, 351, 561-578.	2.5	41
17	and $\tilde{\kappa}^2$ suppression by comovers in Pb+Pb collisions. Nuclear Physics A, 1996, 610, 442-451.	1.5	41
18	Disoriented chiral condensates. Nuclear Physics A, 1995, 590, 163-177.	1.5	34

#	ARTICLE	IF	CITATIONS
19	Fluctuation probes of early-time correlations in nuclear collisions. <i>Physical Review C</i> , 2012, 85, .	2.9	33
20	Soft contribution to the hard ridge in relativistic nuclear collisions. <i>Nuclear Physics A</i> , 2010, 836, 43-58.	1.5	21
21	Kaon and pion fluctuations from small disoriented chiral condensates. <i>Physical Review C</i> , 2002, 65, .	2.9	20
22	Evidence of high densities from suppression. <i>Nuclear Physics A</i> , 1994, 566, 383-386.	1.5	15
23	Viscosity and the soft ridge at RHIC. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 104084.	3.6	14
24	Flow fluctuations from early-time correlations in nuclear collisions. <i>Physical Review C</i> , 2012, 86, .	2.9	14
25	Rapidity correlation structure in nuclear collisions. <i>Physical Review C</i> , 2016, 94, .	2.9	13
26	Traces of thermalization at RHIC. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2004, 30, S1385-S1388.	3.6	10
27	Covariance of antiproton yield and source size in nuclear collisions. <i>Physical Review C</i> , 2000, 61, .	2.9	8
28	Baryon Fluctuations from the QCD Phase Transition. <i>Acta Physica Hungarica A Heavy Ion Physics</i> , 2002, 15, 269-277.	0.4	8
29	Longitudinal dependence of two-particle momentum correlations from the hydrodynamic flow model NEXSPHERIO. <i>Physical Review C</i> , 2011, 84, .	2.9	8
30	Boltzmann-Langevin approach to pre-equilibrium correlations in nuclear collisions. <i>Physical Review C</i> , 2017, 95, .	2.9	7
31	Measuring shear viscosity using correlations. <i>Brazilian Journal of Physics</i> , 2007, 37, 1023-1030.	1.4	6
32	Long range untriggered two particle correlations. <i>European Physical Journal C</i> , 2009, 62, 277-280.	3.9	6
33	Rapidity Correlation Structures from Causal Hydrodynamics. <i>Journal of Physics: Conference Series</i> , 2016, 736, 012020.	0.4	5
34	Probing Quark Gluon Liquid Using Transverse Momentum Fluctuations. <i>Nuclear Physics A</i> , 2006, 774, 623-626.	1.5	4
35	J/ψ suppression: catching up with the comovers. <i>Nuclear Physics A</i> , 1991, 525, 693-696.	1.5	3
36	Pions in and out of equilibrium. <i>Nuclear Physics A</i> , 1992, 544, 459-462.	1.5	3

#	ARTICLE	IF	CITATIONS
37	Causal diffusion at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S77-S84.	3.6	3
38	Diffusion and Two-Particle Correlations. Acta Physica Hungarica A Heavy Ion Physics, 2006, 25, 515-524.	0.4	3
39	JETS AND FLOW EFFECTS ON TRANSVERSE MOMENTUM FLUCTUATIONS. International Journal of Modern Physics A, 2005, 20, 3786-3788.	1.5	2
40	Measuring the Rate of Isotropization of Quark-Gluon Plasma Using Rapidity Correlations. Nuclear Physics A, 2019, 982, 311-314.	1.5	2
41	Initial and final state interactions in J/ψ production. Nuclear Physics A, 1989, 498, 477-481.	1.5	1
42	Proton Fluctuations. Acta Physica Hungarica A Heavy Ion Physics, 2004, 21, 267-272.	0.4	1
43	Fluctuations from Thermalization at RHIC. Acta Physica Hungarica A Heavy Ion Physics, 2005, 24, 65-70.	0.4	1
44	Measuring viscosity at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, S835-S838.	3.6	1
45	Two Ridges, One Explanation. Nuclear Physics A, 2009, 830, 623c-624c.	1.5	1
46	Fluctuation and flow probes of early-time correlations in relativistic heavy ion collisions. Journal of Physics: Conference Series, 2012, 389, 012038.	0.4	1
47	Fluctuating Hydrodynamics Confronts the Rapidity Dependence of Transverse Momentum Fluctuations. Journal of Physics: Conference Series, 2013, 446, 012029.	0.4	1
48	Status and promise of particle interferometry in heavy-ion collisions. Brazilian Journal of Physics, 2007, 37, xxxi-xxxiv.	1.4	1
49	Antiproton suppression in heavy ion collisions. Nuclear Physics A, 1991, 527, 637-640.	1.5	0
50	Baryonometry in heavy ion collisions. Nuclear Physics A, 1991, 525, 459-462.	1.5	0
51	Strange fluctuations at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S271-S275.	3.6	0
52	Measuring the Shear Viscosity at RHIC. AIP Conference Proceedings, 2006, , .	0.4	0
53	The relationship between the soft and hard ridges. Journal of Physics: Conference Series, 2010, 230, 012029.	0.4	0
54	Long range correlations and hydrodynamic expansion. Nuclear Physics A, 2011, 854, 106-112.	1.5	0

#	ARTICLE	IF	CITATIONS
55	Rapidity Dependence of Transverse Momentum Correlations from Fluctuating Hydrodynamics. Journal of Physics: Conference Series, 2013, 458, 012005.	0.4	0
56	Probing early-time correlations in heavy ion collisions. Journal of Physics: Conference Series, 2013, 426, 012028.	0.4	0
57	Survival Probabilities of Disoriented Chiral Domains in Relativistic Heavy Ion Collisions. , 1998, , 43-53.		0