

Chunbin Yang

List of Publications by Year in descending order

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44
papers

1,048
citations

567281

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395702

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44
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal distribution of initial energy density and directed flow of charged particles in relativistic heavy-ion collisions. <i>Physical Review C</i> , 2022, 105, .	2.9	13
2	Probing the initial longitudinal density profile and electromagnetic field in ultrarelativistic heavy-ion collisions with heavy quarks. <i>Physical Review C</i> , 2022, 105, .	2.9	11
3	Transfer learning of phase transitions in percolation and directed percolation. <i>Physical Review E</i> , 2022, 105, .	2.1	4
4	Directed flow of charged particles within idealized viscous hydrodynamics at energies available at the BNL Relativistic Heavy Ion Collider and at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2021, 104, .	2.9	10
5	Perturbation solutions of relativistic viscous hydrodynamics for longitudinally expanding fireballs *. <i>Chinese Physics C</i> , 2020, 44, 084107.	3.7	8
6	Azimuthal correlations of particles in a non-central rapidity region in high energy heavy ion collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2019, 46, 035006.	3.6	0
7	1+1 dimensional relativistic magnetohydrodynamics with longitudinal acceleration. <i>Physical Review D</i> , 2019, 100, .	4.7	6
8	Pseudo-rapidity distribution from a perturbative solution of viscous hydrodynamics for heavy ion collisions at RHIC and LHC. <i>Chinese Physics C</i> , 2018, 42, 123103.	3.7	11
9	Dynamical fluctuations in temporal networks based on factorial moment approach. <i>Journal of Physics: Conference Series</i> , 2018, 1113, 012004.	0.4	0
10	Measures of azimuthal correlations in relativistic heavy ion collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2018, 45, 025105.	3.6	0
11	Hadron formation from interaction among quarks. <i>International Journal of Modern Physics E</i> , 2015, 24, 1550044.	1.0	4
12	Efficiency driven evolution of networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 433, 328-335.	2.6	1
13	FRactal properties of particles in phase space from URQMD model. <i>International Journal of Modern Physics E</i> , 2013, 22, 1350021.	1.0	7
14	STRANGENESS PRODUCTION IN RELATIVISTIC HEAVY-ION COLLISIONS IN THE QUARK RECOMBINATION MODEL. <i>International Journal of Modern Physics E</i> , 2013, 22, 1350056.	1.0	0
15	Critical fluctuations in the Bak-Sneppen model. <i>European Physical Journal B</i> , 2012, 85, 1.	1.5	1
16	Ridge formation induced by jets in $\langle \mathit{pp} \rangle$ collisions at 7 TeV. <i>Physical Review C</i> , 2011, 83, .	2.9	15
17	PRODUCTIONS OF HEAVY FLAVORED MESONS IN RELATIVISTIC HEAVY ION COLLISIONS IN THE RECOMBINATION MODEL. <i>International Journal of Modern Physics E</i> , 2011, 20, 1213-1226.	1.0	3
18	Scaling behavior of the azimuthal and centrality dependencies of jet production in heavy-ion collisions. <i>Physical Review C</i> , 2010, 81, .	2.9	9

#	ARTICLE	IF	CITATIONS
19	Hadron correlation in jets on the near and away sides of high- p_T triggers in heavy-ion collisions. Physical Review C, 2009, 79, .	2.9	9
20	Scaling and multiplicity dependence of $\langle p \langle T \rangle \rangle$ spectra in pp collisions at $\sqrt{s} = 2.76$ GeV. Nuclear Physics A. 2008. 802. 122-130.	1.5	0
21	Scaling behavior of transverse kinetic energy distributions in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Nuclear Physics A. 2008. 802. 122-130.	1.5	6
22	MULTIFRACTAL STRUCTURE OF PSEUDORAPIDITY AND AZIMUTHAL DISTRIBUTIONS OF THE SHOWER PARTICLES IN Au + Au COLLISIONS AT 200 A GeV. International Journal of Modern Physics A, 2008, 23, 2809-2816.	1.5	24
23	Azimuthal anisotropy: Ridges, recombination, and breaking of quark number scaling. Physical Review C, 2008, 78, .	2.9	23
24	Scaling of p_T distributions for p and \bar{p} produced in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2007, 76, .	2.9	8
25	Production of strange particles at intermediate p_T in central Au+Au collisions at high energies. Physical Review C, 2007, 75, .	2.9	47
26	Universal scaling of p_T distribution of particles in relativistic nuclear collisions. Physical Review C, 2007, 75, .	2.9	8
27	PARTICLE PRODUCTION AT RHIC FROM QUARK RECOMBINATION. International Journal of Modern Physics E, 2007, 16, 3148-3159.	1.0	2
28	Relating meson and baryon fragmentation functions by shower-parton recombination. Physical Review C, 2006, 73, .	2.9	11
29	Hadron production in the transfragmentation region in heavy-ion collisions. Physical Review C, 2006, 73, .	2.9	3
30	Forward production in d+Au collisions by parton recombination. Physical Review C, 2005, 71, .	2.9	42
31	Proton production in d+Au collisions and the Cronin effect. Physical Review C, 2004, 70, .	2.9	32
32	Recombination of shower partons in fragmentation processes. Physical Review C, 2004, 70, .	2.9	93
33	Dihadron correlation in jets produced in heavy-ion collisions. Physical Review C, 2004, 70, .	2.9	23
34	Scaling behavior at high p_T and the $\langle p \langle T \rangle \rangle$ ratio. Physical Review C, 2003, 67, .	2.9	279
35	Centrality Scaling of the p_T Distribution of Pions. Physical Review Letters, 2003, 90, 212301.	7.8	28
36	Scaling distributions of quarks, mesons, and proton for all p_T , energy, and centrality. Physical Review C, 2003, 67, .	2.9	94

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37	Inclusive distributions for hadronic collisions in the valon-recombination model. Physical Review C, 2002, 66, .	2.9	97
38	Parton distributions in the valon model. Physical Review C, 2002, 66, .	2.9	54
39	Centrality dependence of baryon and meson momentum distributions in proton-nucleus collisions. Physical Review C, 2002, 65, .	2.9	21
40	Strangeness enhancement in the parton model. Physical Review C, 2002, 66, .	2.9	12
41	CENTRALITY DEPENDENCE OF BARYON AND MESON MOMENTUM DISTRIBUTIONS IN PA COLLISIONS. , 2002, , .		0
42	Novel scaling behavior for the multiplicity distribution under second-order quark-hadron phase transition. Physical Review C, 1998, 58, 1183-1187.	2.9	5
43	QGP phase transition and multiplicity fluctuations. Science in China Series A: Mathematics, 1997, 40, 1065-1072.	0.5	7
44	Analytical study of factorial moments for first- and second-order phase transitions. Physical Review C, 1996, 54, 2775-2778.	2.9	17