

Chunbin Yang

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

1,048
citations

567281

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all docs

44
docs citations

44
times ranked

708
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaling behavior at high p_T and the p_T/\sqrt{s} ratio. Physical Review C, 2003, 67, .	2.9	279
2	Inclusive distributions for hadronic collisions in the valon-recombination model. Physical Review C, 2002, 66, .	2.9	97
3	Scaling distributions of quarks, mesons, and proton for all p_T , energy, and centrality. Physical Review C, 2003, 67, .	2.9	94
4	Recombination of shower partons in fragmentation processes. Physical Review C, 2004, 70, .	2.9	93
5	Parton distributions in the valon model. Physical Review C, 2002, 66, .	2.9	54
6	Production of strange particles at intermediate p_T in central Au+Au collisions at high energies. Physical Review C, 2007, 75, .	2.9	47
7	Forward production in d+Au collisions by parton recombination. Physical Review C, 2005, 71, .	2.9	42
8	Proton production in d+Au collisions and the Cronin effect. Physical Review C, 2004, 70, .	2.9	32
9	Centrality Scaling of the p_T Distribution of Pions. Physical Review Letters, 2003, 90, 212301.	7.8	28
10	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
11	Dihadron correlation in jets produced in heavy-ion collisions. Physical Review C, 2004, 70, .	2.9	23
12	Azimuthal anisotropy: Ridges, recombination, and breaking of quark number scaling. Physical Review C, 2008, 78, .	2.9	23
13	Centrality dependence of baryon and meson momentum distributions in proton-nucleus collisions. Physical Review C, 2002, 65, .	2.9	21
14	Analytical study of factorial moments for first- and second-order phase transitions. Physical Review C, 1996, 54, 2775-2778.	2.9	17
15	Ridge formation induced by jets in pp collisions at 7 TeV. Physical Review C, 2011, 83, .	2.9	15
16	Longitudinal distribution of initial energy density and directed flow of charged particles in relativistic heavy-ion collisions. Physical Review C, 2022, 105, .	2.9	13
17	Strangeness enhancement in the parton model. Physical Review C, 2002, 66, .	2.9	12
18	Relating meson and baryon fragmentation functions by shower-parton recombination. Physical Review C, 2006, 73, .	2.9	11

#	ARTICLE	IF	CITATIONS
19	Pseudo-rapidity distribution from a perturbative solution of viscous hydrodynamics for heavy ion collisions at RHIC and LHC. Chinese Physics C, 2018, 42, 123103.	3.7	11
20	Probing the initial longitudinal density profile and electromagnetic field in ultrarelativistic heavy-ion collisions with heavy quarks. Physical Review C, 2022, 105, .	2.9	11
21	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. Physical Review C, 2021, 104, .	2.9	10
22	Hadron correlation in jets on the near and away sides of high-pT triggers in heavy-ion collisions. Physical Review C, 2009, 79, .	2.9	9
23	Scaling behavior of the azimuthal and centrality dependencies of jet production in heavy-ion collisions. Physical Review C, 2010, 81, .	2.9	9
24	Scaling of p_T distributions for p and $p\hat{A}$ produced in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 76, .	2.9	8
25	Universal scaling of p_T distribution of particles in relativistic nuclear collisions. Physical Review C, 2007, 75, .	2.9	8
26	Perturbation solutions of relativistic viscous hydrodynamics for longitudinally expanding fireballs *. Chinese Physics C, 2020, 44, 084107.	3.7	8
27	QGP phase transition and multiplicity fluctuations. Science in China Series A: Mathematics, 1997, 40, 1065-1072.	0.5	7
28	FRACTAL PROPERTIES OF PARTICLES IN PHASE SPACE FROM URQMD MODEL. International Journal of Modern Physics E, 2013, 22, 1350021.	1.0	7
29	Scaling behavior of transverse kinetic energy distributions in Au + Au collisions at $\sqrt{s_{NN}}=1.5$ GeV. Nuclear Physics A, 2008, 802, 122-130.	1.5	6
30	1+1 dimensional relativistic magnetohydrodynamics with longitudinal acceleration. Physical Review D, 2019, 100, .	4.7	6
31	Novel scaling behavior for the multiplicity distribution under second-order quark-hadron phase transition. Physical Review C, 1998, 58, 1183-1187.	2.9	5
32	Hadron formation from interaction among quarks. International Journal of Modern Physics E, 2015, 24, 1550044.	1.0	4
33	Transfer learning of phase transitions in percolation and directed percolation. Physical Review E, 2022, 105, .	2.1	4
34	Hadron production in the transfragmentation region in heavy-ion collisions. Physical Review C, 2006, 73, .	2.9	3
35	PRODUCTIONS OF HEAVY FLAVORED MESONS IN RELATIVISTIC HEAVY ION COLLISIONS IN THE RECOMBINATION MODEL. International Journal of Modern Physics E, 2011, 20, 1213-1226.	1.0	3
36	PARTICLE PRODUCTION AT RHIC FROM QUARK RECOMBINATION. International Journal of Modern Physics E, 2007, 16, 3148-3159.	1.0	2

#	ARTICLE	IF	CITATIONS
37	Critical fluctuations in the Bak-Sneppen model. European Physical Journal B, 2012, 85, 1.	1.5	1
38	Efficiency driven evolution of networks. Physica A: Statistical Mechanics and Its Applications, 2015, 433, 328-335.	2.6	1
39	Scaling and multiplicity dependence of $\langle p \rangle$ and $\langle T \rangle$ spectra in pp collisions at \sqrt{s} and $\sqrt{s_N}$	1.5	0
40	STRANGENESS PRODUCTION IN RELATIVISTIC HEAVY-ION COLLISIONS IN THE QUARK RECOMBINATION MODEL. International Journal of Modern Physics E, 2013, 22, 1350056.	1.0	0
41	Dynamical fluctuations in temporal networks based on factorial moment approach. Journal of Physics: Conference Series, 2018, 1113, 012004.	0.4	0
42	Measures of azimuthal correlations in relativistic heavy ion collisions. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 025105.	3.6	0
43	Azimuthal correlations of particles in a non-central rapidity region in high energy heavy ion collisions. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 035006.	3.6	0
44	CENTRALITY DEPENDENCE OF BARYON AND MESON MOMENTUM DISTRIBUTIONS IN PA COLLISIONS. , 2002, , .		0