

Xin-Nian Wang

List of Publications by Year in descending order

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6088
citing authors

#	ARTICLE	IF	CITATIONS
1	hijing: A Monte Carlo model for multiple jet production in pp, pA, and AA collisions. Physical Review D, 1991, 44, 3501-3516.	4.7	1,353
2	Gluon shadowing and jet quenching in A+A collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 1992, 68, 1480-1483.	7.8	708
3	HIJING 1.0: A Monte Carlo program for parton and particle production in high energy hadronic and nuclear collisions. Computer Physics Communications, 1994, 83, 307-331.	7.5	700
4	Multiple collisions and induced gluon bremsstrahlung in QCD. Nuclear Physics B, 1994, 420, 583-614.	2.5	614
5	Multiple parton scattering in nuclei: parton energy loss. Nuclear Physics A, 2001, 696, 788-832.	1.5	454
6	Globally Polarized Quark-Gluon Plasma in Noncentral A+A Collisions. Physical Review Letters, 2005, 94, 102301.	7.8	358
7	Multiple Scattering, Parton Energy Loss, and Modified Fragmentation Functions in Deeply Inelastic A Scattering. Physical Review Letters, 2000, 85, 3591-3594.	7.8	355
8	High T Azimuthal Asymmetry in Noncentral A+A at RHIC. Physical Review Letters, 2001, 86, 2537-2540.	7.8	313
9	Extracting the jet transport coefficient from jet quenching in high-energy heavy-ion collisions. Physical Review C, 2014, 90, .	2.9	298
10	Landau-Pomeranchuk-Migdal effect in QCD and radiative energy loss in a quark-gluon plasma. Physical Review D, 1995, 51, 3436-3446.	4.7	262
11	A pQCD-based approach to parton production and equilibration in high-energy nuclear collisions. Physics Reports, 1997, 280, 287-371.	25.6	257
12	Jet Tomography of Hot and Cold Nuclear Matter. Physical Review Letters, 2002, 89, 162301.	7.8	252
13	Jet Quenching in the Direction Opposite to a Tagged Photon in High-Energy Heavy-Ion Collisions. Physical Review Letters, 1996, 77, 231-234.	7.8	231
14	Berry Curvature and Four-Dimensional Monopoles in the Relativistic Chiral Kinetic Equation. Physical Review Letters, 2013, 110, 262301.	7.8	229
15	Parton equilibration in relativistic heavy ion collisions. Physical Review C, 1993, 48, 1275-1284.	2.9	226
16	Chiral Anomaly and Local Polarization Effect from the Quantum Kinetic Approach. Physical Review Letters, 2012, 109, 232301.	7.8	212
17	Jet quenching in high-energy heavy-ion collisions. International Journal of Modern Physics E, 2015, 24, 1530014.	1.0	204
18	Heavy Quark Energy Loss in a Nuclear Medium. Physical Review Letters, 2004, 93, 072301.	7.8	203

#	ARTICLE	IF	CITATIONS
19	Matter in extremis: ultrarelativistic nuclear collisions at RHIC. Progress in Particle and Nuclear Physics, 2005, 54, 443-534.	14.4	199
20	Systematic study of high pT hadron spectra in pp, pA, and AA collisions at ultrarelativistic energies. Physical Review C, 2000, 61, .	2.9	198
21	Effects of initial flow velocity fluctuation in event-by-event (3+1)D hydrodynamics. Physical Review C, 2012, 86, .	2.9	166
22	Linearized Boltzmann transport model for jet propagation in the quark-gluon plasma: Heavy quark evolution. Physical Review C, 2016, 94, .	2.9	166
23	Spin alignment of vector mesons in non-central collisions. Physical Review C, 2008, 77, .	4.1	165
24	PREDICTIONS FOR p+Pb COLLISIONS AT $\sqrt{s_{NN}} = 5$. International Journal of Modern Physics E, 2013, 22, 1330007.	1.0	165
25	Effects of jet quenching on high pT hadron spectra in high-energy nuclear collisions. Physical Review C, 1998, 58, 2321-2330.	2.9	158
26	Global quark polarization in noncentral collisions. Physical Review C, 2008, 77, .	2.9	154
27	Dihadron Tomography of High-Energy Nuclear Collisions in Next-to-Leading Order Perturbative QCD. Physical Review Letters, 2007, 98, 212301.	7.8	144
28	Vortical Fluid and Spin Correlations in High-Energy Heavy-Ion Collisions. Physical Review Letters, 2016, 117, 192301.	7.8	143
29	Extraction of heavy-flavor transport coefficients in QCD matter. Nuclear Physics A, 2018, 979, 21-86.	1.5	137
30	Cherenkov Radiation from Jets in Heavy-Ion Collisions. Physical Review Letters, 2006, 96, 172302.	7.8	136
31	Polarization of massive fermions in a vortical fluid. Physical Review C, 2016, 94, .	2.9	130
32	Jet quenching and azimuthal anisotropy of large pT spectra in noncentral high-energy heavy-ion collisions. Physical Review C, 2001, 63, .	2.9	128
33	Systematic study of particle production in p+Pb collisions via the HIJING model. Physical Review D, 1992, 45, 844-856.	4.7	122
34	High-pT hadron spectra, azimuthal anisotropy and back-to-back correlations in high-energy heavy-ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 165-170.	4.1	119
35	Role of multiple minijets in high-energy hadronic reactions. Physical Review D, 1991, 43, 104-112.	4.7	118
36	Linear Boltzmann transport for jet propagation in the quark-gluon plasma: Elastic processes and medium recoil. Physical Review C, 2015, 91, .	2.9	118

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37	An equation-of-state-meter of quantum chromodynamics transition from deep learning. Nature Communications, 2018, 9, 210.	12.8	118
38	Medium-induced parton energy loss in $\hat{3}$ +jet events of high-energy heavy-ion collisions. Physical Review C, 1997, 55, 3047-3061.	2.9	116
39	Why the observed jet quenching at RHIC is due to parton energy loss. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 579, 299-308.	4.1	115
40	Small Shear Viscosity of a Quark-Gluon Plasma Implies Strong Jet Quenching. Physical Review Letters, 2007, 99, 192301.	7.8	111
41	Comparison of jet quenching formalisms for a quark-gluon plasma. Physical Review C, 2012, 86, .	2.9	108
42	Energy and Centrality Dependence of Rapidity Densities at RHIC Energies. Physical Review Letters, 2001, 86, 3496-3499.	7.8	106
43	Gluon shadowing and hadron production at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 527, 85-91.	4.1	104
44	Medium Modification of $\hat{3}$ Jets in High-Energy Heavy-Ion Collisions. Physical Review Letters, 2013, 111, 062301.	7.8	100
45	Jets, Mach Cones, Hot Spots, Ridges, Harmonic Flow, Dihadron, and $\hat{3}$ -Hadron Correlations in High-Energy Heavy-Ion Collisions. Physical Review Letters, 2011, 106, 162301.	7.8	98
46	Open charm production in an equilibrating parton plasma. Physical Review C, 1995, 51, 3326-3335.	2.9	97
47	$\hat{3}$ suppression in an equilibrating parton plasma. Physical Review C, 1996, 53, 3051-3056.	2.9	97
48	Parton Energy Loss with Detailed Balance. Physical Review Letters, 2001, 87, 142301.	7.8	96
49	Transverse expansion and high pT azimuthal asymmetry at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 301-308.	4.1	94
50	Hadron production in $\hat{3}$ + $\hat{3}$ collisions. Physical Review Letters, 2001, 87, 142301.	2.9	93
51	Multiple parton scattering in nuclei: beyond helicity amplitude approximation. Nuclear Physics A, 2003, 720, 429-451.	1.5	92
52	Heavy and light flavor jet quenching at RHIC and LHC energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 255-259.	4.1	89
53	How Disoriented Chiral Condensates Form: Quenching versus Annealing. Physical Review Letters, 1995, 74, 3126-3129.	7.8	88
54	Quark polarization in a viscous quark-gluon plasma. Physical Review C, 2011, 84, .	2.9	88

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55	Pseudorapidity distribution and decorrelation of anisotropic flow within the open-computing-language implementation CLVisc hydrodynamics. Physical Review C, 2018, 97, .	2.9	87
56	Baryon number transport via gluonic junctions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 443, 45-50.	4.1	86
57	Effects of jet-induced medium excitation in \hat{v}^3 -hadron correlation in A+A collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 86-90.	4.1	84
58	Where Is the Jet Quenching in Pb+Pb Collisions at 158 A GeV?. Physical Review Letters, 1998, 81, 2655-2658.	7.8	83
59	High PT probes of nuclear collisions. Nuclear Physics A, 1992, 538, 37-49.	1.5	81
60	Tomography of High-Energy Nuclear Collisions with Photon-Hadron Correlations. Physical Review Letters, 2009, 103, 032302.	7.8	81
61	Toward the determination of heavy-quark transport coefficients in quark-gluon plasma. Physical Review C, 2019, 99, .	2.9	81
62	Screening of initial parton production in ultrarelativistic heavy-ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 374, 20-24.	4.1	71
63	Suppression of high- p_T hadrons in Pb+Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2011, 84, .	2.9	71
64	Jet quenching and medium response in high-energy heavy-ion collisions: a review. Reports on Progress in Physics, 2021, 84, 024301.	20.1	71
65	Multiple parton scattering in nuclei: Modified Dokshitzer-Gribov-Lipatov-Altarelli-Parisi (DGLAP) evolution for fragmentation functions. Physical Review C, 2010, 81, .	2.9	70
66	Bulk matter evolution and extraction of jet transport parameters in heavy-ion collisions at energies available at the BNL Relativistic Heavy Ion Collider (RHIC). Physical Review C, 2010, 81, .	2.9	70
67	Energy dependence of jet transport parameter and parton saturation in quark-gluon plasma. Physical Review C, 2008, 77, .	2.9	68
68	Color screening in relativistic heavy ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 283, 171-173.	4.1	67
69	Disentangling covariant Wigner functions for chiral fermions. Physical Review D, 2018, 98, .	4.7	67
70	Probing parton thermalization time with charm production. Physical Review Letters, 1992, 68, 2437-2439.	7.8	66
71	JET QUENCHING AND RADIATIVE ENERGY LOSS IN DENSE NUCLEAR MATTER. , 2004, , 123-191.		63
72	Decorrelation of anisotropic flow along the longitudinal direction. European Physical Journal A, 2016, 52, 1.	2.5	60

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73	Space-time structure of initial parton production in ultrarelativistic heavy ion collisions. Physical Review D, 1994, 49, 1284-1292.	4.7	56
74	Energy loss effects on charm and bottom production in high-energy heavy-ion collisions. Physical Review C, 1998, 57, 899-907.	2.9	55
75	Dihadron fragmentation function and its evolution. Physical Review D, 2004, 70, .	4.7	55
76	Analytical and numerical Gubser solutions of the second-order hydrodynamics. Physical Review D, 2015, 91, .	4.7	55
77	Multiple jets and $\hat{\Gamma}^3$ -jet correlation in high-energy heavy-ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 707-716.	4.1	55
78	Modified Dihadron Fragmentation Functions in Hot and Nuclear Matter. Physical Review Letters, 2007, 99, 152301.	7.8	54
79	Mach Cone Induced by $\hat{\Gamma}^3$ -Triggered Jets in High-Energy Heavy-Ion Collisions. Physical Review Letters, 2011, 106, 012301.	7.8	54
80	Expansion, thermalization, and entropy production in high-energy nuclear collisions. Physical Review C, 1996, 53, 1892-1902.	2.9	52
81	Determining the jet transport coefficient \hat{q} from inclusive hadron suppression measurements using Bayesian parameter estimation. Physical Review C, 2021, 104, .	2.9	51
82	Perturbative gluon shadowing in heavy nuclei. Physical Review Letters, 1994, 72, 36-39.	7.8	49
83	Discovery of jet quenching and beyond. Nuclear Physics A, 2005, 750, 98-120.	1.5	49
84	Microscopic description for polarization in particle scattering. Physical Review C, 2019, 100, .	2.9	49
85	Energy dependence of jet quenching and lifetime of dense matter in high-energy heavy-ion collisions. Physical Review C, 2004, 70, .	2.9	47
86	Longitudinal decorrelation of anisotropic flows in heavy-ion collisions at the CERN Large Hadron Collider. Physical Review C, 2015, 91, .	2.9	46
87	Cluster structure of disoriented chiral condensate in rapidity distribution. Physical Review D, 1994, 49, R4335-R4338.	4.7	44
88	Transverse-momentum-dependent parton distribution function and jet transport in a nuclear medium. Physical Review D, 2008, 77, .	4.7	44
89	HEAVY QUARK PRODUCTION IN pp COLLISIONS. International Journal of Modern Physics A, 1995, 10, 2999-3041.	1.5	43
90	Rapidity asymmetry in high-energy d+A collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 116-122.	4.1	43

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91	Predictions for cold nuclear matter effects in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2018, 972, 18-85.	1.5	43
92	Quark coalescence model for polarized vector mesons and baryons. Physical Review C, 2018, 97, .	2.9	43
93	Kinetic Equation with Exact Charge Conservation. Physical Review Letters, 2001, 86, 5438-5441.	7.8	42
94	Interplaying mechanisms behind single inclusive jet suppression in heavy-ion collisions. Physical Review C, 2019, 99, .	2.9	42
95	Next-to-Leading Order QCD Factorization for Semi-Inclusive Deep Inelastic Scattering at Twist 4. Physical Review Letters, 2014, 112, 102001.	7.8	41
96	Multistage Monte Carlo simulation of jet modification in a static medium. Physical Review C, 2017, 96, .	2.9	41
97	Identifying the nature of the QCD transition in relativistic collision of heavy nuclei with deep learning. European Physical Journal C, 2020, 80, 1.	3.9	41
98	Improved quark coalescence model for spin alignment and polarization of hadrons. Physical Review D, 2020, 102, .	4.7	38
99	Effect of jet production on the multiplicity dependence of average transverse momentum. Physical Review D, 1989, 39, 187-194.	4.7	37
100	Interplay of soft and hard processes and hadron spectra in AA collisions. Physical Review C, 2001, 64, .	2.9	37
101	Gluon shadowing and hadron production in heavy-ion collisions at LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 133-136.	4.1	37
102	Azimuthal and single-spin asymmetry in deep-inelastic lepton-nucleon scattering. Physical Review D, 2007, 75, .	4.7	36
103	Multiple parton scattering in nuclei: twist-four nuclear matrix elements and off-forward parton distributions. Nuclear Physics A, 2002, 710, 281-302.	1.5	35
104	Initial conditions for the modified evolution of fragmentation functions in the nuclear medium. Physical Review C, 2014, 89, .	2.9	35
105	Resolving minijets in the minimum-biased events of hadronic interactions. Physical Review D, 1992, 46, R1900-R1902.	4.7	34
106	Partial U(1) restoration and $\hat{\mu}$ enhancement in high-energy heavy-ion collisions. Physical Review D, 1996, 53, 5034-5041.	4.7	34
107	Twist-4 contributions to the azimuthal asymmetry in semi-inclusive deeply inelastic scattering. Physical Review D, 2011, 83, .	4.7	33
108	Longitudinal fluctuations and decorrelations of anisotropic flows at energies available at the CERN Large Hadron Collider and at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2018, 98, .	2.9	33

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109	Azimuthal asymmetry of J/ψ suppression in non-central heavy-ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 540, 62-67.	4.1	32
110	Non-Abelian feature of parton energy loss in energy dependence of jet quenching in high-energy heavy-ion collisions. Physical Review C, 2005, 71, .	2.9	32
111	Parton energy loss and modified beam quark distribution functions in Drell-Yan process in collisions. Nuclear Physics A, 2012, 879, 77-106.	1.5	32
112	Medium modification of \hat{p}_T -jet fragmentation functions in Pb+Pb collisions at LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135783.	4.1	32
113	Dynamical versus decay photons in A + A collisions at $\sqrt{s}=200$ A GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 276, 285-289.	4.1	31
114	Domain structure of a disoriented chiral condensate from a wavelet perspective. Physical Review D, 1996, 54, 750-758.	4.7	31
115	Multiple parton scattering in nuclei: heavy quark energy loss and modified fragmentation functions. Nuclear Physics A, 2005, 757, 493-524.	1.5	31
116	Landau-Pomeranchuk-Migdal interference and Cherenkov-like gluon bremsstrahlung in dense matter. Physical Review C, 2006, 73, .	2.9	31
117	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msup} \langle \text{mml:mi} \rangle Z \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{hadron spectra in high-energy} \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle A \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{collisions}$ +jet correlation with next-to-leading-order-matched parton-shower and jet-medium interaction in high-energy nuclear collisions. Physical Review C, 2018, 98, .	2.9	31
118	Transverse flow due to minijets in collisions at $\sqrt{s}=1.8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 282, 466-470.	4.1	30
119	Multiple parton scattering in nuclei: Quark-quark scattering. Nuclear Physics A, 2007, 793, 128-170.	1.5	30
120	A.I. for nuclear physics. European Physical Journal A, 2021, 57, 1.	2.5	30
121	Nuclear modification of high- p_T hadron spectra in high-energy collisions. Physical Review C, 2012, 86, .	2.9	29
122	Predictions for p+Pb Collisions at $\sqrt{s_{NN}} = 5$ TeV: Comparison with Data. International Journal of Modern Physics E, 2016, 25, 1630005.	1.0	29
123	Pseudoscalar condensation induced by chiral anomaly and vorticity for massive fermions. Physical Review D, 2017, 95, .	4.7	29
124	Evolution of the parton dihadron fragmentation functions. Physical Review D, 2005, 72, .	4.7	27
125	Shear viscosity of hadrons with K-matrix cross sections. Physical Review C, 2013, 88, .	2.9	27
126	Jet quenching and monojet rates in ultrarelativistic nucleus-nucleus collisions. Nuclear Physics A, 1995, 590, 511-514.	1.5	26

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127	Enhancement of intermediate mass dileptons from charm decays at SPS energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 444, 245-251.	4.1	26
128	Bayesian Extraction of Jet Energy Loss Distributions in Heavy-Ion Collisions. Physical Review Letters, 2019, 122, 252302.	7.8	26
129	Azimuthal asymmetries in semi-inclusive deep inelastic scattering with polarized beam and/or target and their nuclear dependences. Physical Review D, 2014, 89, .	4.7	25
130	Multiplicity distributions in high-energy hadron-nucleus collisions. I. Formalism. Physical Review D, 1989, 39, 2561-2572.	4.7	24
131	Gradient Tomography of Jet Quenching in Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 122301.	7.8	24
132	Studying minijets via the dependence of two-particle correlation in azimuthal angle $\Delta\phi$. Physical Review D, 1993, 47, 2754-2760.	4.7	23
133	Thermal equilibration in an expanding parton plasma. Nuclear Physics B, 1996, 462, 389-411.	2.5	23
134	From Hydrodynamics to Jet Quenching, Coalescence, and Hadron Cascade: A Coupled Approach to Solving the Puzzle. Physical Review Letters, 2022, 128, 022302.	4.7	23
135	QGP modification to single inclusive jets in a calibrated transport model. Journal of High Energy Physics, 2021, 2021, 1.	4.7	22
136	Strangeness enhancement in $p+A$ and $S+A$ interactions at energies near 200 A GeV. Physical Review C, 1995, 52, 1618-1629.	2.9	21
137	Small x gluons in nuclei and hadrons. Physical Review D, 1999, 60, .	4.7	20
138	HIGH p_T JET PRODUCTION IN pp COLLISIONS. International Journal of Modern Physics A, 1995, 10, 3071-3085.	1.5	19
139	Fluctuations of rare particles as a measure of chemical equilibration. Nuclear Physics A, 2002, 697, 546-562.	1.5	19
140	Search for the Elusive Jet-Induced Diffusion Wake in Z -jets with 2D Jet Tomography in High-Energy Heavy-Ion Collisions. Physical Review Letters, 2021, 127, 082301.	7.8	19
141	Quark mass and spin effects in meson wave functions. Physical Review D, 1987, 35, 1013-1017.	4.7	18
142	Gluon shadowing and jet quenching in relativistic heavy ion collisions. Nuclear Physics A, 1992, 544, 559-564.	1.5	18
143	Dilepton and photon productions from a coherent pion oscillation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 383, 457-462.	4.1	18
144	Dynamical screening and radiative parton energy loss in a quark-gluon plasma. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 485, 157-161.	4.1	18

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145	Interference effect in elastic parton energy loss in a finite medium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 650, 213-218.	4.1	18
146	HARD PROCESSES IN HADRONIC INTERACTIONS. International Journal of Modern Physics A, 1995, 10, 2881-2883.	1.5	17
147	Enhanced event-by-event fluctuations in pion multiplicity as a signal of disoriented chiral condensates in relativistic heavy-ion collisions. Physical Review C, 2000, 62, .	2.9	17
148	Nuclear dependence of azimuthal asymmetry in semi-inclusive deep inelastic scattering. Physical Review C, 2010, 81, .	2.9	17
149	Transverse momentum in high-energy nuclear collisions: Collective expansion. Physical Review D, 1987, 35, 3409-3419.	4.7	16
150	Dileptons from disoriented chiral condensates. Physical Review C, 1998, 57, 280-290.	2.9	16
151	$3+1$ D viscous hydrodynamics at finite net baryon density: Identified particle spectra, anisotropic flows, and flow fluctuations across energies relevant to the beam-energy scan at RHIC. Physical Review C, 2022, 105, .	2.9	16
152	NUCLEAR OVERLAP FUNCTIONS. International Journal of Modern Physics A, 1995, 10, 3087-3090.	1.5	15
153	Modified fragmentation function from quark recombination. Physical Review C, 2006, 73, .	2.9	15
154	Physics perspectives of heavy-ion collisions at very high energy. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	5.1	15
155	R_{AA} vs. v_2 of heavy and light hadrons within a linear Boltzmann transport model. Nuclear and Particle Physics Proceedings, 2017, 289-290, 217-220.	0.5	15
156	Signals of a disoriented chiral condensate. Physical Review D, 1994, 50, 2277-2281.	4.7	13
157	Modified fragmentation function and jet quenching at RHIC. Nuclear Physics A, 2002, 702, 238-248.	1.5	13
158	Probe initial parton density and formation time via jet quenching. Nuclear Physics A, 2003, 715, 775c-778c.	1.5	13
159	Transverse momentum broadening in semi-inclusive deep inelastic scattering at next-to-leading order. Physical Review D, 2016, 94, .	4.7	13
160	Local and global $\hat{\nu}$ polarization in a vortical fluid. Nuclear Physics A, 2017, 967, 772-775.	1.5	13
161	Particle productivity in pp and pA collisions. Physical Review D, 1988, 38, 3394-3396.	4.7	12
162	Evolution of parton fragmentation functions at finite temperature. Physical Review D, 2003, 67, .	4.7	12

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163	Quark Matter 2006 Conference. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 1-2.	3.6	12
164	High pT hadron spectra in high-energy heavy-ion collisions. Nuclear Physics A, 1999, 661, 609-612.	1.5	11
165	Effect of longitudinal fluctuation in event-by-event (3+1)D hydrodynamics. Nuclear Physics A, 2013, 904-905, 811c-814c.	1.5	11
166	Next-to-leading order transverse momentum broadening for Drell-Yan production in p+A collisions. Physical Review D, 2016, 94, .	4.7	11
167	QLBT: a linear Boltzmann transport model for heavy quarks in a quark-gluon plasma of quasi-particles. European Physical Journal C, 2022, 82, 1.	3.9	11
168	Relics of minijets amid anisotropic flows in high-energy heavy-ion collisions. Physical Review C, 2014, 89, .	2.9	10
169	Effect of medium recoil and p_T broadening on single inclusive jet suppression in high-energy heavy-ion collisions in the high-twist approach. Physical Review C, 2017, 96, .	2.9	10
170	Parton energy loss and the generalized jet transport coefficient. Physical Review D, 2019, 100, .	4.7	10
171	Global Polarization Effect and Spin-Orbit Coupling in Strong Interaction. Lecture Notes in Physics, 2021, , 195-246.	0.7	10
172	Approach to parton equilibration. Nuclear Physics A, 1995, 590, 47-62.	1.5	9
173	JETSCAPE framework: results. Physical Review C, 2020, 102, .	2.9	9
174	Parton rescattering and gluon saturation in dijet production at EIC. Physical Review D, 2022, 105, .	4.7	9
175	Parton equilibration at RHIC and LHC. Nuclear Physics A, 1994, 566, 543-546.	1.5	8
176	\sqrt{s} -hadron spectra in pPb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2010, 82, 014907.	2.9	8
177	Shadowing of gluons in perturbative QCD: A comparison of different models. Physical Review D, 2001, 63, .	4.7	7
178	Minijet thermalization and diffusion of transverse momentum correlation in high-energy heavy-ion collisions. Physical Review C, 2010, 81, .	2.9	7
179	Probing criticality with deep learning in relativistic heavy-ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 137001.	4.1	7
180	Multiplicity distributions in high-energy hadron-nucleus collisions. II. Phenomenology. Physical Review D, 1989, 39, 2573-2585.	4.7	6

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181	High-energy nuclear collisions in the geometrical branching model. <i>Physical Review D</i> , 1990, 42, 1459-1467.	4.7	6
182	Punch-through jets in A + A collisions at RHIC/LHC. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 104067.	3.6	6
183	Multiple parton scattering in nuclei: Gauge invariance. <i>Nuclear Physics A</i> , 2009, 819, 79-97.	1.5	6
184	Transverse momentum broadening at NLO and QCD evolution of $\langle \mathbf{q} \rangle$. <i>Nuclear Physics A</i> , 2014, 931, 493-498.	1.5	6
185	Nuclear suppression of azimuthal asymmetries in semi-inclusive deep inelastic scattering off polarized targets. <i>Physical Review D</i> , 2014, 89, .	4.7	6
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