

Xin-Nian Wang

List of Publications by Year in descending order

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262
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | From Hydrodynamics to Jet Quenching, Coalescence, and Hadron Cascade: A Coupled Approach to Solving the \hat{S} - \hat{V} problem. Physical Review Letters, 2022, 128, 032302. | 4.1 | 4 |
| 2 | Modification of Z0 leptonic invariant mass in ultrarelativistic heavy ion collisions as a measure of the electromagnetic field. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136962. | 4.1 | 3 |
| 3 | Parton rescattering and gluon saturation in dijet production at EIC. Physical Review D, 2022, 105, . | 4.7 | 9 |
| 4 | 3 -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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Quenching of jets tagged with W bosons in high-energy nuclear collisions. Physical Review C, 2022, 105, . | | 3 |
| 8 | JETSCAPE Collaboration. Nuclear Physics A, 2021, 1005, 122091. | 1.5 | 0 |
| 9 | Quark polarization from parton scatterings in heavy ion collisions. Nuclear Physics A, 2021, 1005, 121786. | 1.5 | 0 |
| 10 | Effects of dissipative baryon current in heavy-ion collisions at RHIC-BES energies. Nuclear Physics A, 2021, 1005, 121827. | 1.5 | 3 |
| 11 | Longitudinal dependence of B and D meson nuclear modifications in heavy-ion collisions at RHIC and the LHC. Nuclear Physics A, 2021, 1005, 121903. | 1.5 | 0 |
| 12 | The effect of jet-induced medium excitation on \hat{p}_T/k_0 in jet in Pb-Pb collisions. Nuclear Physics A, 2021, 1005, 121934. | 1.5 | 3 |
| 13 | Parton Energy Loss in the Generalized High-Twist Approach. Nuclear Physics A, 2021, 1005, 122003. | 1.5 | 0 |
| 14 | Interplaying mechanisms behind inclusive jet R and extraction of jet energy loss distributions. Nuclear Physics A, 2021, 1005, 122032. | 1.5 | 1 |
| 15 | Jet quenching and medium response in high-energy heavy-ion collisions: a review. Reports on Progress in Physics, 2021, 84, 024301. | 20.1 | 71 |
| 16 | Global Polarization Effect and Spin-Orbit Coupling in Strong Interaction. Lecture Notes in Physics, 2021, , 195-246. | 0.7 | 10 |
| 17 | \hat{p}_T -hadron spectra in Pb - Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2021, 103, 044907. | 2.9 | 8 |
| 18 | A.I. for nuclear physics. European Physical Journal A, 2021, 57, 1. | 2.5 | 30 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | QGP modification to single inclusive jets in a calibrated transport model. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 22 |
| 20 | Hydrodynamic description of D meson production in high-energy heavy-ion collisions *. Chinese Physics C, 2021, 45, 074102. | 3.7 | 5 |
| 21 | Determining the jet transport coefficient q from inclusive hadron suppression measurements using Bayesian parameter estimation. Physical Review C, 2021, 104, . | 2.9 | 51 |
| 22 | 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 |
| 23 | Identifying the nature of the QCD transition in heavy-ion collisions with deep learning. Nuclear Physics A, 2021, 1005, 121891. | 1.5 | 3 |
| 24 | Global Polarization Effect in the Extremely Rapidly Rotating QGP in HIC. Nuclear Physics News, 2020, 30, 10-16. | 0.4 | 6 |
| 25 | JETSCAPE framework: results. Physical Review C, 2020, 102, . | 2.9 | 29 |
| 26 | Medium modification of \hat{I}^3 -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 |
| 27 | Improved quark coalescence model for spin alignment and polarization of hadrons. Physical Review D, 2020, 102, . | 4.7 | 38 |
| 28 | Longitudinal dependence of open heavy flavor RAA in relativistic heavy-ion collisions. Physical Review C, 2020, 101, . | 2.9 | 5 |
| 29 | Gradient Tomography of Jet Quenching in Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 122301. | 7.8 | 24 |
| 30 | 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 |
| 31 | Interplaying mechanisms behind single inclusive jet suppression in heavy-ion collisions. Physical Review C, 2019, 99, . | 2.9 | 42 |
| 32 | Toward the determination of heavy-quark transport coefficients in quark-gluon plasma. Physical Review C, 2019, 99, . | 2.9 | 81 |
| 33 | Bayesian Extraction of Jet Energy Loss Distributions in Heavy-Ion Collisions. Physical Review Letters, 2019, 122, 252302. | 7.8 | 26 |
| 34 | Parton energy loss and the generalized jet transport coefficient. Physical Review D, 2019, 100, . | 4.7 | 10 |
| 35 | Z+jet productions in heavy-ion collisions. Nuclear Physics A, 2019, 982, 599-602. | 1.5 | 2 |
| 36 | Longitudinal fluctuations and decorrelations of anisotropic flows in relativistic heavy-ion collisions. Nuclear Physics A, 2019, 982, 327-330. | 1.5 | 0 |

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| 37 | Classify QCD phase transition with deep learning. Nuclear Physics A, 2019, 982, 867-870. | 1.5 | 5 |
| 38 | E-by-e jet suppression, anisotropy, medium response and hard-soft tomography. Nuclear Physics A, 2019, 982, 635-638. | 1.5 | 1 |
| 39 | HIJING, a Heavy Ion Jet Interaction Generator for the High-Luminosity Era of the LHC and Beyond. Proceedings (mdpi), 2019, 10, . | 0.2 | 2 |
| 40 | Microscopic description for polarization in particle scattering. Physical Review C, 2019, 100, . | 2.9 | 49 |
| 41 | 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 |
| 42 | Quark coalescence model for polarized vector mesons and baryons. Physical Review C, 2018, 97, . | 2.9 | 43 |
| 43 | 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 |
| 44 | 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 |
| 45 | An equation-of-state-meter of quantum chromodynamics transition from deep learning. Nature Communications, 2018, 9, 210. | 12.8 | 118 |
| 46 | Revisiting heavy quark radiative energy loss in nuclei within the high-twist approach. Physical Review D, 2018, 98, . | 4.7 | 1 |
| 47 | v_2 -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 |
| 48 | 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 |
| 49 | Extraction of heavy-flavor transport coefficients in QCD matter. Nuclear Physics A, 2018, 979, 21-86. | 1.5 | 137 |
| 50 | Disentangling covariant Wigner functions for chiral fermions. Physical Review D, 2018, 98, . | 4.7 | 67 |
| 51 | Multiple jets and \hat{v}_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 |
| 52 | Identifying QCD Transition Using Deep Learning. EPJ Web of Conferences, 2018, 171, 16005. | 0.3 | 2 |
| 53 | Pseudorapidity distribution and decorrelation of anisotropic flow within the open-computing-language implementation CLVisc hydrodynamics. Physical Review C, 2018, 97, . | 2.9 | 87 |
| 54 | Pseudoscalar condensation induced by chiral anomaly and vorticity for massive fermions. Physical Review D, 2017, 95, . | 4.7 | 29 |

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| 55 | Multistage Monte Carlo simulation of jet modification in a static medium. Physical Review C, 2017, 96, . | 2.9 | 41 |
| 56 | Effect of medium recoil and $\langle \mathbf{p} \cdot \mathbf{T} \rangle$ 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 |
| 57 | Local and global \hat{b} polarization in a vortical fluid. Nuclear Physics A, 2017, 967, 772-775. | 1.5 | 13 |
| 58 | Jet-induced medium excitation in \hat{b} -hadron correlation at RHIC. Nuclear Physics A, 2017, 967, 488-491. | 1.5 | 1 |
| 59 | Heavy and light hadron production and D-hadron correlation in relativistic heavy-ion collisions. Nuclear Physics A, 2017, 967, 628-631. | 1.5 | 2 |
| 60 | 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 |
| 61 | Jet-induced medium excitations in \hat{b} -hadron correlation. Nuclear and Particle Physics Proceedings, 2017, 289-290, 317-320. | 0.5 | 0 |
| 62 | Study of \hat{b} -jet within a Linear Boltzmann Transport model. Nuclear and Particle Physics Proceedings, 2017, 289-290, 338-341. | 0.5 | 0 |
| 63 | First Results with HIJING++ in High-Energy Heavy-Ion Collisions. Nuclear and Particle Physics Proceedings, 2017, 289-290, 373-376. | 0.5 | 5 |
| 64 | Vorticity and \hat{b} polarization in event-by-event (3+1)D viscous hydrodynamics. Journal of Physics: Conference Series, 2017, 779, 012069. | 0.4 | 5 |
| 65 | Jet Quenching in High-Energy Heavy-Ion Collisions. , 2016, , 309-372. | | 1 |
| 66 | Longitudinal fluctuations and decorrelation of anisotropic flow. Nuclear Physics A, 2016, 956, 272-275. | 1.5 | 3 |
| 67 | Jet-induced medium excitation in heavy-ion collisions. Nuclear Physics A, 2016, 956, 605-608. | 1.5 | 2 |
| 68 | Medium Recoil and Jet Modification in Heavy Ion Collisions. Nuclear and Particle Physics Proceedings, 2016, 276-278, 169-172. | 0.5 | 1 |
| 69 | Gluon contribution to open heavy-meson production in heavy-ion collisions. Physical Review C, 2016, 93, . | 2.9 | 6 |
| 70 | Modification of reconstructed gamma-jets in heavy-ion collisions. Nuclear Physics A, 2016, 956, 585-588. | 1.5 | 3 |
| 71 | Vortical Fluid and $\langle \hat{b} \rangle$ Spin Correlations in High-Energy Heavy-Ion Collisions. Physical Review Letters, 2016, 117, 192301. | 7.8 | 143 |
| 72 | Predictions for p+Pb Collisions at $\sqrt{s_{NN}} = 5\text{TeV}$: Comparison with Data. International Journal of Modern Physics E, 2016, 25, 1630005. | 1.0 | 29 |

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| 73 | Transverse momentum broadening in semi-inclusive deep inelastic scattering at next-to-leading order. <i>Physical Review D</i> , 2016, 94, . | 4.7 | 13 |
| 74 | Linearized Boltzmann transport model for jet propagation in the quark-gluon plasma: Heavy quark evolution. <i>Physical Review C</i> , 2016, 94, . | 2.9 | 166 |
| 75 | Polarization of massive fermions in a vortical fluid. <i>Physical Review C</i> , 2016, 94, . | 2.9 | 130 |
| 76 | Next-to-leading order transverse momentum broadening for Drell-Yan production in p+A collisions. <i>Physical Review D</i> , 2016, 94, . | 4.7 | 11 |
| 77 | Decorrelation of anisotropic flow along the longitudinal direction. <i>European Physical Journal A</i> , 2016, 52, 1. | 2.5 | 60 |
| 78 | Physics perspectives of heavy-ion collisions at very high energy. <i>Science China: Physics, Mechanics and Astronomy</i> , 2016, 59, 1. | 5.1 | 15 |
| 79 | Linear Boltzmann transport for jet propagation in the quark-gluon plasma: Elastic processes and medium recoil. <i>Physical Review C</i> , 2015, 91, . | 2.9 | 118 |
| 80 | Medium-induced flavor conversion and kaon spectra in electron-ion collisions. <i>Physical Review C</i> , 2015, 92, . | 2.9 | 1 |
| 81 | Analytical and numerical Gubser solutions of the second-order hydrodynamics. <i>Physical Review D</i> , 2015, 91, . | 4.7 | 55 |
| 82 | Jet quenching in high-energy heavy-ion collisions. <i>International Journal of Modern Physics E</i> , 2015, 24, 1530014. | 1.0 | 204 |
| 83 | Constraining of jet medium interaction in high-energy heavy-ion collisions. <i>Journal of Physics: Conference Series</i> , 2015, 612, 012007. | 0.4 | 0 |
| 84 | QCD Evolution of Nuclear Quark-Gluon Correlation Function. <i>International Journal of Modern Physics Conference Series</i> , 2015, 37, 1560061. | 0.7 | 0 |
| 85 | Longitudinal decorrelation of anisotropic flows in heavy-ion collisions at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2015, 91, . | 2.9 | 46 |
| 86 | Higher-twist contributions to the transverse momentum broadening in semi-inclusive deep inelastic scattering off large nuclei. <i>Physical Review D</i> , 2015, 91, . | 4.7 | 1 |
| 87 | Initial conditions for the modified evolution of fragmentation functions in the nuclear medium. <i>Physical Review C</i> , 2014, 89, . | 2.9 | 35 |
| 88 | Azimuthal asymmetries in semi-inclusive deep inelastic scattering with polarized beam and/or target and their nuclear dependences. <i>Physical Review D</i> , 2014, 89, . | 4.7 | 25 |
| 89 | Relics of minijets amid anisotropic flows in high-energy heavy-ion collisions. <i>Physical Review C</i> , 2014, 89, . | 2.9 | 10 |
| 90 | Next-to-Leading Order QCD Factorization for Semi-Inclusive Deep Inelastic Scattering at Twist 4. <i>Physical Review Letters</i> , 2014, 112, 102001. | 7.8 | 41 |

| # | ARTICLE | IF | CITATIONS |
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| 91 | Jet quenching and $\hat{\Gamma}^3$ -jet correlation in high-energy heavy-ion collisions. Nuclear Physics A, 2014, 932, 447-452. | 1.5 | 4 |
| 92 | What hard probes tell us about the quark-gluon plasma: Theory. Nuclear Physics A, 2014, 932, 1-8. | 1.5 | 4 |
| 93 | Transverse momentum broadening at NLO and QCD evolution of $\langle \mathbf{q}^2 \rangle$. Nuclear Physics A, 2014, 931, 493-498. | 1.5 | 6 |
| 94 | Jet propagation within a Linearized Boltzmann Transport model. Nuclear Physics A, 2014, 932, 99-104. | 1.5 | 1 |
| 95 | Jet propagation and medium excitation in a quark-gluon plasma. Nuclear Physics A, 2014, 931, 460-464. | 1.5 | 1 |
| 96 | Quantitative extraction of the jet transport parameter from combined data at RHIC and LHC. Nuclear Physics A, 2014, 931, 404-409. | 1.5 | 2 |
| 97 | Nuclear suppression of azimuthal asymmetries in semi-inclusive deep inelastic scattering off polarized targets. Physical Review D, 2014, 89, . | 4.7 | 6 |
| 98 | Extracting the jet transport coefficient from jet quenching in high-energy heavy-ion collisions. Physical Review C, 2014, 90, . | 2.9 | 298 |
| 99 | Medium Modification of $\hat{\Gamma}^3$ Jets in High-Energy Heavy-Ion Collisions. Physical Review Letters, 2013, 111, 062301. | 1.5 | 0 |
| 100 | Parton energy loss in cold nuclei. Nuclear Physics A, 2013, 910-911, 442-445. | 1.5 | 2 |
| 101 | Effect of longitudinal fluctuation in event-by-event (3+1)D hydrodynamics. Nuclear Physics A, 2013, 904-905, 811c-814c. | 1.5 | 11 |
| 102 | Berry Curvature and Four-Dimensional Monopoles in the Relativistic Chiral Kinetic Equation. Physical Review Letters, 2013, 110, 262301. | 7.8 | 229 |
| 103 | Medium Modification of $\hat{\Gamma}^3$ Jets in High-Energy Heavy-Ion Collisions. Physical Review Letters, 2013, 111, 062301. | 7.8 | 100 |
| 104 | Shear viscosity of hadrons with K-matrix cross sections. Physical Review C, 2013, 88, . | 2.9 | 27 |
| 105 | PREDICTIONS FOR $p+Pb$ COLLISIONS AT $\sqrt{s_{NN}} = 5$. International Journal of Modern Physics E, 2013, 22, 1330007. | 1.0 | 165 |
| 106 | Title is missing!. Acta Physica Polonica B, 2012, 43, 697. | 0.8 | 1 |
| 107 | Comparison of jet quenching formalisms for a quark-gluon plasma. Physical Review C, 2012, 86, . | 2.9 | 108 |
| 108 | Nuclear modification of high- p_T hadron spectra in high-energy $p+Pb$ collisions. Physical Review C, 2012, 86, . | 2.9 | 29 |

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| 109 | Chiral Anomaly and Local Polarization Effect from the Quantum Kinetic Approach. Physical Review Letters, 2012, 109, 232301. | 7.8 | 212 |
| 110 | Effects of initial flow velocity fluctuation in event-by-event (3+1)D hydrodynamics. Physical Review C, 2012, 86, . | 2.9 | 166 |
| 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 | Twist-4 contributions to the azimuthal asymmetry in semi-inclusive deeply inelastic scattering. Physical Review D, 2011, 83, . | 4.7 | 33 |
| 113 | Dihadron and $\hat{\Gamma}^3$ -hadron correlations from jet-induced medium excitation in high-energy heavy-ion collisions. Nuclear Physics A, 2011, 855, 469-472. | 1.5 | 2 |
| 114 | Modified DGLAP evolution for fragmentation functions in nuclei and QGP. Nuclear Physics A, 2011, 855, 416-419. | 1.5 | 3 |
| 115 | Quark splitting in non-trivial $\hat{\Gamma}$ -vacuum. Nuclear Physics A, 2011, 855, 473-477. | 1.5 | 0 |
| 116 | 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 |
| 117 | Quark polarization in a viscous quark-gluon plasma. Physical Review C, 2011, 84, . | 2.9 | 88 |
| 118 | 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 |
| 119 | Mach Cone Induced by $\hat{\Gamma}^3$ -Triggered Jets in High-Energy Heavy-Ion Collisions. Physical Review Letters, 2011, 106, 012301 | 7.8 | 54 |
| 120 | Hadron production in p - p , p - Pb , and Pb - Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2011, 84, 044907 | 2.9 | 98 |
| 121 | Jets, Mach Cones, Hot Spots, Ridges, Harmonic Flow, Dihadron, and $\hat{\Gamma}^3$ -Hadron Correlations in High-Energy Heavy-Ion Collisions. Physical Review Letters, 2011, 106, 162301. | 7.8 | 98 |
| 122 | Jet Tomography of Dense Matter in High-Energy Heavy-Ion Collisions. Progress of Theoretical Physics Supplement, 2011, 187, 43-54. | 0.1 | 0 |
| 123 | Initial fluctuations and dihadron and $\hat{\Gamma}^3$ -hadron correlations in high-energy heavy-ion collisions. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124156. | 3.6 | 0 |
| 124 | Suppression of high- p_T hadrons in Pb + Pb collisions at $\sqrt{s} = 2.76$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124115. | 3.6 | 0 |
| 125 | Multiple parton scattering in nuclei: Modified Dokshitzer-Gribov-Lipatov-Altarelli-Parisi (DGLAP) evolution for fragmentation functions. Physical Review C, 2010, 81, . | 2.9 | 70 |
| 126 | Minijet thermalization and diffusion of transverse momentum correlation in high-energy heavy-ion collisions. Physical Review C, 2010, 81, . | 2.9 | 7 |

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| 127 | Nuclear dependence of azimuthal asymmetry in semi-inclusive deep inelastic scattering. Physical Review C, 2010, 81, . | 2.9 | 17 |
| 128 | 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 |
| 129 | Tomography of High-Energy Nuclear Collisions with Photon-Hadron Correlations. Physical Review Letters, 2009, 103, 032302. | 7.8 | 81 |
| 130 | Gamma-jet tomography of high-energy nuclear collisions in NLO pQCD. , 2009, , . | | 0 |
| 131 | Multiple parton scattering in nuclei: Gauge invariance. Nuclear Physics A, 2009, 819, 79-97. | 1.5 | 6 |
| 132 | Gamma-Jet Tomography of Quark-Gluon Plasma in High-Energy Nuclear Collisions. Nuclear Physics A, 2009, 830, 443c-446c. | 1.5 | 5 |
| 133 | Surface versus volume emissions in photon-hadron correlations. European Physical Journal C, 2009, 61, 825-828. | 3.9 | 0 |
| 134 | Global quark polarization in noncentral $A\text{-}A$ collisions. Physical Review C, 2008, 77, . | 2.9 | 154 |
| 135 | Transverse-momentum-dependent parton distribution function and jet transport in a nuclear medium. Physical Review D, 2008, 77, . | 4.7 | 44 |
| 136 | Punch-through jets in A + A collisions at RHIC/LHC. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 104067. | 3.6 | 6 |
| 137 | Energy dependence of the jet transport parameter and parton saturation in the quark-gluon plasma. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 104065. | 3.6 | 0 |
| 138 | Energy dependence of jet transport parameter and parton saturation in quark-gluon plasma. Physical Review C, 2008, 77, . | 2.9 | 68 |
| 139 | HEAVY ION THEORY: QCD AND MATTER IN EXTREMIS. International Journal of Modern Physics A, 2007, 22, 5474-5480. | 1.5 | 1 |
| 140 | Dihadron Tomography of High-Energy Nuclear Collisions in Next-to-Leading Order Perturbative QCD. Physical Review Letters, 2007, 98, 212301. | 7.8 | 144 |
| 141 | Small Shear Viscosity of a Quark-Gluon Plasma Implies Strong Jet Quenching. Physical Review Letters, 2007, 99, 192301. | 7.8 | 111 |
| 142 | Modified Dihadron Fragmentation Functions in Hot and Nuclear Matter. Physical Review Letters, 2007, 99, 152301. | 7.8 | 54 |
| 143 | A NLO analysis on fragility of dihadron tomography in high energy AA collisions. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, S801-S804. | 3.6 | 5 |
| 144 | Quark Matter 2006 Conference. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 1-2. | 3.6 | 12 |

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| 145 | Quark-quark double scattering in nuclei with the twist-expansion approach. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, S809-S812. | 3.6 | 2 |
| 146 | Azimuthal and single-spin asymmetry in deep-inelastic lepton-nucleon scattering. Physical Review D, 2007, 75, . | 4.7 | 36 |
| 147 | Multiple parton scattering in nuclei: Quark-quark scattering. Nuclear Physics A, 2007, 793, 128-170. | 1.5 | 30 |
| 148 | Title is missing!. Nuclear Physics A, 2007, 783, ix-x. | 1.5 | 0 |
| 149 | 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 |
| 150 | Quark-quark Double Scattering and Modified Quark Fragmentation Functions in Nuclei. Nuclear Physics A, 2007, 783, 551-554. | 1.5 | 3 |
| 151 | Cherenkov Radiation from Jets in Heavy-Ion Collisions. Physical Review Letters, 2006, 96, 172302. | 7.8 | 136 |
| 152 | Two particle correlations in jets and triggered distributions in hot and cold matter. Nuclear Physics A, 2006, 774, 561-564. | 1.5 | 1 |
| 153 | Jet and Leading Hadron Production in High-energy Heavy-ion Collisions. Nuclear Physics A, 2006, 774, 215-224. | 1.5 | 4 |
| 154 | QCD and Matter at Extreme Conditions. AIP Conference Proceedings, 2006, , . | 0.4 | 2 |
| 155 | Modified fragmentation function from quark recombination. Physical Review C, 2006, 73, . | 2.9 | 15 |
| 156 | Landau-Pomeranchuk-Migdal interference and Cherenkov-like gluon bremsstrahlung in dense matter. Physical Review C, 2006, 73, . | 2.9 | 31 |
| 157 | Spin alignment of vector mesons in non-central  overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www. Physics Letters, | 4.1 | 165 |
| 158 | Discovery of jet quenching and beyond. Nuclear Physics A, 2005, 750, 98-120. | 1.5 | 49 |
| 159 | Multiple parton scattering in nuclei: heavy quark energy loss and modified fragmentation functions. Nuclear Physics A, 2005, 757, 493-524. | 1.5 | 31 |
| 160 | QGP and modified jet fragmentation. European Physical Journal C, 2005, 43, 223-231. | 3.9 | 4 |
| 161 | Discovery of Jet Quenching and Beyond. Acta Physica Hungarica A Heavy Ion Physics, 2005, 24, 307-312. | 0.4 | 1 |
| 162 | Matter in extremis: ultrarelativistic nuclear collisions at RHIC. Progress in Particle and Nuclear Physics, 2005, 54, 443-534. | 14.4 | 199 |

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|-----|---|-----|-----------|
| 163 | High-pT hadron correlations. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S533-S539. | 3.6 | 3 |
| 164 | Evolution of the parton dihadron fragmentation functions. Physical Review D, 2005, 72, . | 4.7 | 27 |
| 165 | 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 |
| 166 | Globally Polarized Quark-Gluon Plasma in Noncentral A+A Collisions. Physical Review Letters, 2005, 94, 102301. | 7.8 | 358 |
| 167 | Jet tomography of quark gluon plasma. Brazilian Journal of Physics, 2004, 34, 1288. | 1.4 | 2 |
| 168 | Dihadron fragmentation function and its evolution. Physical Review D, 2004, 70, . | 4.7 | 55 |
| 169 | Heavy Quark Energy Loss in a Nuclear Medium. Physical Review Letters, 2004, 93, 072301. | 7.8 | 203 |
| 170 | Energy dependence of jet quenching and lifetime of dense matter in high-energy heavy-ion collisions. Physical Review C, 2004, 70, . | 2.9 | 47 |
| 171 | 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 |
| 172 | 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 |
| 173 | JET QUENCHING AND RADIATIVE ENERGY LOSS IN DENSE NUCLEAR MATTER. , 2004, , 123-191. | | 63 |
| 174 | Probe initial parton density and formation time via jet quenching. Nuclear Physics A, 2003, 715, 775c-778c. | 1.5 | 13 |
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