

List of Publications – Fuqiang Wang

(September 2014)

Refereed Journal Publications

Few Authors Publications

1. *Momentum anisotropy in nuclear collisions from quantum mechanics*, Denes Molnar, Fuqiang Wang, and Chris H. Greene, arXiv:1404.4119, 5pp. Submitted to Phys. Rev. Lett.
2. *Jet-quenching and correlations*, Fuqiang Wang, Invited review for Pramana - Journal of Physics, special issue (Physics of hot and dense matter). arXiv:1401.1758
3. *Novel phenomena in particle correlations in relativistic heavy-ion collisions*, Fuqiang Wang, Invited review, Prog. Part. Nucl. Phys. **74** (2014) 35-54. arXiv:1311.4444
4. *Eccentricity is not the only source of elliptic flow fluctuations*, Kai Xiao, Feng Liu, and Fuqiang Wang, arXiv:1307.6661. Submitted to Phys. Rev. C
5. *Event mixing does not reproduce single particle acceptance convolutions for nonuniform pseudorapidity distributions*, Lingshan Xu, Chin-Hao Chen, Fuqiang Wang, Phys. Rev. **C88** (2013) 064907. arXiv:1304.8120
6. *Event-plane decorrelation over pseudo-rapidity and its effect on azimuthal anisotropy measurement in relativistic heavy-ion collisions*, Kai Xiao, Feng Liu, and Fuqiang Wang, Phys. Rev. **C87** (2013) 011901(R)-1-5. arXiv:1208.1195
7. *Decomposition of flow and nonflow in relativistic heavy-ion collisions*, Lingshan Xu, Li Yi, Daniel Kikola, Joshua Konzer, Fuqiang Wang, and Wei Xie, Phys. Rev. **C86** (2012) 024910-1-15. arXiv:1204.2815
8. *Nonflow “factorization” and a novel method to disentangle anisotropic flow and nonflow*, Daniel Kikola, Li Yi, ShinIchi Esumi, Fuqiang Wang, Wei Xie, Phys. Rev. **C86** (2012) 014901-1-7. arXiv:1110.4809
9. *Possibility to disentangle anisotropic flow, flow fluctuation, and nonflow*, Li Yi, Fuqiang Wang, Aihong Tang, J. Phys. G: Nucl. Part. Phys. **40** (2013) 035111-1-9. arXiv:1101.4646
10. *Effects of nuclear absorption on the lambda-bar/p-bar ratio in relativistic heavy ion collisions*, Fuqiang Wang, Marlene Nahrgang, and Marcus Bleicher, Phys. Rev. **C85** (2012) 031902(R)-1-5. arXiv:1011.4289
11. *Effects of cluster particle correlations on local parity violation observables*, Fuqiang Wang, Phys. Rev. **C81** (2010) 064902-1-9, arXiv:0911.1482.
12. *Spectra and radial flow at RHIC with Tsallis statistics in a blast-wave description*, Z. Tang *et al.*, Phys. Rev. **C79** (2009) 051901-1-5. arXiv:0812.1609
13. *What flow-background to subtract in jet-like azimuthal correlation*, Quan Wang and Fuqiang Wang, Phys. Rev. **C81** (2010) 014907-1-7. arXiv:0901.0703
14. *Non-flow correlations*, Quan Wang and Fuqiang Wang, Phys. Rev. **C81** (2010) 064905-1-8. arXiv:0812.1176
15. *Anisotropic flow background to jet-correlation relative to reaction plane*, Joshua Konzer and Fuqiang Wang, Nucl. Instrum. and Methods **A606** (2009) 713-716. arXiv:0810.3282
16. *Cumulant versus jet-like three-particle correlations*, Jason G. Ulery and Fuqiang Wang, Phys. Rev. **C79** (2009) 024904-1-13. arXiv:nucl-ex/0609017
17. *Analysis method for jet-like three-particle azimuthal correlations*, Jason G. Ulery and Fuqiang Wang, Nucl. Instrum. Meth. **A595** (2008) 502-511. arXiv:nucl-ex/0609016
18. *Correlation between the charged kaon ratio and the baryon phase-space density in heavy-ion collisions*, Fuqiang Wang, Phys. Lett. **B489** (2000) 273-279. arXiv:nucl-ex/9911004
19. *Systematic study of the Kaon to pion multiplicity ratios in heavy-ion collisions*, F. Wang *et al.*, Phys. Rev. **C61** (2000) 064904-1-10. arXiv:nucl-th/9909001
20. *Novel rapidity dependence of directed flow in high energy heavy ion collisions*, R.J.M. Snellings, H. Sorge, S.A. Voloshin, F.Q. Wang, and N. Xu, Phys. Rev. Lett. **84** (2000) 2803-2805. arXiv:nucl-ex/9908001

21. *Baryon phase-space density in heavy-ion collisions*, Fuqiang Wang and Nu Xu, Phys. Rev. **C61** (2000) 021904(R)-1-4. arXiv:nucl-th/9909002
22. *Implications of the unusual structure in the pp correlations from Pb+Pb collisions at 158 AGeV*, David A. Brown, Fuqiang Wang, and Pawel Danielewicz, Phys. Lett. **B470** (1999) 33-38. arXiv:nucl-th/9908033
23. *Residual correlation in two-proton interferometry from lambda-proton strong interactions*, Fuqiang Wang, Phys. Rev. **C60** (1999) 067901-1-3. arXiv:nucl-th/9907032
24. *Lambda-proton correlations in relativistic heavy ion collisions*, Fuqiang Wang and Scott Pratt, Phys. Rev. Lett. **83** (1999) 3138-3141. arXiv:nucl-th/9907019
25. *Deuterons and space-momentum correlations in high energy nuclear collisions*, B. Monreal *et al.*, Phys. Rev. **C60** (1999) 031901(R)-1-4. arXiv:nucl-th/9904080
26. *Remnants of initial anisotropic high energy density domains in nucleus-nucleus collisions*, Fuqiang Wang and Heinz Sorge, Phys. Rev. **C59** (1999) 1603-1608. arXiv:nucl-th/9811006

Publications with CMS Collaboration (only Relativistic Heavy-Ion Physics)

27. *Long-range two-particle correlations of strange hadrons with charged particles in pPb and PbPb collisions at LHC energies*, CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). arXiv:1409.3392
28. *Measurement of jet fragmentation in PbPb and pp collisions at $\sqrt{s_{nn}} = 2.76$ TeV*, CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Phys. Rev. **C90** (2014) 024908. arXiv:1406.0484
29. *Studies of dijet pseudorapidity distributions and transverse momentum balance in pPb collisions at 5.02 TeV*, CMS Collaboration (Serguei Chatrchyan *et al.*), Eur. Phys. J. **C74** (2014) 2951, 35 pp. arXiv:1401.4433
30. *Event activity dependence of $Y(ns)$ production in $\sqrt{s_{nn}} = 5.02$ TeV pPb and $\sqrt{s}=2.76$ TeV pp collisions*, CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). **JHEP** 1404 (2014) 103, 37 pp. arXiv:1312.6300
31. *Evidence of b-jet quenching in PbPb collisions at 2.76 TeV*, CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). 27 pp. arXiv:1312.4198
32. *Studies of azimuthal dihadron correlations in ultra-central PbPb collisions at 2.76 TeV*, CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*), **JHEP** **1402** (2014) 088, 38 pp. arXiv:1312.1845
33. *Measurement of higher-order harmonic azimuthal anisotropy in PbPb collisions at a nucleon-nucleon center-of-mass energy of 2.76 TeV*, CMS Collaboration (Serguei Chatrchyan *et al.*), Phys. Rev. **C89** (2014) 044906, 59 pp. arXiv:1310.8651
34. *Modification of jet shapes in PbPb collisions at 2.76 TeV*, CMS Collaboration (Serguei Chatrchyan *et al.*), Phys. Lett. **B730** (2014) 243-263. arXiv:1310.0878
35. *Study of the production of charged pions, kaons, and protons in pPb collisions at 7 TeV*, CMS Collaboration (Serguei Chatrchyan *et al.*), Eur. Phys. J. **C74** (2014) 2847, 37 pp. arXiv:1307.3442
36. *Multiplicity and transverse momentum dependence of two- and four-particle correlations in p+Pb and Pb+Pb collisions*, CMS Collaboration (Serguei Chatrchyan *et al.*), Phys. Lett. **B724** (2013) 213-240. arXiv:1305.0609
37. *Observation of long-range near-side angular correlations in proton-lead collisions at the LHC*, CMS Collaboration (Serguei Chatrchyan *et al.*), Phys. Lett. **B718** (2013) 795-814. arXiv:1210.5482

Publications with STAR Collaboration

38. *Isolation of flow and nonflow correlations by two- and four-particle cumulant measurements of azimuthal harmonics in $\sqrt{s_{nn}}=200$ GeV Au+Au collisions*, N.M. Abdelwahab *et al.* (STAR Collaboration), arXiv:1409.2043. Submitted to Phys. Lett. B
39. *Charged-to-neutral correlation at forward rapidity in Au+Au collisions at 200 GeV*, L. Adamczyk *et al.* (STAR Collaboration), arXiv:1408.5017
40. *The Lambda-Lambda correlation function in Au+Au collisions at $\sqrt{s_{nn}} = 200$ GeV*, L. Adamczyk *et al.* (STAR Collaboration), arXiv:1408.4360
41. *Elliptic flow of non-photonic electrons in Au+Au collisions at $\sqrt{s_{nn}}= 200, 62.4$ and 39 GeV*, L. Adamczyk *et al.* (STAR Collaboration), arXiv:1405.6348. Submitted to Phys. Lett. B

42. *Precision measurement of the longitudinal double-spin asymmetry for inclusive jet production in polarized proton collisions at $\sqrt{s} = 200$ GeV*, L. Adamczyk *et al.* (STAR Collaboration), arXiv:1405.5134
43. *Measurement of longitudinal spin asymmetries for weak boson production in polarized proton-proton collisions at RHIC*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. Lett. **113** (2014) 72301, arXiv:1404.6880
44. *Observation of d^0 meson nuclear modifications in Au+Au collisions at $\sqrt{s_{nn}} = 200$ GeV*, L. Adamczyk *et al.* (STAR Collaboration), arXiv:1404.6185
45. *Beam-energy dependence of charge separation along the magnetic field in Au+Au collisions at RHIC*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. Lett. **113** (2014) 052302. arXiv:1404.1433
46. *Beam energy dependent two-pion interferometry and the freeze-out eccentricity of pions in heavy ion collisions at STAR*, L. Adamczyk *et al.* (STAR Collaboration), arXiv:1403.4972
47. *Dielectron azimuthal anisotropy at mid-rapidity in Au+Au collisions at $\sqrt{s_{nn}} = 200$ GeV*, L. Adamczyk *et al.* (STAR Collaboration), arXiv:1402.1791
48. *Event-plane dependent dihadron correlations with harmonic v_n subtraction in Au+Au collisions at 200 GeV*, H. Agakishiev *et al.* (STAR Collaboration), Phys. Rev. **C89** (2014) 041901. arXiv:1404.1070
49. *Beam energy dependence of moments of the net-charge multiplicity distributions in Au+Au collisions at RHIC*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. Lett. **113** (2014) 092301. arXiv:1402.1558
50. *Beam-energy dependence of directed flow of protons, antiprotons and pions in Au+Au collisions*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. Lett. **112** (2014) 162301. arXiv:1401.3043
51. *Dielectron mass spectra from Au+Au collisions at $\sqrt{s_{nn}} = 200$ GeV*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. Lett. **113** (2014) 022301. arXiv:1312.7397
52. *Suppression of upsilon production in d+Au and Au+Au collisions at $\sqrt{s_{nn}} = 200$ GeV*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Lett. **B735** (2014) 127. arXiv:1312.3675
53. *J/ Ψ polarization in p+p collisions at $\sqrt{s} = 200$ GeV in STAR*, L. Adamczyk *et al.* (STAR Collaboration), arXiv:1311.1621
54. *J/ Ψ production at low p_T in Au+Au and Cu+Cu collisions at $\sqrt{s_{nn}} = 200$ GeV at STAR*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. **C90** (2014) 024906. arXiv:1310.3563
55. *Energy dependence of moments of net-proton multiplicity distributions at RHIC*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. Lett. **112** (2014) 32302. arXiv:1309.5681
56. *Neutral pion cross section and spin asymmetries at intermediate pseudorapidity in polarized proton collisions at $\sqrt{s} = 200$ GeV*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. **D89** (2014) 012001. arXiv:1309.1800
57. *Measurement of charge multiplicity asymmetry correlations in high energy nucleus-nucleus collisions at 200 GeV*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. **C89** (2014) 044908. arXiv:1303.0901
58. *Jet-hadron correlations in $\sqrt{s_{nn}} = 200$ GeV Au+Au and p+p collisions*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. Lett. **112** (2014) 122301. arXiv:1302.6184
59. *Fluctuations of charge separation perpendicular to the event plane and local parity violation in $\sqrt{s_{nn}} = 200$ GeV Au+Au collisions at RHIC*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. **C88** (2013) 064911. arXiv:1302.3802
60. *Freeze-out dynamics via charged kaon femtoscopy in $\sqrt{s_{nn}} = 200$ GeV central Au+Au collisions*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. **C88** (2013) 034906. arXiv:1302.3168
61. *System size dependence of transverse momentum correlations at RHIC*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. **C87** (2012) 064902. arXiv:1301.6633
62. *Third harmonic flow of charged particles in Au+Au collisions at $\sqrt{s_{nn}} = 200$ GeV*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. **C88** (2013) 014904. arXiv:1301.2187
63. *Elliptic flow of identified hadrons in Au+Au collisions at $\sqrt{s_{nn}} = 7.7-62.4$ GeV*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. **C88** (2013) 014902. arXiv:1301.2348
64. *Observation of an energy-dependent difference in elliptic flow between particles and antiparticles in relativistic heavy ion collisions*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. Lett. **110** (2013) 142301. arXiv:1301.2347

65. *Measurement of J/Ψ azimuthal anisotropy in Au+Au collisions at $\sqrt{s_{nn}} = 200$ GeV*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. Lett. **111** (2013) 052301. arXiv:1212.3304
66. *Studies of di-jets in Au+Au collisions using angular correlations with respect to back-to-back leading hadrons*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. **C87** (2013) 044903. arXiv:1212.1653
67. *J/Ψ production at high transverse momenta in p+p and Au+Au collisions at $\sqrt{s_{nn}} = 200$ GeV*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Lett. **B722** (2013) 55. arXiv:1208.2736
68. *Inclusive charged hadron elliptic flow in Au+Au collisions at $\sqrt{s_{nn}} = 7.7$ -39 GeV*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. **C86** (2012) 054908. arXiv:1206.5528
69. *Single spin asymmetry A_n in polarized proton-proton elastic scattering at $\sqrt{s} = 200$ GeV*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Lett. **B719** (2013) 62. arXiv:1206.1928
70. *Transverse single-spin asymmetry and cross-section for $|\pi^0$ and η mesons at large Feynman-x in polarized p+p collisions at $\sqrt{s} = 200$ GeV*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. **D86** (2012) 051101. arXiv:1205.6826
71. *Longitudinal and transverse spin asymmetries for inclusive jet production at mid-rapidity in polarized p+p collisions at $\sqrt{s} = 200$ GeV*, L. Adamczyk *et al.* (STAR Collaboration), L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. **D86** (2012) 32006. arXiv:1205.2735
72. *Measurements of D^0 and D^* production in p + p collisions at $\sqrt{s} = 200$ GeV*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. **D86** (2012) 072013. arXiv:1204.4244
73. *Di-electron spectrum at mid-rapidity in p+p collisions at $\sqrt{s} = 200$ GeV*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. **C86** (2012) 024906. arXiv:1204.1890
74. *Directed flow of identified particles in Au+Au collisions at $\sqrt{s_{nn}} = 200$ GeV at RHIC*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. Lett. **108** (2012) 202301, arXiv:1112.3930
75. *Measurement of the $w \rightarrow e\nu$ and $Z/\gamma^* \rightarrow e^+e^-$ production cross sections at mid-rapidity in proton-proton collisions at $\sqrt{s} = 500$ GeV*, L. Adamczyk *et al.* (STAR Collaboration), Phys. Rev. **D85** (2012) 092010. arXiv:1112.2980
76. *Energy and system-size dependence of two- and four-particle v_2 measurements in heavy-ion collisions at RHIC and their implications on flow fluctuations and nonflow*, G. Agakishiev *et al.* (STAR Collaboration), Phys. Rev. **C86** (2012) 014904. arXiv:1111.5637
77. *Identified hadron compositions in p+p and Au+Au collisions at high transverse momenta at $\sqrt{s_{nn}} = 200$ GeV*, G. Agakishiev *et al.* (STAR Collaboration), Phys. Rev. Lett. **108** (2012) 72302. arXiv:1110.0579
78. *Directed and elliptic flow of charged particles in Cu+Cu collisions at $\sqrt{s_{nn}} = 22.4$ GeV*, H. Agakishiev *et al.* (STAR Collaboration), Phys. Rev. **C85** (2012) 014901. arXiv:1109.5446
79. *Anomalous centrality evolution of two-particle angular correlations from au-au collisions at $\sqrt{s_{nn}} = 62$ and 200 GeV*, H. Agakishiev *et al.* (STAR Collaboration), Phys. Rev. **C86** (2012) 064902. arXiv:1109.4380
80. *ρ^0 photoproduction in Au+Au collisions at $\sqrt{s_{nn}} = 62.4$ GeV with star*, Phys. Rev. **C85** (2012) 014910. arXiv:1107.4630
81. *Strangeness enhancement in Cu+Cu and Au+Au $\sqrt{s_{nn}} = 200$ GeV collisions*, H. Agakishiev *et al.* (STAR Collaboration), Phys. Rev. Lett. **108** (2012) 072301. arXiv:1107.2955
82. *Evolution of the differential transverse momentum correlation function with centrality in Au+Au collisions at $\sqrt{s_{nn}} = 200$ GeV*, H. Agakishiev *et al.* (STAR Collaboration), Phys. Lett. **B704** (2011) 467. arXiv:1106.4334
83. *Observation of the antimatter Helium-4 nucleus*, H. Agakishiev *et al.* (STAR Collaboration), Nature **473** (2011) 353. arXiv:1103.3312
84. *High p_T non-photonic electron production in p+p collisions at $\sqrt{s} = 200$ GeV*, H. Agakishiev *et al.* (STAR Collaboration), Phys. Rev. **D83** (2011) 052006. arXiv:1102.2611
85. *Event-plane dependent dihadron correlations with harmonic v_n subtraction in Au+Au collisions at 200 GeV*, H. Agakishiev *et al.* (STAR Collaboration), Phys. Rev. **C89** (2014) 041901. arXiv:1404.1070
86. *Measurements of dihadron correlations relative to the event plane in Au+Au collisions at $\sqrt{s_{nn}} = 200$ GeV*, H. Agakishiev *et al.* (STAR Collaboration), arXiv:1010.0690. Submitted to Phys. Rev. C
87. *Strange and multi-strange particle production in Au+Au collisions at $\sqrt{s_{nn}} = 62.4$ GeV*, M. M. Aggarwal, *et al.* (STAR Collaboration), Phys. Rev. **C83** (2011) 024901. arXiv:1010.0142

88. *Measurement of the parity-violating longitudinal single-spin asymmetry for w^+ boson production in polarized proton-proton collisions at $\sqrt{s} = 500$ GeV*, M. M. Aggarwal, *et al.* (STAR Collaboration), Phys. Rev. Lett. **106** (2011) 062002. arXiv:1009.0326
89. *Scaling properties at freeze-out in relativistic heavy ion collisions*, M. M. Aggarwal, *et al.* (STAR Collaboration), Phys. Rev. **C83** (2011) 034910. arXiv:1008.3133
90. *An experimental exploration of the QCD phase diagram: the search for the critical point and the onset of deconfinement*, M. M. Aggarwal, *et al.* (STAR Collaboration), arXiv:1007.2613
91. *Measurement of the bottom contribution to non-photon electron production in p+p collisions at $\sqrt{s} = 200$ GeV*, M. M. Aggarwal, *et al.* (STAR Collaboration), Phys. Rev. Lett. **105** (2010) 202301, arXiv:1007.1200
92. *K^*0 production in cu+cu and Au+Au collisions at $\sqrt{s_{nn}} = 62.4$ GeV and 200 GeV*, M. M. Aggarwal, *et al.* (STAR Collaboration), Phys. Rev. **C84** (2011) 034909, arXiv:1006.1961
93. *Balance functions from Au+Au, d+Au, and p+p collisions at $\sqrt{s_{nn}} = 200$ GeV*, M. M. Aggarwal, *et al.* (STAR Collaboration), Phys. Rev. **C82** (2010) 024905, arXiv:1005.2307
94. *Higher moments of net-proton multiplicity distributions at RHIC*, M. M. Aggarwal, *et al.* (STAR Collaboration), Phys. Rev. Lett. **105** (2010) 022302, arXiv:1004.4959
95. *Azimuthal di-hadron correlations in d+Au and Au+Au collisions at $\sqrt{s_{nn}}=200$ GeV from STAR*, M. M. Aggarwal, *et al.* (STAR Collaboration), Phys. Rev. **C82** (2010) 024912-1-14, arXiv:1004.2377
96. *Pion femtoscopy in p+p collisions at $\sqrt{s} = 200$ GeV*, M. M. Aggarwal, *et al.* (STAR Collaboration), Phys. Rev. **C83** (2010) 064905, arXiv:1004.0925
97. *Observation of an antimatter hypernucleus*, B.I. Abelev *et al.* (STAR Collaboration), Science **328** (2010) 58, arXiv:1003.2030
98. *Longitudinal scaling property of the charge balance function in Au+Au collisions at 200 GeV*, M. M. Aggarwal, *et al.* (STAR Collaboration), Phys. Lett. **B690** (2010) 239-244, arXiv:1002.1641
99. *Charged and strange hadron elliptic flow in Cu+Cu collisions at $\sqrt{s_{nn}} = 62.4$ and 200 GeV*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. **C81** (2010) 0449021-1-14, arXiv:1001.5052
100. *Upsilon cross section in p+p collisions at $\sqrt{s} = 200$ GeV*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. **D82** (2010) 012004-1-17, arXiv:1001.2745
101. *Three-particle coincidence of the long range pseudorapidity correlation in high energy nucleus-nucleus collisions*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. Lett. **105** (2010) 022301. arXiv:0912.3977
102. *Inclusive π^0 , eta, and direct photon production in p+p and d+Au collisions at $\sqrt{s_{nn}} = 200$ GeV*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. **C81** (2010) 064904-1-26, arXiv:0912.3838
103. *Studying parton energy loss in heavy-ion collisions via direct-photon and charged-particle azimuthal correlations*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. **C82** (2010) 034909-1-8, arXiv:0912.1871
104. *Observation of $\pi^+\pi^-\pi^+\pi^-$ photoproduction in ultra-peripheral heavy ion collisions at STAR*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. **C81** (2010) 044901-1-9, arXiv:0912.0604
105. *Identified high- p_T spectra in Cu+Cu collisions at $\sqrt{s_{nn}} = 200$ GeV*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. **C81** (2010) 054907-1-8, arXiv:0911.3130
106. *Longitudinal double-spin asymmetry and cross section for inclusive neutral pion production at midrapidity in polarized proton collisions at $\sqrt{s_{nn}} = 200$ GeV*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. **D80** (2009) 111108(R)-1-7, arXiv:0911.2773
107. *Longitudinal spin transfer to Lambda and anti-Lambda hyperons in polarized proton-proton collisions at $\sqrt{s} = 200$ GeV*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. **D80** (2009) 111102(R)-1-7, arXiv:0910.1428
108. *Identified particle production, azimuthal anisotropy, and interferometry measurements in Au+Au collisions at $\sqrt{s_{nn}} = 9.2$ GeV*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. **C81** (2010) 024911-1-19, arXiv:0909.4131
109. *Observation of charge-dependent azimuthal correlations and possible local strong parity violation in heavy ion collisions*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. **C81** (2010) 054908-1-16, arXiv:0909.1717

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111. *Yields and elliptic flow of \overline{d} and ^3He in Au+Au collisions at $\sqrt{s_{nn}} = 200$ GeV*, B.I. Abelev *et al.* (STAR Collaboration), arXiv:0909.0566
112. *Long range rapidity correlations and jet production in high energy nuclear collisions*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. **C80** (2009) 064912-1-9, arXiv:0909.0191
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114. *Center of mass energy and system-size dependence of photon production at forward rapidity at RHIC*, B.I. Abelev *et al.* (STAR Collaboration), Nucl. Phys. **A832** (2009) 134-147, arXiv:0906.2260
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116. *System size dependence of associated yields in hadron-triggered jets*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Lett. **B683** (2010) 123-128, arXiv:0904.1722
117. *J/Ψ production at high transverse momentum in p+p and Cu+Cu collisions at $\sqrt{s_{nn}} = 200$ GeV*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. **C80** (2009) 041902-1-6, arXiv:0904.0439
118. *Pion interferometry in Au+Au and Cu+Cu collisions at RHIC*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. **C80** (2009) 024905-1-12, arXiv:0903.1296
119. *K/pi fluctuations at relativistic energies*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. Lett. **103** (2009) 092301-1-6, arXiv:0901.1795
120. *Measurement of D^* mesons in jets from p+p collisions at $\sqrt{s} = 200$ GeV*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. **D79** (2009) 112006-1-7, arXiv:0901.0740
121. *Observation of two-source interference in the photoproduction reaction AuAu \rightarrow AuAu ρ^0* , B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. Lett. **102** (2009) 112301-1-7, arXiv:0812.1063
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123. *Measurements of phi meson production in relativistic heavy-ion collisions at RHIC*, B.I. Abelev *et al.* (STAR Collaboration), Phys. Rev. **C79** (2009) 064903-1-20, arXiv:0809.4737
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