

Публикации в журналах сотрудников Лаборатории Релятивистской Ядерной Физики ПИЯФ за 2010-2013 год

Работы, опубликованные в журналах.

№	Авторы	Название работы	Точная ссылка на опубликованные раб.
1	2	3	4
1	V. Guzey, E. Kryshen, M. Zhalov(PNPI), , M. Strikman(PSU)	Evidence for nuclear gluon shadowing from the ALICE measurements of PbPb ultraperipheral exclusive J/ψ production	Phys.Lett. B726 (2013) 290-295
2	V. Guzey, M. Zhalov(PNPI)	Exclusive J/ψ production in ultraperipheral collisions at the LHC: constrains on the gluon distributions in the proton and nuclei	JHEP 1310 (2013) 207
3.	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..)	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC	JHEP 1309 (2013) 049
4.	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Charge correlations using the balance function in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Phys.Lett. B723 (2013) 267-279
5	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE	Phys.Rev. C88 (2013) 044909
6	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Centrality dependence of π, K, p production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Phys.Rev. C88 (2013) 044910
7	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV measured by ALICE	Eur.Phys.J. C73 (2013) 2496
8	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	D meson elliptic flow in non-central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Phys.Rev.Lett. 111 (2013) 102301
9	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen,	Long-range angular correlations of π, K and p	Phys.Lett. B726 (2013) 164-

	A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	177
10	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Measurement of the inclusive differential jet cross section in pp collisions at $\sqrt{s} = 2.76$ TeV	Phys.Lett. B722 (2013) 262-272
11	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Long-range angular correlations on the near and away side in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV.	Phys.Lett. B719 (2013) 29-41
12	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in p-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV.	Phys.Rev.Lett. 110 (2013) 082302
13	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Pseudorapidity density of charged particles p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV.	Phys.Rev.Lett. 110 (2013) 032301
14	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Coherent J/Psi photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Phys.Lett. B718 (2013) 1273-1283
15	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE.	Eur.Phys.J. C73 (2013) 2456
16	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Centrality Dependence of Charged Particle Production at Large Transverse Momentum in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	Phys.Lett. B720 (2013) 52-62
17	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s} = 7$ TeV.	Phys.Lett. B721 (2013) 13-23
18	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Net-Charge Fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Phys.Rev.Lett. 110 (2013) 152301
19	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	Phys.Rev.Lett. 110 (2013) 012301
20	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Phys.Lett.B 719 (2013) 18-28

21	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	$v(1S+2S+3S)$ production in $d+Au$ and $p+p$ collisions at $\sqrt{s_{NN}}=200$ GeV and cold-nuclear matter effects	Phys.Rev. D87 (2013) 044009
22	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	<u>Double Spin Asymmetry of Electrons from Heavy Flavor Decays in $p+p$ Collisions at $\sqrt{s}=200$ GeV</u>	Phys.Rev. D87 (2013) 012011
23	Ya.Berdnikov, D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI)	Electromagnetic and hadron signatures of quark-gluon plasma in heavy-ion collisions at 62.4 GeV in the PHOENIX experiment on the RHIC	Bull.Russ.Acad.Sci.Phys. 77 (2013) 900-903, Izv.Ross.Akad.Nauk. 77 (2013) 988-991
24	Ya. Berdnikov, D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI)	Dielectron measurements during heavy ion collisions at $\sqrt{s_{NN}}=200$ GeV in the PHENIX experiment at RHIC	Bull.Russ.Acad.Sci.Phys. 77 (2013) 904-907, Izv.Ross.Akad.Nauk. 77 (2013) 992-996
25	Бердников А.Я., Головин А.В., Иванищев Д.А., Котов Д.О., Рябов В.Г., Рябов Ю.Г.	Выход электронов от полулептонных распадов частиц, содержащих тяжелые кварки, в протон-протонных столкновениях при энергии 200 ГэВ.	№1(165)2013 "НТБ СПбГУ. Физико-математические науки", стр. 159-163.
26	Бердников А.Я., Головин А.В., Иванищев Д.А., Котов Д.О., Рябов В.Г., Рябов Ю.Г.	Измерение выходов частиц, содержащих тяжелые кварки, в столкновениях ядер золота при энергии 200 ГэВ.	№2(170)2013 "НТБ СПбГУ. Физико-математические науки", стр. 171-176.
27	Бердников А.Я., Головин А.В., Иванищев Д.А., Котов Д.О., Рябов В.Г., Рябов Ю.Г.	Измерение эллиптического потока частиц, содержащих тяжелые кварки, в столкновениях ядер золота при энергии 200 ГэВ.	№2(170)2013 "НТБ СПбГУ. Физико-математические науки", стр. 176-181.
28	Бердников А.Я., Головин А.В., Иванищев Д.А., Котов Д.О., Рябов В.Г., Рябов Ю.Г.	Измерение факторов ядерной модификации для электронов от полулептонных распадов частиц, содержащих тяжелые кварки.	№4(182)2013 "НТБ СПбГУ. Физико-математические науки.
29	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Production of $K^*(892)^0$ and $\phi(1020)$ in pp collisions at $\sqrt{s}=7$ TeV.	Eur.Phys.J. C72 (2012) 2183
30	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Pion, Kaon, and Proton Production in Central Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV.	Phys.Rev.Lett. 109 (2012) 252301
31	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen,	D_s meson production at central rapidity in	Phys.Lett. B718 (2012) 279-

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33	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	$K_0^* - K_0^*$ correlations in pp collisions at $\sqrt{s} = 7$ TeV from the LHC ALICE experiment.	Phys.Lett. B717 (2012) 151-161
34	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Production of muons from heavy flavour decays at forward rapidity in pp and Pb-Pb collisions at 2.76 TeV.	Phys.Rev.Lett. 109 (2012) 112301
35	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	. Measurement of prompt and non-prompt J/ψ production cross sections at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV.	JHEP 1211 (2012) 065
36	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Neutral pion and η meson production in proton-proton collisions at $\sqrt{s} = 0.9$ TeV and $\sqrt{s} = 7$ TeV	Phys.Lett. B717 (2012) 162-172
37	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV.	Eur.Phys.J. C72 (2012) 2124
38	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Multi-strange baryon production in pp collisions at $(s)^{1/2} = 7$ TeV with ALICE.	Phys.Lett. B712 (2012) 309-318
39	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Inclusive J/ψ production in pp collisions at $\sqrt{s} = 2.76$ TeV	Phys.Lett. B718 (2012) 295-306
40	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Suppression of high transverse momentum D mesons in central Pb--Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	JHEP 1209 (2012) 112
41	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Heavy flavour decay muon production at forward rapidity in proton--proton collisions at $\sqrt{s} = 7$ TeV.	Phys.Lett. B708 (2012) 265-275
42	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	J/ψ Production as a Function of Charged Particle Multiplicity in pp Collisions at $\sqrt{s} = 7$ TeV	Phys.Lett. B712 (2012) 165-175
43	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen,	J/ψ suppression at forward rapidity in Pb-Pb	Phys.Rev.Lett. 109 (2012)

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44	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Measurement of Event Background Fluctuations for Charged Particle Jet Reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	JHEP 1203 (2012) 053
45	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Underlying Event measurements in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the ALICE experiment at the LHC	JHEP 1207 (2012) 116
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47	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Higher harmonic anisotropic flow measurements of charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	Phys.Rev.Lett. 107 (2011) 032301
48	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV	JHEP 1201 (2012) 128
49	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	J/psi polarization in pp collisions at $\sqrt{s}=7$ TeV	Phys.Rev.Lett. 108 (2012) 082001
50	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Particle-yield modification in jet-like azimuthal di-hadron correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	Phys.Rev.Lett. 108 (2012) 092301
51	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Harmonic decomposition of two-particle angular correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Phys.Lett. B708 (2012) 249-264
52	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Rapidity and transverse momentum dependence of inclusive J/psi production in pp collisions at $\sqrt{s} = 7$ TeV	Phys.Lett. B704 (2011) 442-455
53	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Strange particle production in proton-proton collisions at $\sqrt{s} = 0.9$ TeV with ALICE at the LHC	Eur.Phys.J.C71:1594,2011
54	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Centrality dependence of the charged-particle multiplicity density at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Phys.Rev.Lett.106:032301,2011

55	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Production of pions, kaons and protons in pp collisions at $\sqrt{s}=900$ GeV with ALICE at the LHC	Eur.Phys.J.C71:1655,2011
56	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Femtoscopy of pp collisions at $\sqrt{s}=0.9$ and 7 TeV at the LHC with two-pion Bose-Einstein correlations	Phys.Rev. D84 (2011) 112004
57	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Two-pion Bose-Einstein correlations in central PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV	Phys.Lett.B696:328-337,2011
59	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Suppression of Charged Particle Production at Large Transverse Momentum in Central Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV	Phys.Lett.B696:30-39,2011
60	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Charged-particle multiplicity density at mid-rapidity in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV	Phys.Rev.Lett. 105, 232501, 2010
61	Я.А. Бердников, М.Б. Жалов, В.А. Ребякова	Жесткий померон Доннечи-Лендшоффа в когерентном фоторождении ρ мезонов при малых переданных импульсах	Научно-технические ведомости СПбГПУ. Физико-математические науки. 2011. №3 (112)
62	V. Rebyakova, M. Strikman, M. Zhalov(PNPI)	Coherent ρ and J/ψ photoproduction in ultraperipheral processes with electromagnetic dissociation of heavy ions at RHIC and LHC.	Phys.Lett. B710 (2012) 647-653
63	C.A. Salgado, ... Zhalov (PNPI)... et al	Proton-Nucleus Collisions at the LHC: Scientific Opportunities and Requirements	J.Phys.G G39 (2012) 015010
64	Я.А. Бердников, М.Б. Жалов, В.А. Ребякова	Когерентное фоторождение легких векторных мезонов в ультрапериферических протон-протонных столкновениях на Большом Адронном Коллайдере	Научно-технические ведомости СПбГПУ, физико-математические науки, 4(109), 2010
65	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Charged-particle multiplicity density at mid-rapidity in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV	Phys.Rev.Lett. 105, 232501, 2010
66	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Elliptic flow of charged particles in Pb-Pb collisions at 2.76 TeV	Phys.Rev. Lett. 105, 232502, 2010
67	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen,	Transverse momentum spectra of charged	Phys.Lett.B693:53-68,2010

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68	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Two-pion Bose-Einstein correlations in pp collisions at $\sqrt{s}=900$ GeV	Phys.Rev. D82 (2010) 052001
69	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Midrapidity antiproton-to-proton ratio in pp collisions at $\sqrt{s} = 0.9$ and 7-TeV measured by the ALICE experiment	Phys.Rev.Lett.105:072002,2010
70	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s} = 7$ TeV with ALICE at LHC	Eur.Phys.J.C68:345-354,2010
71	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s} = 0.9$ and 2.36 TeV with ALICE at LHC	Eur.Phys.J.C68:89-108,2010
72	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks	JINST 5:P03003,2010
73	Alice Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	First proton-proton collisions at the LHC as observed with the ALICE detector: Measurement of the charged particle pseudorapidity density at $s^{**}(1/2) = 900$-GeV	Eur.Phys.J.C65:111-125,2010
74	V. Rebyakova, (St. Petersburg Polytechnic Inst.) , M. Strikman, (Penn State U.) , M. Zhalov, (St. Petersburg, INP)	The LHC potential for study of the small x gluon physics in ultraperipheral collisions of 3.5-TeV protons	Phys.Rev.D81:031501,2010
75	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. et al.)	J/ψ suppression at forward rapidity in Au+Au collisions at $\sqrt{sNN}=39$ and 62.4 GeV	Phys.Rev. C86 (2012) 064901
76	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. et al.)	Measurement of Direct Photons in Au+Au Collisions at $\sqrt{sNN}=200$ GeV	Phys.Rev.Lett. 109 (2012) 152302
77	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. et al.)	Evolution of π^0 suppression in Au+Au collisions from $\sqrt{sNN}=39$ to 200 GeV	Phys.Rev.Lett. 109 (2012) 152301
78	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. et al.)	Nuclear-Modification Factor for Open-Heavy-Flavor Production at Forward Rapidity in Cu+Cu Collisions at $\sqrt{sNN}=200$ GeV	Phys.Rev. C86 (2012) 024909

79	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Deviation from quark-number scaling of the anisotropy parameter v_2 of pions, kaons, and protons in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV	Phys.Rev. C85 (2012) 064914
80	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Cross sections and double-helicity asymmetries of midrapidity inclusive charged hadrons in $p+p$ collisions at $\sqrt{s}=62.4$ GeV	Phys.Rev. D86 (2012) 092006
81	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Suppression of back-to-back hadron pairs at forward rapidity in $d+Au$ Collisions at $\sqrt{s_{NN}}=200$ GeV	Phys.Rev.Lett. 107 (2011) 172301
82	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Observation of direct-photon collective flow in $\sqrt{s_{NN}}=200$ GeV Au+Au collisions	Phys.Rev.Lett. 109 (2012) 122302
83	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Measurements of Higher-Order Flow Harmonics in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV	Phys.Rev.Lett. 107 (2011) 252301
84	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Production of ω mesons in $p+p$, $d+Au$, $Cu+Cu$, and Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV	Phys.Rev. C84 (2011) 044902
85	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Ground and excited charmonium state production in $p+p$ collisions at $s\sqrt{=}200$ GeV	Phys.Rev. D85 (2012) 092004
86	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Study of heavy-ion collisions in the PHENIX experiment: Survey of the most recent results	Phys.Atom.Nucl. 74 (2011) 453-461, Yad.Fiz. 74 (2011) 474-482
87	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	J/ψ suppression at forward rapidity in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV	Phys.Rev. C84 (2011) 054912
88	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Identified charged hadron production in $p+p$ collisions at $\sqrt{s}=200$ and 62.4 GeV	Phys.Rev. C83 (2011) 064903
89	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Azimutal correlations from heavy flavor Decay..... at $\sqrt{s_{NN}}=200$ GeV	Phys.Rev. C83 (2011) 044912
90	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Suppression of away side jet at $\sqrt{s_{NN}}=200$ GeV	Phys.Rev. C84 (2011) 024904

91	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Cold nuclear matter effects ...	Phys.Rev.Lett. 107 (2011) 142301
92	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Cross section and double helicity asymmetry for η mesons and their comparison to neutral pion production in p+p collisions at $\sqrt{s}=200\text{GeV}$	Phys.Rev. D83 (2011) 032001
93	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Measurement of Transverse Single-Spin Asymmetries for J/ψ Production in Polarized p+p Collisions at $\sqrt{s}=200\text{ GeV}$	Phys.Rev. D82 (2010) 112008, Erratum-ibid. D86 (2012) 099904
94	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Event structure and double helicity Asymmetry	Phys.Rev. D84 (2011) 012006
95	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Cross section and parity	Phys.Rev.Lett. 106 (2011) 062001
96	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Azimuthal anisotropy ...	Phys.Rev.Lett. 105 (2010) 142301
97	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	High pt direct photon ...	Phys.Rev. D82 (2010) 072001
98	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Transverse momentum dependence of meson suppression η suppression in Au+Au collisions at $\sqrt{s_{NN}} = 200\text{ GeV}$	Phys.Rev. C82 (2010) 011902
99	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Measurement of neutral mesons in p+p collisions at (\sqrt{s})= 200 GeV and scaling properties of hadron production	Phys.Rev. D83 (2011) 052004
100	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Heavy Quark Production in p+p and Energy Loss and Flow of Heavy Quarks in Au+Au Collisions at $\sqrt{s_{NN}}=200\text{ GeV}$	Phys.Rev. C84 (2011) 044905
101	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Nuclear modification factors of ϕ mesons in d+Au, Cu+Cu and Au+Au collisions at $\sqrt{s_{NN}}=200\text{ GeV}$	Phys.Rev. C83 (2011) 024909
102	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov,	Elliptic and hexadecapole flow of charged hadrons in Au+Au collisions at $\sqrt{s_{NN}}=200\text{ GeV}$	Phys.Rev.Lett. 105 (2010) 062301

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103	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Trends in Yield and Azimuthal Shape Modification in Dihadron Correlations in Relativistic Heavy Ion Collisions	Phys.Rev.Lett. 104 (2010) 252301