

ЛАБОРАТОРИЯ РЕЛЯТИВИСТСКОЙ ЯДЕРНОЙ ФИЗИКИ –

Опубликованные в журналах статьи в 2018

1	03.09	JHEP 1809 (2018) 006	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	ALICE Coll. ,PNPI- (V.Ivanov, E.Kryshen, A.Khazadeev, M.Malaev, V.Nikulin, V.Riabov, Yu.Riabov, V.Samsonov, M.Zhalov)
2	09.10	JHEP 1810 (2018) 061	Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV	ALICE Coll.
3	25.07	JHEP 1807 (2018) 160	Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV	ALICE Coll.
4	09.07	Eur.Phys.J. C78 (2018) no.7, 562	Measurement of the inclusive J/ψ polarization at forward rapidity in pp collisions at $\sqrt{s}=8$ TeV	ALICE Coll.
5	10.10	Phys.Lett. B785 (2018) 419-428	Inclusive J/ψ production in Xe–Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV	ALICE Coll.
6	12.09	JHEP 1809 (2018) 064	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV	ALICE Coll.
7	10.09	Phys.Lett. B784 (2018) 82-95	Anisotropic flow in Xe-Xe collisions at $\sqrt{s_{NN}}=5.44$ TeV	ALICE Coll.
8	07.07	Eur.Phys.J. C78 (2018) no.7, 559	φ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV	ALICE Coll.
9	16.07	JHEP 1807 (2018) 103	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ and 2.76 TeV	ALICE Coll.
10	10.10	Phys.Lett. B785 (2018) 320-331	Azimuthally-differential pion femtoscopy relative to the third harmonic event plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	ALICE Coll.
11	04.10	Phys.Rev. C98 (2018) no.4, 044901	Neutral pion and η meson production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	ALICE Coll.
12	08.02	Eur.Phys.J. C78 (2018) no.6, 466	Prompt and non-prompt J/ψ production and nuclear modification at mid-rapidity in p–Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	ALICE Coll.
13	06.03	Eur.Phys.J. C78 (2018) no.8, 624	Neutral pion and η meson production in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	ALICE Coll.
14	18.04	JHEP 1804 (2018) 108	Λc production in pp collisions at $\sqrt{s}=7$ TeV and in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	ALICE Coll.
15	10.05	Phys.Lett. B783 (2018) 95-113	Constraints on jet quenching in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV measured by the event-activity dependence of semi-inclusive hadron-jet distributions	ALICE Coll.
16	10.06	Phys.Lett. B781 (2018) 8-19	First measurement of Ξc production in pp collisions at $\sqrt{s} = 7$ TeV	ALICE Coll.
17	10.07	Phys.Lett. B780 (2018) 372-383	Measurement of Z0-boson production at large rapidities in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	ALICE Coll.

18	10.06	Phys.Lett. B781 (2018) 20-32	Longitudinal asymmetry and its effect on pseudorapidity distributions in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	ALICE Coll.
19	06.03	Nucl.Phys. A971 (2018) 1-20	Production of 4He and anti- 4He in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV at the LHC	ALICE Coll.
20	21.02	Phys.Rev. C97 (2018) no.2, 024615	Production of deuterons, tritons, 3He nuclei and their antinuclei in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV	ALICE Coll.
21	10.05	Phys.Lett. B780 (2018) 7-20	Search for collectivity with azimuthal J/ψ -hadron correlations in high multiplicity p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ and 8.16 TeV	ALICE Coll.
22	10.02	Phys.Lett. B777 (2018) 151-162	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	ALICE Coll.
23	11.02	Nucl.Instrum.Meth. A881 (2018) 88-127	The ALICE Transition Radiation Detector: construction, operation, and performance	ALICE Coll.
24	12.02	Phys.Rev. C97 (2018) no.2, 024906	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	ALICE Coll.
25	26.03	Eur.Phys.J. C78 (2018) no.3, 263	π^0 and η meson production in proton-proton collisions at $\sqrt{s}=8$ TeV	ALICE Coll.
26	09.03	Phys.Rev.Lett. 120 (2018) no.10, 102301	D-meson azimuthal anisotropy in midcentral Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	ALICE Coll.
27	10.01	Phys.Lett. B776 (2018) 91-104	J/ψ production as a function of charged-particle pseudorapidity density in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	ALICE Coll.
28	10.01	Phys.Lett. B776 (2018) 249-264	First measurement of jet mass in Pb-Pb and p-Pb collisions at the LHC	ALICE Coll.
29	22.10	JHEP 1810 (2018) 139	Medium modification of the shape of small-radius jets in central PbPb collisions at 2.76 TeV	ALICE Coll.
30	30.07	Phys.Rev. D98 (2018) no.1, 012006	Single-spin asymmetry of J/ψ production in pp, pAl, and pAu collisions with transversely polarized proton beams at $\sqrt{s_{NN}}=200$ GeV	PHENIX Coll-n, PNPI - (D.Ivanishev, D.Kotov, B.Komkov, A.Khanzadeev, V.Riabov, Yu.Riabov. V.Samsonov)
31	14.08	Phys.Rev. D98 (2018) no.3, 032007	Cross section and longitudinal single-spin asymmetry AL for forward $W^{\pm} \rightarrow \mu^{\pm}\nu$ production in polarized pp collisions at $\sqrt{s}=510$ GeV	PHENIX Collaboration
32	26.07	Phys.Rev. C98 (2018) no.1, 014912	Measurement of emission angle anisotropy via long-range angular correlations with high pT hadrons in d+Au and p+p collisions at $\sqrt{s_{NN}}=200$ GeV	PHENIX Collaboration
33	11.06	Phys.Rev. C97 (2018) 064904	Measurements of mass-dependent azimuthal anisotropy in central p+Au, d+Au, and $3\text{He}+\text{Au}$ collisions at $\sqrt{s_{NN}}=200$ GeV	PHENIX Collaboration
34	14.06	Phys.Rev. C97 (2018) no.6, 064911	Lévy-stable two-pion Bose-Einstein correlations in $\sqrt{s_{NN}}=200$ GeV Au+Au collisions	PHENIX Collaboration
35	06.0	Phys.Rev.Lett. 120	Measurements of Multiparticle Correlations	PHENIX

5	2	(2018) no.6, 062302	in d+Au Collisions at 200, 62.4, 39, and 19.6 GeV and p+Au Collisions at 200 GeV and Implications for Collective Behavior	Collaboration
3 6	08.0 1	Phys.Rev.Lett. 120 (2018) no.2, 022001	Nuclear Dependence of the Transverse-Single-Spin Asymmetry for Forward Neutron Production in Polarized p+A Collisions at $\sqrt{s_{NN}}=200$ GeV	PHENIX Collaboration
3 7	17.1 0	Phys.Rev. D98 (2018) 072004	Nonperturbative transverse-momentum-dependent effects in dihadron and direct photon-hadron angular correlations in pp collisions at $\sqrt{s}=200$ GeV	PHENIX Collaboration
			ВНЕ КОЛЛАБОРАЦИИ ПО ТЕМАТИКЕ LHC	
3 8	10.0 7	Phys.Lett. B782 (2018) 251-255	Photoproduction of light vector mesons in Xe–Xe ultraperipheral collisions at the LHC and the nuclear density of Xe-129	V. Guzey, E.Kryshen, M.Zhalov
3 9	15.0 4	Acta Phys.Polon. B49 (2018) 741-784	Nucleon and nuclear structure through dilepton production	I.V. Anikin <i>et al.</i> Guzey,V.
4 0	18.0 4	Eur.Phys.J. C78 (2018) no.4, 309	First global next-to-leading order determination of diffractive parton distribution functions and their uncertainties within the xFitter framework	Muhammad Goharipour , Hamzeh Khanpour (IPM, Tehran), Vadim Guzey (Jyvaskyla U. & St. Petersburg, INP)
4 1	04.0 1	Eur.Phys.J. C78 (2018) no.1, 7	Effects of next-to-leading order DGLAP evolution on generalized parton distributions of the proton and deeply virtual Compton scattering at high energy	Hamzeh Khanpour (IPM, Tehran), Muhammad Goharipour (Islamic Azad U.), Vadim Guzey (St. Petersburg, INP)
4 2	29.1 1	Phys. Rev. Lett. 121, 222301, 2018	Pseudorapidity Dependence of Particle Production and Elliptic Flow in Asymmetric Nuclear Collisions of p+Al, p+Au, d+Au, and 3He+Au at $\sqrt{s_{NN}}=200$ GeV	PHENIX Collaboration
4 3	19.1 1	Phys. Rev. C 98, 054903,2018	Production of π^0 and η mesons in Cu+Au collisions at $\sqrt{s_{NN}}=200$ GeV	PHENIX Collaboration
4 4	29.1 0	JHEP 1810 (2018) 174	Measurement of D^0 , D^+ , D^{*+} and D_s^+ production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	ALICE Collaboration
4 5	06.1 1	JHEP 1811 (2018) 013	Transverse momentum spectra and nuclear modification factors of charged particles in pp, p-Pb and Pb-Pb collisions at the LHC	ALICE Collaboration
4 6	09.1 1	Phys. Rev. D 98, 092006,2018	Measurement of ϕ -meson production at forward rapidity in p+p collisions at $\sqrt{s}=510$ GeV and its energy dependence from $\sqrt{s}=200$ GeV to 7 TeV	PHENIX Collaboration

