

Список публикаций в научных цитируемых журналах / List of publication in journals with impact factor:

- 1) **First measurement of the Sivers asymmetry for gluons from SIDIS data**, COMPASS Collaboration, Phys.Lett. B772 (2017) 854-864
- 2) **Measurement of the neutrino mixing angle θ_{23} in NOvA**, NOvA Collaboration, Phys.Rev.Lett. 118 (2017) no.15, 151802
- 3) **Constraints on Oscillation Parameters from ν_e Appearance and ν_μ Disappearance in NOvA**, NOvA Collaboration, Phys.Rev.Lett. 118 (2017) no.23, 231801
- 4) **First measurement of transverse-spin-dependent azimuthal asymmetries in the Drell-Yan process**, COMPASS Collaboration, Phys.Rev.Lett. 119 (2017) no.11, 112002
- 5) **Search for active-sterile neutrino mixing using neutral-current interactions in NOvA**, NOvA Collaboration, Phys.Rev. D96 (2017) no.7, 072006
- 6) **Search for muoproduction of $X(3872)$ at COMPASS and indication of a new state $X^-(3872)$** , COMPASS Collaboration, Phys.Lett. B783 (2018) 334-340
- 7) **New analysis of $\eta\pi$ tensor resonances measured at the COMPASS experiment**, JPAC and COMPASS Collaboration, Phys.Lett. B779 (2018) 464-472
- 8) **Transverse-momentum-dependent Multiplicities of Charged Hadrons in Muon-Deuteron Deep Inelastic Scattering**, COMPASS Collaboration, Phys.Rev. D97 (2018) no.3, 032006
- 9) **Longitudinal double-spin asymmetry A_{11} and spin-dependent structure function g_{11} of the proton at small values of x and Q^2** , COMPASS Collaboration, Phys.Lett. B781 (2018) 464-472
- 10) **K^- over K^+ multiplicity ratio for kaons produced in DIS with a large fraction of the virtual-photon energy**, COMPASS Collaboration, Phys.Lett. B786 (2018) 390-398
- 11) **Light isovector resonances in $\pi^- p \rightarrow \pi^- \pi^- \pi^+ p$ at 190 GeV/c**, COMPASS Collaboration, Phys.Rev. D98 (2018) no.9, 092003
- 12) **Slow magnetic monopoles search in NOvA**, A. Antoshkin, M. Frank [DOI: 10.1051/epjconf/201817704002]
- 13) **New constraints on oscillation parameters from ν_e appearance and ν_μ disappearance in the NOvA experiment**, NOvA Collaboration, Phys.Rev. D98 (2018) 032012
- 14) **Measurement of P_T weighted Sivers asymmetries in leptonproduction of hadrons**, COMPASS Collaboration, [arXiv:1809.02936], Nucl.Phys.B 940 (2019) 34-53
- 15) **Measurement of Neutrino-Induced Neutral-Current Coherent π^0 Production in the NOvA Near Detector**, M.A. Acero et al. (NOvA collaboration), FERMILAB-PUB-19-047-ND, [arXiv:1902.00558], Phys.Rev.D 102 (2020) 1, 012004

- 16) **Measurement of the cross section for hard exclusive π^0 lepton production**, COMPASS Collaboration, CERN-EP-2019-049, [arXiv:1903.12030], Phys.Lett.B 805 (2020) 135454
- 17) **Observation of seasonal variation of atmospheric multiple-muon events in the NOvA Near Detector**, M.A. Acero et al. (NOvA collaboration), Phys.Rev. D99 (2019) no.12, 122004, [arXiv:1904.12975]
- 18) **Transverse extension of partons in the proton probed in the sea-quark range by measuring the DVCS cross section**, COMPASS Collaboration, Phys.Lett. B793 (2019) 188-194
- 19) **First Measurement of Neutrino Oscillation Parameters using Neutrinos and Antineutrinos by NOvA**, M.A. Acero et al. (NOvA collaboration), Phys.Rev.Lett 123 (2019) no.15, 151803
- 20) **Search for Slow Magnetic Monopoles with the NOvA Detector on the Surface**, NOvA Collaboration, e-Print: 2009.04867 [hep-ex], Phys.Rev.D 103 (2021) 1, 012007
- 21) **JINR stand measurements for improvements in the NOvA detector simulation chain**, N. Anfimov (Dubna, JINR), A. Antoshkin (Dubna, JINR), A. Aurisano (Cincinnati U.), O. Samoylov (Dubna, JINR), A. Sotnikov (Dubna, JINR), JINST 15 (2020) 06, C06066
- 22) **Supernova neutrino detection in NOvA**, NOvA Collaboration, JCAP 10 (2020) 014.
- 23) **Antiproton over proton and K^- over K^+ multiplicity ratios at high z in DIS**, COMPASS Collaboration, Phys.Lett.B 807 (2020) 135600
- 24) **Search for multimessenger signals in NOvA coincident with LIGO/Virgo detections**, NOvA Collaboration, Phys.Rev.D 101 (2020) 11, 112006
- 25) **Spin Density Matrix Elements in Exclusive ω Meson Muoproduction**, COMPASS Collaboration, Eur.Phys.J.C 81 (2021) 2, 126, e-Print: 2009.03271 [hep-ex].
- 26) **Triangle Singularity as the Origin of the $a_1(1420)$** , COMPASS Collaboration, Phys.Rev.Lett. 127 (2021) 8, 082501, e-Print: 2006.05342 [hep-ph].
- 27) **Adjusting Neutrino Interaction Models and Evaluating Uncertainties using NOvA Near Detector Data**, NOvA Collaboration, Eur.Phys.J.C 80 (2020) 12, 1119, e-Print: 2006.08727 [hep-ex].
- 28) **Seasonal variation of multiple-muon cosmic ray air showers observed in the NOvA detector on the surface**, NOvA Collaboration M.A. Acero (U. Atlantico, Barranquilla) et al. (May 9, 2021), Phys.Rev.D 104 (2021) 1, 012014
- 29) **Extended search for supernovalike neutrinos in NOvA coincident with LIGO/Virgo detections**, NOvA Collaboration M.A. Acero (U. Atlantico, Barranquilla) et al. (Jun 10, 2021), Phys.Rev.D 104 (2021) 6, 063024
- 30) **Searching for solar KDAR with DUNE**, DUNE Collaboration A. Abed Abud (Liverpool U. and CERN) et al. (Jul 19, 2021), JCAP 10 (2021) 065

Список прочих публикаций / List of publication in journals without impact factor:

- 1) **Search for active-sterile antineutrino mixing using neutral-current interactions with the NOvA experiment**, NOvA Collaboration M.A. Acero(U. Atlantico, Barranquilla) et al. (Jun 8, 2021), e-Print: 2106.04673 [hep-ex]
- 2) **Design, construction and operation of the ProtoDUNE-SP Liquid Argon TPC**, DUNE Collaboration A. Abed Abud et al. (Aug 4, 2021), e-Print: 2108.01902 [physics.ins-det]
- 3) **An Improved Measurement of Neutrino Oscillation Parameters by the NOvA Experiment**, NOvA Collaboration M.A. Acero et al. (Aug 18, 2021), e-Print: 2108.08219 [hep-ex]
- 4) **Low exposure long-baseline neutrino oscillation sensitivity of the DUNE experiment**, DUNE Collaboration A. Abed Abud et al. (Sep 3, 2021), e-Print: 2109.01304 [hep-ex]
- 5) **Measurement of the Double-Differential Muon-neutrino Charged-Current Inclusive Cross Section in the NOvA Near Detector**, NOvA Collaboration M.A. Acero et al. (Sep 24, 2021), e-Print: 2109.12220 [hep-ex]
- 6) **Letter of Intent: A New QCD facility at the M2 beam line of the CERN SPS (COMPASS++/AMBER)**, COMPASS Collaboration, [arXiv:1808.00848]
- 7) **NOvA test bench at JINR** (<http://nova-docdb.fnal.gov:8080/cgi-bin/ShowDocument?docid=14987>)
- 8) **Remote Operation Center at Dubna for NOvA experiment** (<http://novadocdb.fnal.gov:8080/cgi-bin/ShowDocument?docid=15766>)
- 9) **NOvA test bench at JINR**, AYSS-2016 Proceedings of the Conference, Dubna, March 14-18