

Публикации ведущей организации **ФГБУ «ГНЦ РФ – Институт физики высоких энергий» НИЦ «Курчатовский институт»**
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1. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.),
Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV
JHEP 1507 (2015) 162
2. PHENIX Collaboration (C. Aidala (Los Alamos & Michigan U.) et al.),
Nuclear matter effects on J/ψ production in asymmetric Cu + Au collisions at $\sqrt{s_{NN}} = 200$ GeV
Phys. Rev. C 90 (2014) 064908
3. LHCb Collaboration (Roel Aaij (NIKHEF, Amsterdam) et al.),
Search for Majorana neutrinos in $B^- \rightarrow \pi^+\mu^-\mu^-$ decays
Phys. Rev. Lett. 112 (2014) 131802
4. PHENIX Collaboration (A. Adare (Colorado U.) et al.),
Cold-Nuclear-Matter Effects on Heavy-Quark Production at Forward and Backward Rapidity in d + Au Collisions at $\sqrt{s_{NN}} = 200$ GeV
Phys. Rev. Lett. 112 (2014) 252301
5. V. V. Ammosov (Serpukhov, IHEP) et al.,
Measurement of the yields of positively charged particles at an angle of 35° in proton interactions with nuclear targets at an energy of 50 GeV
Phys. Atom. Nucl. 76 (2013) 1213-1218, Yad. Fiz. 76 (2013) 275-1280
6. V. S. Burtovoy (Serpukhov, IHEP),
Coherent production of $(K\pi^0)$ pairs on nuclei in a charged-kaon beam
Phys. Atom. Nucl. 76 (2013) 450-456, Yad. Fiz. 76 (2013) 488-493
7. Belle Collaboration (B. H. Kim (Seoul Natl. U.) et al.),
Search for an H-dibaryon with mass near $2m_\Lambda$ in Y(1S) and Y(2S) decays
Phys. Rev. Lett. 110 (2013) 222002
8. K. G. Klimenko (Serpukhov, IHEP & Dubna U., Protvino Branch), R. N. Zhokhov (Serpukhov, IHEP), V. Ch. Zhukovsky (Moscow State U.),
Superconducting phase transitions induced by chemical potential in (2+1)-dimensional four-fermion quantum field theory
Phys. Rev. D 86 (2012) 105010
9. PHENIX Collaboration (A. Adare (Colorado U.) et al.),
Cold-nuclear-matter effects on heavy-quark production in d + Au collisions at $\sqrt{s_{NN}} = 200$ GeV
Phys. Rev. Lett. 109 (2012) 242301
10. A. Bolshakova (Dubna, JINR) et al.,
Cross-sections of large-angle hadron production in proton-- and pion--nucleus interactions VIII: aluminium nuclei and beam momenta from ± 3 GeV/c to ± 15 GeV/c
Eur. Phys. J. C 72 (2012) 1882
11. D. Ebert (Humboldt U., Berlin), T. G. Khunjua (Moscow State U.), K. G. Klimenko (Serpukhov, IHEP & Dubna U., Protvino Branch), V. Ch. Zhukovsky (Moscow State U.),
Charged pion condensation phenomenon of dense baryonic matter induced by finite volume: The NJL(2) model consideration

Int. J. Mod. Phys. A 27 (2012) 1250162

12 N. M. Agababyan (Dubna, JINR), V. V. Ammosov (Serpukhov, IHEP), M. Atayan, L. Grigoryan, N. Grigoryan, H. Gulkanyan (Yerevan Phys. Inst.), A. A. Ivanilov (Serpukhov, IHEP), Zh. Karamyan (Yerevan Phys. Inst.), V. A. Korotkov (Serpukhov, IHEP),
A Study of the double hadron neutrino production on nuclei
Phys. Atom. Nucl. 74 (2011) 246-252

13. D. Ebert (Humboldt U., Berlin), K. G. Klimenko (Serpukhov, IHEP & Dubna U., Protvino Branch),
Cooper pairing and finite-size effects in a NJL-type four-fermion model
Phys. Rev. D 82 (2010) 025018

14. I. E. Frolov, V. Ch. Zhukovsky (Moscow State U.), K. G. Klimenko (Serpukhov, IHEP & Dubna U., Protvino Branch),
Chiral density waves in quark matter within the Nambu-Jona-Lasinio model in an external magnetic field
Phys. Rev. D 82 (2010) 076002

15. V. Ch. Zhukovsky (Moscow State U.), K. G. Klimenko (Serpukhov, IHEP & Dubna U., Protvino Branch), I. E. Frolov (Moscow State U.),
Density waves in quark matter within the Nambu-Jona-Lasinio model in an external magnetic field
Moscow Univ. Phys. Bull. 65 (2010) 539-542