

Список статей от Лаборатории криогенной и сверхпроводящей техники, 2024 год

1. PROJECT ON RESEARCH OF NUCLEAR DD SYNTHESIS WITH POLARIZATION OF INITIAL PARTICLES AT LOW ENERGIES (POLFUSION)

Rozhdestvenskij A.Yu., Andreyanov A.V., Vasilyev A.A., Vznuzdaev M.E., Ivshin K.A., Kochenda L.M., Kravtsov P.A., Kravchenko P.V., Larionov V.E., Solovev A.N., Trofimov V.A., Fotyev V.D.
Physics of Atomic Nuclei. 2024. T. 87. No 3. C. 224-229.

2. SEARCH FOR MUON CATALYZED 3He FUSION

V.D.Fotev, V.A.Ganzha, K.A.Ivshin, P.V.Kravchenko, P.A.Kravtsov, E.M.Maev,
A.V.Nadtochiy, A.N.Solovev, I.N.Solovyev, E.M.Spiridenkov, A.A.Vasilyev, A.A.Vorobyov,
N.I.Voropaev, M.E.Vznuzdaev
Physics of Particles and Nuclei, 2024, Vol. 55, No. 3, pp. 672–684.

3. Universal Gas Installation with the Function of Recovering and Cleaning Helium-3.

L. Kochenda, P. Kravtsov et al.

Instruments and Experimental Techniques 67.1 (2024): 157-162

4. Measurement of flow coefficients in high-multiplicity p+Au, d+Au and $3\text{He}+\text{Au}$ collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV

L. Kochenda, P. Kravtsov et al. (STAR collaboration)

Phys. Rev. C 110 (2024) 64902

5. Estimate of Background Baseline and Upper Limit on the Chiral Magnetic Effect in Isobar Collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV at the Relativistic Heavy-Ion Collider

L. Kochenda, P. Kravtsov et al. (STAR collaboration)

Phys. Rev. C 110 (2024) 14905

6. Upper Limit on the Chiral Magnetic Effect in Isobar Collisions at the Relativistic Heavy-Ion Collider

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7. Observation of the electromagnetic field effect via charge-dependent directed flow in heavy-ion collisions at the Relativistic Heavy Ion Collider.

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