Список публикаций А. В. Вишневой

Публикации в рецензируемых журналах

1. **A. Vishneva** and M. Volkov (2014) Radiative decays of radially excited pseudoscalar mesons in the extended Nambu-Jona-Lasinio model. Phys.Part.Nucl.Lett. 11, 352-356.

2. **A. Vishneva** and M. Volkov (2014) Radially Excited Axial-Vector Mesons in the extended Nambu--Jona-Lasinio model. Int.J.Mod.Phys. A29, no. 24, 1450125.

3. **A. Vishneva,** M. Volkov, and D. Kostunin (2014) The decay $\tau \to f_1 \pi \nu$ in the Nambu-Jona-Lasinio model. Eur.Phys.J. A50, 137.

4. M. Agostini et al. (2015) A test of electric charge conservation with Borexino. Phys.Rev.Lett. 115, 231802.

5. P. Agnes et. al. (2015) Results from the first use of low radioactivity argon in a dark matter search. Phys.Rev. D93 (2016) no.8, 081101.

6. P. Agnes et. al. (2015) The veto system of the DarkSide-50 experiment. JINST 11 (2016) no.03, P03016.

7. P. Agnes at al. (2016) The DarkSide Project. JINST 11, no.2, C02051.

8. P. Agnes et al. (2016) The Electronics and Data Acquisition System for the DarkSide-50 Veto Detectors. JINST 11 no.12, P12007.

9. M. Agostini et al. (2017) Borexino's search for low-energy neutrino and antineutrino signals correlated with gamma-ray bursts. Astropart.Phys. 86,11-17.

10. P. Agnes et al. (2017) Effect of Low Electric Fields on Alpha Scintillation Light Yield in Liquid Argon. JINST 12, P01021.

11. P. Agnes et al. (2017) CALIS - a CALibration Insertion System for the DarkSide-50 dark matter search experiment. JINST 12 (2017) no.12, T12004.

12. M. Agostini et al. (2017) Seasonal Modulation of the 7Be Solar Neutrino Rate in Borexino. Astropart.Phys. 92 (2017) 21-29.

13. M. Agostini et al. (2017) The Monte Carlo simulation of the Borexino detector. Astropart.Phys. 97 (2018) 136-159.

14. C. Aalseth et al. (2017) Cryogenic Characterization of FBK RGB-HD SiPMs. JINST 12 (2017) no.09, P09030.

15. M. Agostini et al. (2017) A Search for Low-energy Neutrinos Correlated with Gravitational Wave Events GW 150914, GW 151226, and GW 170104 with the Borexino Detector. Astrophys.J. 850 (2017) no.1, 21.

16. P. Agnes et al. (2017) Simulation of argon response and light detection in the DarkSide-50 dual phase TPC. JINST 12 (2017) no.10, P10015.

17. M. Agostini et al. (2017) Limiting neutrino magnetic moments with Borexino Phase-II solar neutrino data. Phys.Rev. D96 (2017) no.9, 091103.

18. P. Agnes et al. (2017) The Electronics, Trigger and Data Acquisition System for the Liquid Argon Time Projection Chamber of the DarkSide-50 Search for Dark Matter. JINST 12 (2017) no.12, P12011.

19. P. Agnes et al. (2018) Electroluminescence pulse shape and electron diffusion in liquid argon measured in a dual-phase TPC. Nucl. Instrum. Meth. A 904 (2018) 23-34.

20. P. Agnes et al. (2018) DarkSide-50 532-day Dark Matter Search with Low-Radioactivity Argon. Phys.Rev.D 98 (2018) 10, 102006.

21. P. Agnes et al. (2018) Low-mass Dark Matter Search with the DarkSide-50 Experiment. Phys.Rev.Lett. 121 (2018) 8, 081307.

22. P. Agnes et al. (2018) Constraints on Sub-GeV Dark Matter-Electron Scattering from the DarkSide-50 Experiment. Phys.Rev.Lett. 121 (2018) 11, 111303.

23. M. Agostini et al. (2018) Modulations of the Cosmic Muon Signal in Ten Years of Borexino Data. JCAP 1902 (2019) 046.

24. M. Agostini et al. (2018) Comprehensive measurement of pp-chain solar neutrinos. Nature 562 (2018) no.7728, 505-510.

25. M. Agostini et al. (2019) First Simultaneous Precision Spectroscopy of pp, 7Be, and pep Solar Neutrinos with Borexino Phase-II. Phys.Rev.D 100 (2019) 8, 082004.

26. M. Agostini et al. (2019) Comprehensive geoneutrino analysis with Borexino. Phys. Rev. D101 (2020) no.1, 012009.

27. M. Agostini et al. (2020) Improved measurement of 8B solar neutrinos with 1.5 kt y of Borexino exposure. Phys.Rev.D 101 (2020) 6, 062001.

28. S. K. Agarwalla et al. (2020) Constraints on flavor-diagonal non-standard neutrino interactions from Borexino Phase-II. JHEP 2002 (2020) 038.

29. C. E. Aalseth et al. (2020) Design and Construction of a New Detector to Measure Ultra-Low Radioactive-Isotope Contamination of Argon. JINST 15 (2020) 02, P02024.

30. P. Agnes et al. (2020) Effective field theory interactions for liquid argon target in DarkSide-50 experiment. Phys.Rev.D 101 (2020) 6, 062002.

Препринты

1. M. Agostini et al. (2019) Search for low-energy neutrinos from astrophysical sources with Borexino. arXiv:1909.02422 [hep-ex]

2. C. E. Aalseth et al. SiPM-matrix readout of two-phase argon detectors using electroluminescence in the visible and near infrared range. arXiv: 2004.02024 [physics.ins-det].

3. M. Agostini et al. Sensitivity to neutrinos from the solar CNO cycle in Borexino. arXiv: 2005.12829 [hep-ex]

4. M. Agostini et al. First Direct Experimental Evidence of CNO neutrinos. arXiv: 2006.15115 [hep-ex]

Труды конференций

1. A. Vishneva et al. (2016) Test of the electric charge conservation law with Borexino detector. J. Phys. Conf. Ser. 675, no.1, 012025.

2. A. Vishneva et al. (2017) Test of the electron stability with the Borexino detector. J.Phys.Conf.Ser. 888 (2017) no.1, 012193.

3. A. Vishneva et al. (2019) Limit on the effective magnetic moment of solar neutrinos using Borexino data. Proceedings of the 5th International Solar Neutrino Conference, pp. 301-311. DOI: 10.1142/9789811204296_0018.

4. Z. Bagdasarian, X.F. Ding, A. Vishneva (2020) Analytical response function for the Borexino solar neutrino analysis. J. Phys. Conf. Ser. 1342 (2020) 1, 012105.

5. X.F. Ding, A. Vishneva, O. Penek, S. Marcocci (2020) GooStats Based Analytical Multivariate Analysis in Borexino Phase-II Precision Measurement of Low Energy Solar Neutrino Flux. Proceedings of LP-2017, DOI: 10.1142/9789811207402_0027.

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