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- 1) V.I. Lyashuk . Intensive electron antineutrino source with well defined hard spectrum on the base of nuclear reactor and 8-lithium transfer. The promising experiment for sterile neutrinos search. JHEP. 1906. – 2019 – 135.
- 2) Lyashuk V.I. Hard antineutrino source based on a lithium blanket: a version for the accelerator target. Physics of Particles and Nuclei Letters. – 2017–. v 14. № 3. pp. 465-473.
- 3) Lyashuk V.I. Problem of reactor antineutrino spectrum errors and it's alternative solution in the regulated spectrum scheme. Results in Physics. – 2017 –. v. 7. pp. 1212-1213.
- 4) Lyashuk V.I., Lutostansky Y.S. Intense antineutrino source based on a lithium converter. Proposal for a promising experiment for studying oscillations. Journal of Experimental and Theoretical Physics Letters (JETP Letters). – 2016 –. v. 103. № 5. pp. 293-297.
- 5) Lyashuk V.I. Intensive lithium $\tilde{\nu}_e$ -source: effective solution for accelerator scheme. Results in Physics. –2016–. v. 6. pp. 961-962.
- 6) Avrorin A.D., ..., Lyashuk V.I et. al. Data acquisition system for the Baikal-GVD neutrino telescope. Physics of Particles and Nuclei. –2016–. v. 47. № 6. pp. 933-937.
- 7) Neutrino signal at Baikal from dark matter in the Galactic Center. Physics of Particles and Nuclei. – 2016–. v. 47. № 6. pp. 926-932.
- 8) Avrorin A.D., ... , Ljashuk V.I. et al.The optical module of Baikal-GVD. Phys. Part. Nucl. Lett. 13 . –2016–. № 6. pp 737-746.
- 9) Avrorin A.D., ..., Ljashuk V.I et al. A search for neutrino signal from dark matter annihilation in the center of the Milky Way with Baikal NT200. Astropart. Phys. 81. – 2016–. pp. 12-20.
- 10) Avrorin A.D., ... , Ljashuk V.I. et al.Sensitivity of Baikal-GVD neutrino telescope to neutrino emission toward the center of galactic dark matter halo. Journal of Experimental and Theoretical Physics Letters. JETP Letters. – 2015–. v. 101. № 5. pp. 289-294.