

Публикации ведущей организации

1. *Mushtukov A., Portegies Zwart S., Tsygankov S., Nagirner D., Poutanen J.*, «Pulsating ULXs: large pulsed fraction excludes strong beaming», *Monthly Notices of the Royal Astronomical Society*, Volume 501, Issue 2, pp.2424-2429, 2021
2. *Mushtukov A., Markozov I., Suleimanov V., Nagirner D. et al.*, «Statistical features of multiple Compton scattering in a strong magnetic field», *Physical Review D*, Volume 105, Issue 10, article id. 103027, 2022
3. *Nagirner D. et al.*, «Escape Probability and Mean Numbers of Photon Scatterings. I. Exact and Asymptotic Formulas», *Astrophysics*, Volume 65, Issue 4, pp. 560-578, 2022
4. *Poutanen, J., et al.*, «Studying geometry of the ultraluminous X-ray pulsar Swift J0243.6+6124 using X-ray and optical polarimetry», *Astronomy and Astrophysics*, vol. 691, Art. no. A123, 2024
5. *Wong, J., et al.*, «Analysis of Crab X-Ray Polarization Using Deeper Imaging X-Ray Polarimetry Explorer Observations», *Astrophysical Journal*, vol. 973, no. 2, Art. no.172, 2024
6. *Veledina, A., et al.*, «Cygnus X-3 revealed as a Galactic ultraluminous X-ray source by IXPE», *Nature Astronomy*, vol. 8, pp. 1031-1046, 2024
7. *Khaibrakhmanov S., et al.*, «Magnetospheric reconnection in high-mass young stellar objects and its possible relation to methanol maser flares», *Astronomy and Astrophysics*, Volume 699, id.L7, 6 pp., 2025