

ARTICLES

O. Gugnin, A. Tugay, N. Pulatova, L. Zadorozhna. Advanced morphology of Vipers galaxies. Journal of Physical Studies // – 2022. – 26(2). Article 2901 [7 pages] <https://doi.org/10.30970/jps.26.2901>

N. Pulatova, A. Tugay, L. Zadorozhna, R. Seeburger, **O. Gugnin**. X-ray galaxies selected from HyperLEDA database. //Journal of Physical Studies. – 2022. – 25(4), <https://doi.org/10.48550/arXiv.2210.10707>

O. Ostapenko, M. Tarnopolski, N. Żywucka, J. Pascual-Granado. Searching for signatures of chaos in γ -ray light curves of selected Fermi-LAT blazars. Get access Arrow. Monthly Notices of the Royal Astronomical Society // – 2021. – 502(2). 2750–2756. <https://doi.org/10.1093/mnras/stab146>

THESIS

28th Young Scientists' Conference on Astronomy and Space Physics, 2022

Olexandr Gugnin, A.V. Tugay, L. Zadorozhna. Predicting large scale structure of the Universe using deep learning methods

Polina Dimitriieva. Study of the Lithium abundance in solar-type stars

Kateryna Kulish, O. Ivanova. Investigation of dust component of hyperbolic comet C/2015 VL62

Oleksandra Pyshna, A. Baransky, S. Borysenko. Photometry, astrometry and dust productivity analysis of comet 67P/Churyumov-Gerasimenko in 2021-2022

Roman Akhmetshyn, S. Metchev, R. Brown, M. Mazur, B. Amblard. Research of Kuiper belt objects and exoplanet transits using robotic telescope array .

Anastasia Nahurna, **Mykhailo Solomakha**, **Maria Lobodenko**, A. Baransky. Investigation of planetary systems of WASP, TrES, Qatar and Kepler projects by using transit photometry with O-C parameter tracking and TTV method application on Kyiv Comet Station.

Mariia Lobodenko, I. Kulyk, Ya. Pavlenko, **Anastasia Nahurna**, **Mykhailo Solomakha**, A. Baransky. Comparative analysis of observations of the selected exoplanet transits obtained at the Kyiv Comet station, with TESS and Kepler Space Telescopes.

Anastasiia Sokareva, **Oksana Ivaniga**, N. Tkachenko. Antarctic tropopause above Marambio station in the conditions of the ozone hole during 2004-2019.

Bohdan Petrenko, L. Kozak, E. A. Kronberg, **Roman Akhmetshyn**. Dispersion wave analysis of kink-like and stationary-like current sheet flapping motions in the Earth's magnetotail

Sergei Petrishchevskii, Yu. Rapoport, V. Grimalsky, V. Reshetnyk, A. Grytsai, A. Liashchuk, A. Fedorenko. Penetration of electric field from the near-ground source to the ionosphere. Problem of dynamic-quasistatic limiting pass