

Dr. Konstantinos Migkas

✉ kmigkas@strw.leidenuniv.nl • 🌐 kmigkas.wixsite.com/kostasmigkas
📄 0000-0003-0451-0449

List of Publications

First author (460/310 citations in Scholar/ADS).....

- Migkas, K., et al. 2025, A&A, 698, A270. *Detection of pure warm-hot intergalactic medium emission from a 7.2 Mpc long filament in the Shapley supercluster using X-ray spectroscopy.* DOI.
- Migkas, K., 2025, Phil. Trans. R. Soc. A. 383. *Galaxy clusters as probes of cosmic isotropy.* DOI
- Migkas, K., et al. 2025, A&A 694, A45. *X-ray and optical analysis of the distant merging double cluster SPT-CLJ2228-5828, its gas bridge, and its shock front.* DOI
- Migkas, K., et al. 2024, A&A 688, A107. *The SRG/eROSITA All-Sky Survey: SRG/eROSITA cross-calibration with Chandra and XMM-Newton using galaxy cluster gas temperatures.* DOI
- Migkas, K., et al. 2021, A&A 649, A151. *Cosmological implications of the anisotropy of ten multiwavelength galaxy cluster scaling relations.* DOI
- Migkas, K. et al. 2020, A&A 636, A15. *Probing cosmic isotropy with a new X-ray galaxy cluster sample through the $L_X - T$ scaling relation.* DOI
- Migkas, K. & Reiprich, T. 2018, A&A 611, A50. *Anisotropy of the galaxy cluster X-ray luminosity-temperature relation.* DOI
- Migkas, K. & Plionis, M. 2016, RevMxAA 52, 133. *Testing the isotropy of the Hubble expansion.* ADS

Co-author (945/823 citations in Scholar/ADS).....

- Pandya, A., Migkas, K., et al. 2024, A&A, 691, A355 *Examining the local Universe isotropy with galaxy cluster velocity dispersion scaling relations.* DOI
- Dietl, J., et al., 2024, A&A, 691, A286, *Discovery of a 13 Mpc long X-ray filament between two galaxy clusters beyond three times their virial radii.* DOI
- McCall, H., et al. 2024, A&A, 689, A113, *The SRG/eROSITA All-Sky Survey: View of the Virgo Cluster.* DOI
- Bulbul, E., et al. 2024, A&A, 685, A106, *The SRG/eROSITA All-Sky Survey: The first catalog of galaxy clusters and groups in the Western Galactic Hemisphere.* DOI
- Liu, A., 2024, et al. A&A, 683, A130, *The SRG/eROSITA All-Sky Survey: First catalog of superclusters in the western Galactic hemisphere.* DOI
- Merloni, A., et al. 2024, A&A, 682, A34, *The SRG/eROSITA All-Sky Survey: First X-ray catalogues and data release of the western Galactic hemisphere.* DOI
- Veronica, A., 2024, et al. A&A, 681, A108, *The eROSITA view of the Abell 3391/95 field. Cluster outskirts and filaments.* DOI
- Aluri, P. K., et al. 2022, CQG, 40, 9, *Is the Observable Universe Consistent with the Cosmological Principle?* DOI
- Ota, N., et al. 2022, A&A, 669, A110, *The eROSITA Final Equatorial-Depth Survey (eFEDS). X-ray properties of Subaru's optically selected clusters* ADS
- Whelan, B., 2022, et al. A&A, 663, A171, *X-ray studies of the Abell 3158 galaxy cluster with eROSITA* DOI
- Veronica, A., et al. 2022, A&A, 661, A46, *The eROSITA View of the Abell 3391/95 Field: The Northern Clump.* DOI
- Iljenkarevic, J., et al. 2022, A&A, 661, A26, *eROSITA spectro-imaging analysis of the Abell 3408 galaxy cluster* DOI
- Bahar, E., et al. 2022, A&A, 661, A17, *The eROSITA Final Equatorial-Depth Survey (eFEDS). X-ray properties and scaling relations of galaxy clusters and groups* DOI