

## Selected Publications

Yusef-Zadeh, F. and 7 colleagues 2025. \ Simultaneous JWST, NuSTAR, and VLA Monitoring of Sgr A\*: A Unified Picture of the Variable IR, X-ray and Radio Emission. \ arXiv e-prints. doi:10.48550/arXiv.2512.20786.

Arendt, R. G., Yusef-Zadeh, F., Heywood, I. \ 2025. \ A Catalog of Filaments in the Central Molecular Zone. \ The Astrophysical Journal Supplement Series 281. doi:10.3847/1538-4365/ae1296.

Yusef-Zadeh, F., Arendt, R. G., Wardle, M., Heywood, I., Cotton, W., Camilo, F. \ 2025. \ Erratum: "Statistical Properties of the Population of the Galactic Center Filaments: The Spectral Index and Equipartition Magnetic Field" (2022, ApJ, 925, L18). \ The Astrophysical Journal 994. doi:10.3847/2041-8213/ae1eee.

Bower, G. C. and 10 colleagues 2025. \ Long-term Astrometric Monitoring of the Galactic Center Magnetar PSR J1745-2900. \ The Astrophysical Journal 988. doi:10.3847/1538-4357/ade0be.

Yusef-Zadeh, F., Bushouse, H., Arendt, R., Wardle, M., Michail, J., Chandler, M. \ 2025. \ Wavelengths: Evidence for Distinct Populations of Faint and Bright Variable Emission. \ The Astrophysical Journal 980. doi:10.3847/2041-8213/ada88b.

Heinke, C. O. and 10 colleagues 2025. \ Swift/XRT position of MAXI J1744-294 near Sgr A\*. \ The Astronomer's Telegram 17010.

Michail, J. M. and 8 colleagues 2024. \ Multiwavelength Observations of Sgr A\*. II. 2019 July 21 and 26. \ The Astrophysical Journal 971. doi:10.3847/1538-4357/ad5332.

Yusef-Zadeh, F. \ 2024. \ Radio study of the Arc and the Sgr A complex near the Galactic center. \ arXiv e-prints. doi:10.48550/arXiv.2406.19515.

Schoedel, R. and 19 colleagues 2024. \ The SKA Galactic Centre Survey -- A White Paper. \ arXiv e-prints. doi:10.48550/arXiv.2406.04022.

Yusef-Zadeh, F. and 7 colleagues 2024. \ G359.13142-0.20005: a steep spectrum radio pulsar candidate with an X-ray counterpart running into the Galactic Centre Snake (G359.1-0.2). \ Monthly Notices of the Royal Astronomical Society 530, 254–263. doi:10.1093/mnras/stae549.

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Michail, J., Yusef-Zadeh, F., Wardle, M., Kunneriath, D. \ 2024. \ Modeling the Variable Polarized Emission from Sgr A\*'s Accretion Flow at Submillimeter Frequencies. \ American Astronomical Society Meeting Abstracts \#243.

Yusef-Zadeh, F. and 8 colleagues 2024. \ Detection of large-scale synchrotron radiation from the molecular envelope of the Sgr B cloud complex at the Galactic centre. \ Monthly Notices of the Royal Astronomical Society 527, 1275–1282. doi:10.1093/mnras/stad3203.

Schoedel, R. and 113 colleagues 2023. \ The JWST Galactic Center Survey -- A White Paper. \ arXiv e-prints. doi:10.48550/arXiv.2310.11912.

Yusef-Zadeh, F. \ 2023. \ Variability of Polarization and Intensity as Probes of the Accretion Flow of Sgr A\*. \ NSF Award 23, 5857.

Yusef-Zadeh, F., Arendt, R. G., Wardle, M., Heywood, I. \ 2023. \ The Population of the Galactic Center Filaments: Position Angle Distribution Reveals a Degree-scale Collimated Outflow from Sgr A\* along the Galactic Plane. \ The Astrophysical Journal 949. doi:10.3847/2041-8213/acd54b.

Yusef-Zadeh, F., Arendt, R. G., Bushouse, H. A., Sabha, N. B., Wardle, M., Wenner, N. \ 2023. \ MIRI observations of YSO candidates for Unambiguous Evidence of Star formation in the 10pc Molecular Ring Orbiting the Galactic Center Black Hole. \ JWST Proposal. Cycle 2, 3571.

Yusef-Zadeh, F. and 8 colleagues 2023. \ NIRCcam monitoring of the inner accretion flow of Sgr A\* synchronous with EHT imaging of the black hole shadow. \ JWST Proposal. Cycle 2, 3559.

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Yusef-Zadeh, F., Arendt, R. G., Wardle, M., Heywood, I., Cotton, W. \ 2022. \ The population of Galactic Centre filaments - III. Candidate radio and stellar sources. \ Monthly Notices of the Royal Astronomical Society 517, 294–355. doi:10.1093/mnras/stac2415.

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