

PUBLICATIONS

Refereed Publications:

“Star and Planet Formation with the Single Aperture Large Telescope for Universe Studies (SALTUS) Space Observatory,” Schwarz, K., Tielens, A., Najita, J. et al. 2024, arXiv:240713430

“Retrieval of Thermally-resolved Water Vapor Distributions in Disks Observed with JWST-MIRI,” Muñoz-Romero, C. E., Banzatti, A., Öberg, K. I., Pontoppidan, K. M., Salyk, C., Najita, J. et al. 2024, arXiv:2409.03831

“[GD-1 Stellar Stream and Cocoon in the DESI Early Data Release](#),” Valluri, M., Fagrelius, P., Koposov, S. E., Li, T. S., Gnedin, O. Y., Bell, F., Carlberg, R. G., Cooper, A. P. et al. 2024, arXiv:2407.06336

“[The frequency of metal enrichment of cool helium-atmosphere white dwarfs using the DESI early data release](#),” Manser, C., J., Gänsicke, B. T., Izquierdo, P., Swan, A., Najita, J. et al. 2024, MNRAS, 531, L27

“[High-contrast JWST-MIRI Spectroscopy of Planet-forming Disks for the JDISC Survey](#),” Pontoppidan K. M., Salyk, C., Banzatti, A., Zhang, K., Pascucci, I., Öberg, K. I., Long, F., Romero-Mirza, C. E., Carr, J., Najita, J. et al. 2024, ApJ, 963, 158

“[Spectroastrometric Survey of Protoplanetary Disks with Inner Dust Cavities](#),” Jensen, S. K., Brittain, S. D., Banzatti, A., Najita, J. R., Carr, J. S., Kern, J., Kozdon, J., Zrake, J., & Fung, J. 2024, AJ, 167, 115

“[Water-rich Disks around Late M Stars Unveiled: Exploring the Remarkable Case of Sz 114](#),” Xie, C., Pascucci, I., Long, F., Pontoppidan, K. M., Banzatti A., Kalyaan, A., Salyk, C., Liu, Y., Najita, J. R. Et al. 2023, ApJ, 959, L25

“[JWST Reveals Excess Cool Water near the Snow Line in Compact Disks, Consistent with Pabble Drift](#),” Banzatti, A., Pontoppidan, K. M., Carr, J. S., Jellison, E., Pascucci, I., Najita, J. R., and 16 coauthors 2023, ApJ, 957, L22

“[GTC Follow-up Observations of Very Metal-poor Star Candidates from DESI](#),” Allende Preto, C., Aguado, D. S., González Hernández, J. I., Robolo, R., Najita, J., and 44 coauthors, 2023, ApJ, 957, 76

“[Rovibrational Spectroscopy of CI Tau — Evidence of a Multicomponent Eccentric Disk Induced by a Planet](#),” Kozdon, J., Brittain, S. D., Fung, J., Kern, J., Jensen, S., Carr, J. S., Najita, J. R., & Banzatti A. 2023, AJ, 166, 119

“[Implications for Chondrule Formation Regions and Solar Nebula Magnetism from Statistical Reanalysis of Chondrule Paleomagnetism](#),” Fu, R. R., Steele, S. C., Simon, J. B., Teague, R., Najita,

J., & Rea, D. 2023, PSJ, 4, 151

[“Overview of the DESI Milky Way Survey,”](#) Cooper, A. P., et al. 2023, ApJ, 947, 37

[“Protoplanetary Disk Science with the Orbiting Astronomical Satellite Investigating Stellar Systems \(OASIS\) Observatory,”](#) Schwarz, K. R., Najita, J., Bergner, J., Carr, J., Tielens, A., Bergin, E. A., Wilner, D., Leisawitz, D., & Walker, C. K. 2021, Space Sciences Reviews, 219, 12

[“Takeout and Delivery: Erasing the Dusty Signature of Late-stage Terrestrial Planet Formation,”](#) Najita, J. R., Kenyon, S. J. 2023, 944, 125

[“DESI Observations of the Andromeda Galaxy: Revealing the Immigration History of Our Nearest Neighbor,”](#) Dey, A., Najita, J., Koposov, S. E., and 45 coauthors 2023, ApJ, 944, 1

[“Overview of the Instrument for the Dark Energy Spectroscopic Instrument,”](#) DESI Collaboration, 2022, AJ, 164, 207

[“The Mysterious Affair of the H₂ in AU Mic,”](#) Flagg, L., Johns-Krull, C. M., France, K., Herczeg, G., Najita, J., Youngblood, A., Carvalho, A., Carpenter, J., Kenyon, S. J., Newton, E., & Rockcliffe, K. 2022, ApJ 934, 8

[“Scanning Disk Rings and Winds in CO at 0.01-10 au: A High-resolution M-band Spectroscopy Survey with IRTF-iSHELL,”](#) Banzatti, A., Abernathy, K. M., Brittain, S., & 11 coauthors including J. Najita, 2022, AJ, 163, 174

[“From Pebbles and Planetesimals to Planets and Dust: The Protoplanetary Disk-Debris Disk Connection,”](#) Najita, J. R., Kenyon, S. J., & Bromley, B. C. 2022, ApJ, 925, 45

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- [“A High-resolution Mid-infrared Survey of Water Emission from Protoplanetary Disks,”](#) Salyk, C., Lacy, J., Richter, M., Zhang, K., Pontoppidan, K., Carr, J. S., Najita, J. R., & Blake, G. A. 2019, ApJ, 864, 24
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