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Ph.D. Student in Physics, admitted Autumn 2022

Publications

PUBLICATIONS

- **A Search for Supermassive Black Hole Binary Candidates in 46 yr Radio Light Curves of 83 Blazars** *ASTROPHYSICAL JOURNAL*
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- **X-Ray Polarization of the Intrabinary Shock in Redback Pulsar J1723-2837** *ASTROPHYSICAL JOURNAL*
Sullivan, A. G., Dinsmore, J. T., Romani, R. W.
2026; 999 (1)
- **The Atacama Cosmology Telescope: Observations of supermassive black hole binary candidates Strong sinusoidal variations at 95, 147, and 225 GHz in PKS 2131-021 and PKS J0805-0111** *ASTRONOMY & ASTROPHYSICS*
Hincks, A. D., Ma, X., Mroz, P., Naess, S. K., Kiehlmann, S., Blandford, R. D., Bond, J., Devlin, M., Dunkley, J., Foster, A., Graham, M. J., Guan, Y., Hervias-Caimapo, et al
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- **Relativistic Jets and Winds in Radio-identified Supermassive Black Hole Binary Candidates** *ASTROPHYSICAL JOURNAL*
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- **Polarized Emission of Intrabinary Shocks in Spider Pulsars from Global 3D Kinetic Simulations** *ASTROPHYSICAL JOURNAL*
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- **High-energy Emission from the Intrabinary Shocks in Redback Pulsars** *ASTROPHYSICAL JOURNAL*
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- **The Intrabinary Shock and Companion Star of Redback Pulsar J2215+5135** *ASTROPHYSICAL JOURNAL*
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- **Determining the Hubble constant with AGN-assisted black hole mergers** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
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- **Small-scale radio jets and tidal disruption events: a theory of high-luminosity compact symmetric objects** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
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