

John Dinsmore

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Bio

LINKS

- Personal website: <https://jack-dinsmore.github.io/>

Publications

PUBLICATIONS

- **IXPE View of the Crab Pulsar Following the 2025 July 17 and August 6 Glitches** *ASTROPHYSICAL JOURNAL*
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- **An Eclipsing 8.56 Minutes Orbital Period Mass-transferring Binary** *ASTROPHYSICAL JOURNAL*
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- **Chandra Proper Motions and Milliarcsecond Astrometry of 19 Pulsars** *ASTROPHYSICAL JOURNAL*
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- **X-Ray Polarization of the Intrabinary Shock in Redback Pulsar J1723-2837** *ASTROPHYSICAL JOURNAL*
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- **Advanced Weights for IXPE Polarization Analysis** *ASTROPHYSICAL JOURNAL*
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- **X-Ray Polarization Detection of the Pulsar Wind Nebula in G21.5-0.9 with IXPE** *ASTROPHYSICAL JOURNAL*
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- **A Catalog of Pulsar X-Ray Filaments** *ASTROPHYSICAL JOURNAL*
Dinsmore, J. T., Romani, R. W.
2024; 976 (1)
- **Polarization Leakage and the IXPE Point-spread Function** *ASTROPHYSICAL JOURNAL*
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- **Catalog of Integrated-light Star Cluster Light Curves in TESS** *ASTRONOMICAL JOURNAL*

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2023; 166 (3)

● **Improved Measurements of the IXPE Crab Polarization** *ASTROPHYSICAL JOURNAL*

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2023; 953 (1)

● **Constraining the interiors of asteroids through close encounters** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*

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● **Luminosity functions consistent with a pulsar-dominated Galactic Center excess** *JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS*

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● **Schottky anomaly of deSitter black holes** *CLASSICAL AND QUANTUM GRAVITY*

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