

## Josephine Wong

Ph.D. Student in Physics, admitted Autumn 2020

### Publications

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#### PUBLICATIONS

- **Analysis of Crab X-Ray Polarization Using Deeper Imaging X-Ray Polarimetry Explorer Observations** *ASTROPHYSICAL JOURNAL*  
Wong, J., Mizuno, T., Bucciantini, N., Romani, R. W., Yang, Y., Liu, K., Deng, W., Goya, K., Xie, F., Pilia, M., Kaaret, P., Weisskopf, M. C., Silvestri, et al  
2024; 973 (2)
- **The IXPE Science of Pulsars and Their Nebulae** *GALAXIES*  
Bucciantini, N., Romani, R. W., Xie, F., Wong, J.  
2024; 12 (4)
- **First Detection of Polarization in X-Rays for PSR B0540-69 and Its Nebula** *ASTROPHYSICAL JOURNAL*  
Xie, F., Wong, J., La Monaca, F., Romani, R. W., Heyl, J., Kaaret, P., Di Marco, A., Bucciantini, N., Liu, K., Ng, C., Di Lalla, N., Weisskopf, M. C., Costa, et al  
2024; 962 (1)
- **The Polarized Cosmic Hand: IXPE Observations of PSR B1509-58/MSH 15-5<SUP>2</SUP>** *ASTROPHYSICAL JOURNAL*  
Romani, R. W., Wong, J., Di Lalla, N., Omodei, N., Xie, F., Ng, C., Ferrazzoli, R., Di Marco, A., Bucciantini, N., Pilia, M., Slane, P., Weisskopf, M. C., Johnston, et al  
2023; 957 (1)
- **Improved Measurements of the IXPE Crab Polarization** *ASTROPHYSICAL JOURNAL*  
Wong, J., Romani, R. W., Dinsmore, J. T.  
2023; 953 (1)
- **Simultaneous space and phase resolved X-ray polarimetry of the Crab pulsar and nebula** *NATURE ASTRONOMY*  
Bucciantini, N., Ferrazzoli, R., Bachetti, M., Rankin, J., Di Lalla, N., Sgro, C., Omodei, N., Kitaguchi, T., Mizuno, T., Gunji, S., Watanabe, E., Baldini, L., Slane, et al  
2023