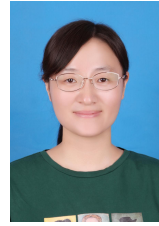


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Research Interests:

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Selected Publications:

- **Yao J. M.**, Zhu W. W., Manchester R. N., et al., Evidence for three-dimensional spin-velocity alignment in a pulsar, 2021, Nature Astronomy
- **Yao J. M.**, Zhu W. W., Wang P., FAST interstellar scintillation observation of PSR B1929+10 and PSR B1842+14, RAA, 5,76 (6pp)
- **Yao J. M.**, Manchester R. N., Wang N., A new electron-density model for estimation of pulsar and FRB distances, 2017, ApJ, 835, 29
- **Yao J. M.**, Manchester R. N., Wang N., Determination of the Sun's offset from the Galactic plane using pulsars, 2017, MNRAS, 468, 3289
- Feng, Yi, Li, Di, Yang, Yuan-Pei, Zhang, Yongkun, Zhu, Weiwei, Zhang, Bing, Wang, Pei, Dai, Shi, Lynch, Ryan S., **Yao J. M.** et al., Frequency-dependent polarization of repeating fast radio bursts—implications for their origin, 2022, Science.

- C.H. Niu, K. Aggarwal, D. Li, X. Zhang , S. Chatterjee, C.W. Tsai, W. Yu , C. J. Law, S. Burke-Spolaor , J. M. Cordes , Y.K. Zhang , S. Ocker, **Yao J.M.** et al., A repeating fast radio burst in a dense environment with a compact persistent radio source, 2022, Nature.
- Niu C. H., Li D., Luo R., Wang W. Y., **Yao J. M.**, et al., CRAFTS for Fast Radio Bursts: Extending the dispersion-fluence relation with new FRBs detected by FAST, 2021, ApJL,909: L8