

Publication List of Tianjun Gan

12 as the first/second author, * = student co-supervised

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Leading Author: [ADS Library](#)

1. **Gan, T.** & Theissen, C., et al., *Metallicity Dependence of Giant Planets around M Dwarfs*, 2025, [ApJS](#), 276, 47
2. **Gan, T.** & Wang, X., et al., *The Aligned Orbit of a Hot Jupiter around the M Dwarf TOI-4201*, 2024, [ApJL](#), 969, 24
3. **Gan, T.** & Guo, K., et al., *Relative Occurrence Rate between Hot and Cold Jupiters as an Indicator to Probe Planet Migration*, 2024, [ApJ](#), 967, 74
4. **Gan, T.** *Gaia Astrometry and MIKE+PFS Doppler Data Joint Analysis Reveals that HD 175167b is a Massive Cold Jupiter*, 2023, [RNAAS](#), 7, 226
5. **Gan, T.** & Cadieux, C., et al., *A massive hot Jupiter orbiting a metal-rich early-M star discovered in the TESS full frame images*, 2023, [AJ](#), 166, 165
6. Lin, Z. (*), **Gan T.**, et al., *One high mass brown dwarf and two objects near the hydrogen burning mass limit*, 2023, [MNRAS](#), 523, 6162
7. **Gan, T.** & Wang, X. S., et al., *Occurrence rate of hot Jupiters around early-type M dwarfs based on TESS Primary Mission*, 2023, [AJ](#), 165, 17
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Contributed Work: [ADS Library](#)

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2. Yang, H., Zang, W., **Gan T.**, et al., *How Rare Are TESS Free-floating Planets*, 2024, [ApJL](#), 972, 12
3. Hua, X. (*) & Wang, X. S., Teske, Johanna K., **Gan T.**, et al., *A Transiting Super-Earth in the Radius Valley and an Outer Planet Candidate Around HD 307842*, 2023, [AJ](#), 166, 32
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5. Teske, J., Wang, X. S., Wolfgang, A., **Gan, T.**, et al., *The Magellan-TESS Survey. I. Survey Description and Midsurvey Results*, 2021, [ApJS](#), 256, 33

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