

Publication List of Tianjun Gan

10 as the first/second author, 57 contributed work, * = student co-supervised

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Leading Author: [ADS Library](#)

1. **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
2. **Gan, T.** *Gaia Astrometry and MIKE+PFS Doppler Data Joint Analysis Reveals that HD 175167b is a Massive Cold Jupiter*, 2023, *RNAAS*, 7, 226
3. **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
4. Lin, Z. (*), **Gan T.**, et al., *One high mass brown dwarf and two objects near the hydrogen burning mass limit*, 2023, *MNRAS*, 523, 6162
5. **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
6. **Gan, T.** & Soubkiou, A., et al., *TESS discovery of a sub-Neptune orbiting a mid-M dwarf TOI-2136*, 2022, *MNRAS*, 514, 4120
7. **Gan, T.** & Lin, Z. (*), et al., *TOI-530b: A giant planet transiting an M dwarf detected by TESS*, 2022, *MNRAS*, 511, 83
8. **Gan, T.** & Bedell, M., et al., *HD 183579b: a warm sub-Neptune transiting a solar twin detected by TESS*, 2021, *MNRAS*, 507, 2220
9. **Gan, T.** & Wang, X. S., et al., *Revisiting the HD 21749 planetary system with stellar activity modelling*, 2021, *MNRAS*, 501, 6042
10. **Gan, T.** & Shporer, A., et al., *LHS 1815b: The First Thick-disk Planet Detected by TESS*, 2020, *AJ*, 159, 160

Contributed Work: [ADS Library](#)

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2. Sun, Q. & Wang, X. S., **Gan T.**, et al., *A Search for Exoplanets in Open Clusters and Young Associations based on TESS Objects of Interest*, 2022, *RAA*, 22, 7
3. 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
4. Hord, Benjamin J., et al. (incl. **Gan, T.**), *Identification of the Top TESS Objects of Interest for Atmospheric Characterization of Transiting Exoplanets with JWST*, [submitted to AJ](#)
5. Hawthorn, Faith, et al. (incl. **Gan, T.**), *TOI-908: a planet at the edge of the Neptune desert transiting a G-type star*, 2023, *MNRAS*, 524, 3877
6. Ghachoui, M., et al. (incl. **Gan, T.**), *TESS discovery of a super-Earth orbiting the M-dwarf star TOI-1680*, 2023, *A&A*, 677, 31
7. Murgas, F., et al. (incl. **Gan, T.**), *Two super-Earths at the edge of the habitable zone of the nearby M dwarf TOI-2095*, [accepted to A&A](#)

8. Dransfield, Georgina, et al. (incl. **Gan, T.**), *A $1.55 R_{\oplus}$ habitable-zone planet hosted by TOI-715, an M4 star near the ecliptic South Pole*, [accepted to MNRAS](#)
9. Oddo, Dominic, et al. (incl. **Gan, T.**), *Characterization of a Set of Small Planets with TESS and CHEOPS and an Analysis of Photometric Performance*, [2023, AJ, 165, 134](#)
10. Tey, Evan, et al. (incl. **Gan, T.**), *TESS Discovery of Twin Planets near 2:1 Resonance around Early M Dwarf TOI 4342*, [2023, AJ, 165, 93](#)
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21. Rodriguez, Joseph E., et al. (incl. **Gan, T.**), *Another Shipment of Six Short-Period Giant Planets from TESS*, [2023, MNRAS, 521, 2765](#)
22. Christian, Sam, et al. (incl. **Gan, T.**), *A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions*, [2022, AJ, 163, 207](#)
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24. Mann, Andrew W., et al. (incl. **Gan, T.**), *TESS Hunt for Young and Maturing Exoplanets (THYME). VI. An 11 Myr Giant Planet Transiting a Very-low-mass Star in Lower Centaurus Crux*, [2022, AJ, 163, 156](#)
25. Wilson, Thomas G., et al. (incl. **Gan, T.**), *A pair of sub-Neptunes transiting the bright K-dwarf TOI-1064 characterized with CHEOPS*, [2022, MNRAS, 511, 1043](#)
26. Kaye, Laurel, et al. (incl. **Gan, T.**), *Transit timings variations in the three-planet system: TOI-270*, [2022, MNRAS, 510, 5464](#)
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33. Wells R., et al. (including **Gan, T.**), *A large sub-Neptune transiting the thick-disk M4 V TOI-2406*, 2021, [A&A](#), 653, 97
34. Georgieva I., et al. (including **Gan, T.**), *Hot planets around cool stars - two short-period mini-Neptunes transiting the late K-dwarf TOI-1260*, 2021, [MNRAS](#), 505, 4084
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