

MUTIAN WANG

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EDUCATION

Nanjing University , Astronomy, <i>PhD Candidate</i>	2021.09 - Present
• Supervisor: Prof. Hui-Gen Liu.	
Nanjing University , <i>Bachelor of Science in Astronomy</i>	2016.09 - 2020.07
• GPA: 4.61/5.0, Ranking 3/25	

RESEARCH EXPERIENCE

University of Hawaii at Manoa, Institute for Astronomy	2024.11 - 2025.11
• Research Scholar. Supervisor: Prof. Fei Dai.	
University of Sydney, Department of Physics	2019.07-2019.08
• Summer Internship, Supervisors: Prof. Peter Tuthill, Dr. Barnaby Norris.	

PUBLICATION

1. *An Adolescent, Near-resonant Planetary System Near the End of Photoevaporation*
M.-T. Wang, Fei Dai, H.-G. Liu, Howard Chen, et al., 2025, **Nature Astronomy**, accepted.
2. *TOI-4495: A Pair of Aligned, Near-Resonant Sub-Neptunes that Experienced Overstable Migration*
M.-T. Wang, Fei Dai, H.-G. Liu, Kento Masuda et al., 2025, **AJ**, submitted
3. *Unexpected Near-Resonant and Metastable States of Young Multi-Planet Systems*
Zhecheng Hu, Fei Dai, Wei Zhu, **M.-T. Wang** et al., 2025, **AJ**, accepted
4. *Photodynamical Analysis of Circumbinary Multi-planet System TOI-1338: A Fully Coplanar Configuration With A Puffy Planet*
M.-T. Wang, H.-G. Liu, 2024, **AJ**, 168, 31.
5. *The Accretion History of EX Lup: A Century of Bursts, Outbursts, and Quiescence*
M.-T. Wang, G. J. Herczeg, H.-G. Liu, M. Fang et al., 2023, **ApJ**, 957, 113.
6. *Follow-up Photometry in Another Band Helps to Reduce Kepler's False-positive Rates*
M.-T. Wang, H.-G. Liu, Z. Peng, & J.-L. Zhou. 2021, **AJ**, 162, 258.
7. *Finding exoplanet in habitable zone with light echoes*
M. Wang, P. Tuthill, & B. Norris, 2020, Proc. SPIE 11448, Adaptive Optics Systems VII, 114484V.

GRANTS

National Natural Science Foundation of China (PhD), 300k RMB (equiv. 4k USD) 2025.01-2026.12

CONFERENCE TALK

SPIE Astronomical Telescopes + Instrumentation , Online Talk	2020
From KBO to JFC: Small Icy Bodies in the Solar System , Nanjing, Talk	2019
Earth 2.0 Transit Planet Survey Space Mission Science Meeting , Online Talk	2020
TESS Science Conference II , Online Poster	2021
TESS Science Conference III , Boston, Talk	2024
Exoplanet and Planet Formation, Beijing, Talk	2023
Asian-Oceania of Geoscience Society 2023, Singapore, Poster	2023
KITP, Santa Barbara, Poster	2025
Geneva Resonant State Workshop, Geneva, Talk	2025
Solar System in Context 2025, Tucson, Talk	2025
Exoplanet and Planet Formation, Shanghai, Talk	2025

HONORS

- First Prize in the Jiangsu Provincial Astronomy Graduate Innovation and Practice Competition 2023
- First-Class Graduate Talent Scholarship 2024
- Second-Class Graduate Talent Scholarship 2022
- Outstanding Graduate Students of Nanjing University 2021–2024
- Second-Class Excellence Program Scholarship 2017–2019
- First-Class Nanjing University People's Scholarship 2018
- National Astronomical Observatories of the Chinese Academy of Sciences Scholarship 2017, 2019