


ERITAS YANG

PERSONAL INFORMATION

Name:	Eritas (Qing) Yang 杨晴	Address:	032 Peyton Hall, 4 Ivy Lane, Princeton, NJ 08544
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RESEARCH INTERESTS

- Planetary dynamics: evolution of planetary systems, chaos and dynamical instabilities

EDUCATION

Graduate Student , Department of Astrophysical Sciences, Princeton University, U.S.A.	Aug 2024 – Present
Advisor: Joshua N. Winn	
BACHELOR OF SCIENCE , Department of Physics, Harvey Mudd College, U.S.A.	Sept 2020 – May 2024
Major: Physics GPA: 3.93/4.00	
Thesis: <i>Modulating the stability boundary: secular dynamics of compact three-planet aystems</i>	
Advisor: Daniel Tamayo	

REFERENCES

Prof. Joshua Winn	Princeton University
Prof. Daniel Tamayo	Harvey Mudd College

PUBLICATIONS

1. **Yang E.**, Su Y., Winn J. N., [A third star in the HAT-P-7 system and a new dynamical pathway to misaligned hot Jupiters](#), *ApJ* 986, 117 (2025).
2. Cheng S., Li J., **Yang E.**, [Discovery of a Dwarf Planet Candidate in an Extremely Wide Orbit: 2017 OF₂₀₁](#).
★ See the press releases from the **IAS** and **Princeton University**. This work is also highlighted by *Phys.org*, *New Scientist*, *Universe Today*, *EarthSky*.
3. **Yang Q.**, Tamayo D., [Secular Dynamics of Compact Three-planet Systems](#), *ApJ* 968, 20 (2024).

HONORS AND AWARDS

Centennial Fellowship, Princeton University	
American Physical Society LeRoy Apker Award	Oct 2024
Thomas B. Brown Memorial Award, Harvey Mudd College	May 2024
Midlin Prize, Harvey Mudd College	May 2024