Stanford



Aidi Zhang

Postdoctoral Scholar, Geophysics

Bio

BIO

I am interested in the fluid dynamics in geophysical and astrophysical systems. You can find more details on my website (https://aidi-zhang.github.io/)

STANFORD ADVISORS

- Da Yang, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Understanding the Evolution of Global Atmospheric Rivers With a Vapor Kinetic Energy Framework** *GEOPHYSICAL RESEARCH LETTERS*
  Zhang, A., Yang, D., Ong, H., Tan, Z.
  2026; 53 (7)
- **Stable three-dimensional vortex families consistent with Jovian observations including the Great Red Spot** *JOURNAL OF FLUID MECHANICS*
  Zhang, A., Marcus, P. S.
  2024; 984