

Planet formation as an ongoing process: How giant planets influence planet formation

Despite confirmed detections of over 6,000 exoplanets¹, how planets form and what sets their composition is still unclear. Here is a citation to my work¹⁻³ In order to test.

This is the overview section where I will state my goals clearly and early to capture the readers attention.

References

1. Öberg, K. I. *et al.* Molecules with ALMA at Planet-forming Scales (MAPS). I. Program Overview and Highlights. *ApJS* **257**, 1 (2021).
2. Andrews, S. M. *et al.* The Disk Substructures at High Angular Resolution Project (DSHARP). I. Motivation, Sample, Calibration, and Overview. *ApJ* **869**, L41 (2018).
3. Van Clepper, E., Price, E. & Ciesla, F. J. Three-dimensional Transport of Solids in a Protoplanetary Disk Containing a Growing Giant Planet. *ApJ* **980**, 201 (2025).

¹<https://exoplanetarchive.ipac.caltech.edu/>